DRAFT

Initial Study/Mitigated Negative Declaration

Restaurant Row Project

PROJECT NO: SP22-0004

ENVIRONMENTAL DOCUMENT NO: ND23-011

AUGUST 2023

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
ADA	Americans with Disabilities Act
BMPs	Best Management Practices
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CalRecycle	California Department of Resources Recycling and Recovery
CAP	Climate Action Plan
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CH_4	methane
City	City of San Marcos
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
dB	decibel
dBA	A-weighted decibel
EOP	Emergency Operations Plan
ESA	Environmental Site Assessment
EV	electric vehicle
FEMA	Federal Emergency Management Agency
GHG	Greenhouse Gases
HOA	Homeowners Association
HVAC	heating, ventilation, and air conditioning
I	Interstate
ips	inches per second
IS	Initial Study
L_{eq}	energy equivalent noise level
LOS	Level of Service
LTA	Local Transportation Analysis
MBTA	Migratory Bird Treaty Act
MND	Mitigated Negative Declaration
MRZ	Mineral Resource Zone
MS4	Municipal Separate Storm Sewer System
MRZ	Mineral Resource Zone
MT	metric tons
MWD	Metropolitan Water District of Southern California
NAAQS	National Ambient Air Quality Standards
NO_2	nitrogen dioxide

Acronym/Abbreviation	Definition
N_2O	nitrous oxide
NO_x	oxides of nitrogen
O_3	ozone
PDF	project design feature
PFF	Public Facility Fees
PM_{10}	Particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	Particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
proposed project or project	Restaurant Row Project
PPV	peak particle velocity
RAQS	Regional Air Quality Strategy
RTP	Regional Transportation Plan
SANDAG	San Diego Association of Governments
SB	State Bill
SCS	Sustainable Communities Strategy
SDAB	San Diego Air Basin
SDAPCD	San Diego County Air Pollution Control District
SDG&E	San Diego Gas and Electric
SIP	State Implementation Plan
SMFD	San Marcos Fire Department
SMMC	San Marcos Municipal Code
SMUSD	San Marcos Unified School District
SO_2	sulfur dioxide
SPA	Specific Plan Area
SR-	State Route
STC	Sound Transmission Class
SWQMP	Storm Water Quality Management Plan
TAC	Toxic Air Contaminant
TCA	Traditionally and Culturally Affiliated
TDM	Transportation Demand Management
TIAG	Transportation Impact Analysis Guidelines
VMT	Vehicle Miles Traveled
VOC	volatile organic compound
VWD	Vallecitos Water District

1 Introduction

1.1 Project Overview

The proposed Restaurant Row Project (project) includes a request for a Specific Plan (SP22-0004), General Plan Amendment (GPA22-0002), Rezone (R22-0002), Site Development Plan (SDP22-0006) for the private development , and Vesting Tentative Subdivision Map (TSM22-0003) for a mixed-use residential development project on a 10.5-acre site in the City of San Marcos (City; see Figure 1, Project Location, and Figure 2, Project Site). Additionally, the project requests a separate Site Development Plan (SDP23-0004) for the development of a proposed 1.1-acre neighborhood public park. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Mixed-Use 1 (MU 1) and Light Industrial (L-I) to Specific Plan Area (SPA). The Specific Plan (Appendix M) has been prepared with the intent to provide a comprehensive plan to ensure the efficient development of a new mixed-use residential community. The Specific Plan serves as both a policy document and a regulatory document for the systematic implementation of the policies and goals of the General Plan. The Site Development Plan would configure the site for multifamily dwelling units, ground floor commercial mixed-use space, recreational open space, and private open space. The Tentative Subdivision Map presents specific infrastructure and lot and street configurations for the site.

The project consists of demolition of 63,484 square feet of existing (primarily vacant) restaurant uses on site, and redevelopment of 202 multifamily residential units and 10,400 square feet of commercial retail uses on the 10.5-acre project site (Figure 3, Conceptual Site Plan). Residential units would consist of 8 three-bedroom townhomes over commercial (town over commercial); 17 front street townhomes ranging in size from three to four bedrooms; 57 greencourt townhomes ranging in size from two to four bedrooms; and 120 motorcourt units ranging in size from two to three bedrooms. The residential and mixed-use buildings A through T would be developed on site as shown in Figure 3. Useable open space amenities would be located in the north-central/northeastern portion of the project site, including the proposed public park, the proposed dog parks and proposed private tot lots and barbeque area, while commercial uses would be placed along the southern and eastern project boundaries. Primary project access would be via West San Marcos Boulevard at the project's southern boundary. The project would provide 501 parking spaces.

Due to the widening of San Marcos Boulevard and the addition of the multi-way improvements, there would be numerous utility structures that would need to relocate to accommodate these improvements. The San Diego Gas and Electric (SDG&E) items that would be moved are SDG&E Fuse Cabinet, SDG&E 2-3316 primary handholes, SDG&E 1-3314 primary handhole, SDG&E 1-3421 single phase transformer, SDG&E 2-secondary handholes, SDG&E 1-PME switch, and City of San Marcos 1-meter pedestal serving irrigation and streetlights. Additionally, due to the project development requirements, there would be a need to relocate an SDGE fuse cabinet from a partial easement position to a franchise/partial position.

1.2 California Environmental Quality Act Compliance

This document has been prepared to satisfy the California Environmental Quality Act (CEQA) (California Public Resources Code, Section 21000 et seq.), and the CEQA Guidelines (14 CCR 15000 et seq.). CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects. CEQA Section 15152 encourages lead agencies to tier

environmental analysis to avoid repetitive discussion within subsequent environmental documents and focus on issues directly related to the topic of evaluation.

1.3 Project Planning Setting

The project site is located at 1020 West San Marcos Boulevard (northwest corner of West San Marcos Boulevard and Via Vera Cruz), in the City of San Marcos (Assessor's Parcel Numbers 219-200-30, 219-200-31, and 219-200-45). Please refer to Figure 1, Project Location and Figure 2, Project Site. The existing project site has been previously disturbed and is currently developed with existing, primarily vacant, commercial uses and associated parking. Partial demolition of an existing on-site building would occur as part of the project. The project site is located in an urban area of the City surrounded on all sides by existing development, including industrial uses to the north, and commercial uses and associated paved parking to the east, west, and south.

1.4 Public Review Process

In accordance with CEQA, a good faith effort has been made during the preparation of this Initial Study/Mitigated Negative Declaration (IS/MND) to contact affected agencies, organizations, and persons who may have an interest in this project.

In reviewing the IS/MND, affected public agencies and the interested public should focus on the sufficiency of the document in identifying and analyzing the project's possible impacts on the environment. The Draft IS/MND and related documents are available for review on City's website:

https://www.san-marcos.net/departments/development-services/planning/environmental-review-sustainability/environmental-documents

Comments on the IS/MND may be made in writing before the end of the public review period. The public review period for this IS/MND is August 21 through September 20, 2023. Following the close of the public comment period, the City will consider this IS/MND and comments thereto in determining whether to approve the proposed project.

Written comments on the IS/MND should be sent to the following address by September 20, 2023, by 4:30 p.m.

City of San Marcos
Planning Division
1 Civic Center Drive
San Marcos, California 92069
Contact: Sean del Solar
Email: sdelsolar@san-marcos.net

1.5 Initial Study Checklist

Dudek, under the City's guidance, prepared the project's Environmental Checklist (i.e., IS) per CEQA Guidelines Sections 15063–15065. The CEQA Guidelines include a suggested checklist to indicate whether a project would have an adverse impact on the environment. The checklist is found in Section 2 of this document. Following the Environmental Checklist, Sections 2.1 through 2.21 include an explanation and discussion of each significance determination make in the checklist for the project.

For this IS/MND, the following four possible responses to each individual environmental issue area are included in the checklist:

1. Potentially Significant Impact
2. Less-than-Significant Impact with Mitigation Incorporated
3. Less-than-Significant Impact
4. No Impact

The checklist and accompanying explanation of checklist responses provide the information and analysis necessary to assess relative environmental impacts of the project. In doing so, the City will determine the extent of additional environmental review, if any, for the project.

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2 Initial Study Checklist

1. **Project title:**

   Restaurant Row Project

2. **Lead agency name and address:**

   City of San Marcos
   Development Services Department, Planning Division
   1 Civic Center Drive
   San Marcos, California 92069

3. **Contact person:**

   Sean del Solar, Senior Planner
   760.744.1050 ext. 3223
   sdelsolar@san-marcos.net

4. **Project location:**

   The project site is located at 1020 West San Marcos Boulevard (northwest corner of West San Marcos Boulevard and Via Vera Cruz), in the City of San Marcos (Assessor's Parcel Numbers 219-200-30, 219-200-31, and 219-200-45). Please refer to Figure 1, Project Location, and Figure 2, Project Site.

5. **Project sponsor's name and address:**

   Lennar
   16465 Via Esprillo, Suite 150
   San Diego, California 92127

6. **General plan designation:**

   The existing General Plan land use designations for the project site are Mixed-Use 1 (MU 1) and Light Industrial (L-I). The project includes a General Plan Amendment to change the existing General Plan designations of all parcels within the project area to Specific Plan Area (SPA).

7. **Zoning:**

   The existing zoning designations for the project site are Mixed-Use 1 (MU-1) and Light Industrial (L-I). The project includes a change of the existing zoning of all parcels within the project area to Specific Plan Area (SPA).

8. **Description of project. (Describe the whole action involved, including but not limited to later phases of the project, and any secondary, support, or off-site features necessary for its implementation. Attach additional sheets if necessary):**

   The project includes a General Plan Amendment, Zoning Amendment, Specific Plan, Tentative Map, and two Site Development Plans (one for the residential mixed-use development and one for the public park). The General Plan Amendment and Rezone would change the General Plan designation and zoning from

Light Industrial (L-I) and Mixed Use (MU-1) to Specific Plan Area (SPA). The Specific Plan (Appendix M to this IS/MND) serves as both a policy document and a regulatory document for the systematic implementation of the policies and goals of the General Plan. The Tentative Map presents the specific lot configuration for the site. The Site Development Plan will configure the site for townhome dwelling units, street configuration, infrastructure, recreational public open space, and private open space.

The project consists of redevelopment of a 10.5-acre site to include 10,400 square feet of commercial space, a 1.1-acre neighborhood public park, and 202 multifamily residential homes linked together by a series of pedestrian paseos and common use areas (Figure 3, Conceptual Site Plan). The project would require the demolition of 63,484 square feet of existing (primarily vacant) restaurant uses on site. However, elements from the Old California Restaurant Row would be preserved and incorporated into the project design to create an old meets new aesthetic that celebrates the history of the site. The approximate grading quantities for the project include approximately 4,500 cubic yards of cut, 16,800 cubic yards of fill, and 12,300 cubic yards of import.

Residential Component

Residential homes would consist of 8 three-bedroom townhomes over commercial (town over commercial); 17 “front street” townhomes ranging in size from three to four bedrooms; 57 “greencourt” townhomes ranging in size from two to four bedrooms; and 120 “motorcourt” townhomes ranging in size from two to three bedrooms. Private balcony/patio space would be included for each residential unit. Development of the project would be guided by the project’s Specific Plan, which provides development guidelines, policies, and regulatory measures (Appendix M).

Commercial and Mixed Use Component

The 10,400 square feet of proposed commercial and mixed-use spaces would be located along street frontages and adjacent to proposed plazas and paseos. As outlined in the Specific Plan (Appendix M), the intent of the pending commercial uses is to complement the existing restaurants adjacent to the project site. The goal of the commercial nodes along the southern project boundary adjacent to San Marcos Boulevard is to activate street activity by encouraging residents and visitors to shop, eat, linger, and stay along the San Marcos Boulevard corridor. The commercial nodes along the eastern project boundary would offer a place of connection to integrate the park, Western Paseo, and parking, into Restaurant Row. The commercial spaces would be limited to 10,400-square feet as allowed by the Specific Plan and would generally be located on the ground floor. Commercial tenant spaces would be built to suit and vary in size. The commercial spaces located below the Town over Commercial homes are smaller in size and range less than 15 feet in height. The commercial areas will have the ability to be subdivided depending on the retail market.

Commercial nodes, woven throughout residential and mixed-use buildings, would be located along the southern and eastern project boundaries, to encourage walkability and convenient access to on-site commercial uses as well as along West San Marcos Boulevard. The commercial nodes along the southern project boundary activate Restaurant Row, link commercial activity from adjacent properties along West San Marcos Boulevard, and create a new pedestrian-oriented street frontage encouraging residents and visitors to shop and eat along the San Marcos Boulevard corridor. The commercial node along the eastern project boundary offers a connecting space to interface with the park, Western Paseo, and parking into Restaurant Row.

Neighborhood Park Component

The public park design was developed through a series of public workshops, whereby multiple amenities were explored with the community. Based on the public workshops, the public park would include bench seating and tables, pergola, wayfinding signage, four standard pickleball courts with bleacher seating, a playground with rubber surfacing and play equipment, connecting walkways, a passive lawn area with amphitheater seating and hillside seating, and restroom facilities. The project would also provide for homeowners association (HOA)-maintained public gathering spaces on site, and a public dog park separated into two areas for large breed dogs and small breed dogs. All proposed common areas would be maintained by the HOA, with the exception of the public park which would be publicly owned and maintained. Public park parking would be maintained by the HOA.

Access, Roadways, and Off-Site Improvements

Primary project access would be via two driveways off West San Marcos Boulevard at the project's southern boundary. A secondary project access would be on the east from Via Vera Cruz via the alleyway (private drive G) heading westerly to the project. In alignment with the San Marcos Boulevard Multi-Way Complete Street Project, the project would construct a continuous center median along the project frontage on West San Marcos Boulevard. This would eliminate the left-turn ingress and egress movements at the western project driveway. The project would also include the following off-site improvements:

- Move the existing northern curb line along West San Marcos Boulevard approximately 16 feet into the project site to accommodate the proposed multi-way roadway improvements.
- Construct a raised curb along its frontage on West San Marcos Boulevard, which would separate the multi-way facility from the through travel lanes on West San Marcos Boulevard. These improvements would be non-vehicular capacity enhancing.
- As part of the multi-way improvements, the project includes reconstruction and widening of the existing sidewalk along its frontage, which would be constructed to City standards and would be Americans with American Disabilities Act (ADA) compliant.
- The project would replace the existing Class II bike lane along San Marcos Boulevard with the same facilities as in existing conditions.

The site would be linked together through a series of landscaped promenades and paseos that not only facilitate pedestrian and bicycle connectivity but create public spaces for people to congregate. The pedestrian connections would be punctuated with social gathering nodes and opportunities for public art. The north and south connecting paseo would link to the public park in the northeast portion of the Specific Planning area (Figure 5, Conceptual Public and Private Park Plan).

All project driveways would provide for full turning movements and would be designed to meet the design requirements codified in the California Fire Code. Additionally, adequate corner and stopping site distances would be maintained at all driveway locations.

The project would include circulation amenities such as an interconnected mobility system for bicycles, pedestrians, and vehicles in order to provide residents with safe movement within the project site; connections to existing roadways within the vicinity of the project site; and access to regional arterial and highway networks and Sprinter/Breeze transit services.

Based on the final multi-way design, the existing San Marcos Boulevard and Via Vera Cruz bus stop, located on the northwest corner of the West San Marcos Boulevard / Via Vera Cruz intersection, may be moved slightly in comparison to existing conditions, if moved at all. However, this change, would not substantially change the bus stop spacing along the route and would have minimum to no impact on the route's operations. The existing amenities at the bus stop would be replaced in kind to current conditions with additional new amenities being implemented for the relocation of bus stop.

Infrastructure and Utility Improvements

A Federal Emergency Management Agency (FEMA)-mapped 100-year floodplain, 500-year floodplain, and regulatory floodway occur across the northern portion of the site. The project would fill areas north and south of the floodway to raise the proposed buildings above the 100-year floodplain elevations with required freeboard. Grading and encroachments would be minimized within the floodway area. As part of the project, a park would be implemented in the existing floodway area with a variety of amenities tolerant of inundation (Figure 3, Conceptual Site Plan). The site design is intended to minimize floodway encroachments and results in minor changes to the existing condition 100-year water surface elevations. The proposed condition water surface elevations are generally lower than existing conditions (please see Section 2.10 below and Appendices F and G to this IS/MND).

The on-site drainage improvements in proposed conditions would consist of private streets, gutters, and curb inlets that tie into underground storm drain systems. The project would upsize the existing 30-inch public storm drainpipe that conveys the majority of the site to a double 36-inch storm drainpipe with a new alignment that transitions to a dual reinforced concrete box (RCP) before it discharges to the existing concrete channel. In addition, the project would construct some public improvements and street widening along the project frontage. These public improvements include center median improvements and a new side median for multi-way improvement lanes in West San Marcos Boulevard. The proposed drainage patterns would be relatively the same as in existing conditions, and the site would generally drain towards the existing 100-year floodway and drain to the west toward the existing concrete channel. The project is located within Vallecitos Water District's (VWD) boundaries for water and wastewater service. The proposed project would construct systems to connect to existing VWD infrastructure that currently serves the existing buildings on site; including construction of approximately 1,188 feet of new 10-inch PVC water main into the project site and replacement of approximately 714 feet of existing 8-inch ACP water main with new 10-inch PVC water main in the Alley Way. All water services to the site would be connected to a new 10-inch water main installed north of the project site in Alley Way (private drive G) and would upsize existing facilities to 10 inches. Sewer facilities would also be extended through Alley Way (private drive G), including construction of 1,541 feet of 8-inch PVC sewer main into the project site. Please refer to Section 2.19 below and Appendix F to this IS/MND.

Electricity and natural gas would be provided by SDG&E. Electrical facilities throughout the City include a combination of aboveground and belowground electrical distribution lines and utilities structures. The City's fiber-optic network is facilitated by a 72-strand fiber-optic line that runs on various streets throughout the City. All major arterials in the City have implemented fiber optics. The proposed project would require construction of private utility lines to connect to existing electrical lines and natural gas that currently serve the site. Due to the project development requirements, there will be a need to relocate an SDG&E fuse cabinet from a partial easement position to a franchise position.

Parking

Project development would result in the removal of 822 existing parking spaces that currently serve the Restaurant Row site, within the project boundaries. The project would remove 7 spaces that currently serve the Buffalo Wild Wings sites to accommodate the implementation of the multi-way along San Marcos Boulevard. The proposed project would provide 501 parking spaces on site, with 392 private garage spaces being reserved for project residents and 109 spaces being open to guests, retail patrons, park users, and other uses within the shopping center. The project would provide 4 electric vehicle (EV) charging stations and 17 EV ready stalls on site and would install charging stations in all private garage parking stalls. The project would also include four ADA parking stalls as part of the proposed parking, and one ADA van accessible space.

Landscaping

The project would include approximately 84,770 square feet of landscaped area throughout the project. Implementation of the project would introduce a landscape plan, and more vegetation and trees would be incorporated into site design than what currently exists on site (Figure 4, Conceptual Landscape Plan). Existing trees would need to be removed as a result of median reconfiguration; however, these trees would be replaced, and the project would add trees to the right-of-way. The City has a General Plan policy of 1-to-1 tree replacement for development projects. The project would remove 140 existing trees on site (47 existing standard trees and 93 existing palm trees), would protect 13 existing trees on site, and would plant 243 trees on site (204 proposed standard trees and 39 proposed palm trees).

Streetscape Design

The project would include streetscape design features such as street furniture, trash and recycling areas, bicycle racks, signage, and lighting to aid in the cohesive design of the project as outlined in the Specific Plan (Appendix M). Any street furnishing within the right-of-way along San Marcos Boulevard would be reviewed and approved by the City. A variety of fencing is proposed throughout the site. The type of fencing selected is based on location and use; types of fencing include residential horizontal wood fencing, solid vinyl fence, steel picket fencing, cable railing, vinyl-coated chain-link fence for the dog park, vinyl-coated chain-link fence for the pickle ball courts, and a glass and concrete masonry unit block combo wall separating the public park from proposed residential units to the south.

Construction Sequence and Development Phasing

As outlined in the Specific Plan prepared for the project site (Appendix M), construction of the proposed project is planned to be accomplished in four stages. Development of the site would be accomplished in six phases. Construction sequence and development phasing is subject to change and would be approved by the City's Building Division. The four stages of construction include: (1) land development – demolition of the existing structures and mass grading of the site; (2) residential construction – model homes from each product type would be completed in the initial production phases to enable sales to begin, with the rest of the homes to follow; (3) retail – construction of the commercial and mixed-use buildings would be completed; and (4) public improvements, including San Marcos multi-way and the public park, which are subject to additional review and permitting. It is anticipated that some of construction stages 2, 3 and 4 would overlap. The Conditions of Approval for the project would specify timing for each of the proposed stages.

After construction stage 1 is complete, residential construction would begin with model homes for each product type, followed by the rest of the homes to be built in six phases, during construction stage 2. Please refer to the Specific Plan for additional details related to construction sequencing and phasing (Appendix M).

Project Design Features

The project would incorporate the following project design features (PDFs) as a condition of approval:

PDF-1: The project would include 501 total parking spaces; 4 EV charging stations and 17 EV ready spaces would be included. Charging stations will be installed in all garage parking stalls.

PDF-2: The project would pay its fair-share contribution to bicycle infrastructure improvements.

PDF-3: The project would provide pedestrian connections throughout all uses on site and connection to adjacent sidewalks and existing roadways. The project would provide communal bicycle parking, and all living units would provide bicycle storage.

PDF-4: The project would install instantaneous electric water heaters without water tanks.

PDF-5: Based on the 10,400 square feet of commercial retail uses, the project would install a (10,400 x 2)/1,000 = 20.8 kilowatt solar photovoltaic system.

PDF-6: The project's landscaping would meet the requirements within the City's Water Efficient Landscape Ordinance. The project would include a landscape area of approximately 84,770 square feet.

PDF-7: The project would include a total of 243 trees.

PDF-8: Project implementation of permanent storm water quality best management practices (BMPs) that comprise of proprietary and non-proprietary biofiltration, hydromodification, and source control, and site design BMPs would effectively treat post-construction stormwater runoff prior to discharge from the site in compliance with the requirements of the City's 2023 BMP Design Manual and BMPs outlined in the project's Storm Water Quality Management Plan (SWQMP).

PDF-9: For residences with yard area that lies adjacent to the southern, eastern, or northern project site boundary, a 6-foot-high solid fence or landscape wall would be provided along the yard/project site boundary in order to ensure exterior noise levels from roadway traffic and adjacent commercial uses does not exceed 65 A-weighted decibels (dBA) Community Noise Equivalent Level (CNEL) in these yard areas.

PDF-10: For residences in the first row of structures adjacent to San Marcos Boulevard, to achieve the interior criterion of 45 dBA CNEL, exterior doors and windows located on the building façade facing San Marcos Boulevard should have a minimum Sound Transmission Classification (STC) rating of 35.

9. Surrounding land uses and setting (Briefly describe the project's surroundings):

The existing project site has been previously disturbed and is currently developed with existing, primarily vacant, commercial uses and associated parking and is located within Old California Restaurant Row in the City of San Marcos. The project site is currently situated on three parcels between the former Sears site

directly to the west, and three restaurants and a bank to the east. The project site is located in an urban area of the City surrounded on all sides by existing development, including industrial uses to the north, and commercial uses and associated paved parking to the east, west, and south. Surrounding uses include Wells Fargo Bank, a Buffalo Wild Wings restaurant, and additional restaurants to the east as well as health service and commercial buildings to the north. An unoccupied commercial site and a Regal Edwards Cinema are to the west. Vacant land and commercial uses are south along the opposite side of West San Marcos Boulevard.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

N/A.

11. Have California Native American tribes 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.?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21080.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

Yes, in compliance with Assembly Bill (AB) 52 and Senate Bill (SB) 18, the City, as lead agency, is responsible for conducting government to government consultation with pertinent tribal entities. To date, four Tribes have requested consultation, including San Luis Rey Band of Mission Indians on July 14, 2022; San Pasqual Band of Mission Indians on September 19, 2022; Rincon Band of Luiseño Indians on September 21, 2022; and Campo Band of Mission Indians on October 3, 2022. The City conducted consultation meetings with representatives of the San Luis Rey Band of Mission Indians on November 17, 2022; January 12, 2023; and February 16, 2023. Consultation with the San Luis Rey Band of Mission Indians concluded on April 16, 2023. The City conducted consultation meetings with representatives of the Rincon Band of Luiseño Indians on August 19, 2022, and December 20, 2022, with consultation concluding on December 21, 2022. Both the San Luis Rey Band of Mission Indians and Rincon Band of Luiseño Indians concluded formal consultation with the understanding that the project would implement the City's standard Tribal Cultural Resource mitigation measures. The project would implement these mitigation measures as outlined under MM-CUL-1 through MM-CUL-4 in Section 2.5 below. The City held one consultation meeting with the San Pasqual Band of Mission Indians on May 11, 2023. A consultation close-out letter was requested by the City on May 15, 2023. On October 18, 2023, the City notified the Campo Band of Mission Indians by letter of the opportunity to consult on the project. On October 3, 2022, the City received an emailed request from the tribe's Cultural Resources Manager, Daniel Tsosie, to consult under Senate Bill 18. The City transmitted the cultural resources report to Campo on October 18, 2022, and subsequent attempts to communicate with the tribe were not successful. The City attempted again on April 20 and July 24, 2023, to which the tribe did not respond or provide information on tribal cultural resources. Therefore, in accordance with Section 21082.3.(d)(2) of the Public Resources Code, which states that the tribe had requested consultation but failed to provide comments to the City, or otherwise failed to engage in the consultation process, the City concluded consultation with Campo on August 15, 2023.

Environmental Factors Potentially Affected

The environmental factors checked below 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 and Soils	☐ Greenhouse Gas Emissions	☐ Hazards and Hazardous Materials
☐ Hydrology and Water Quality	☐ Land Use and Planning	☐ Mineral Resources
☐ Noise	☐ Population and Housing	☒ Public Services
☐ Recreation	☐ Transportation	☒ Tribal Cultural Resources
☐ Utilities and Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

Determination (To be completed by the Lead Agency)

On the basis of this initial evaluation:

☐ 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 ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Signature

August 17, 2023

Date

Evaluation of Environmental Impacts

5. 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 where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
6. 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.
7. Once the lead agency has determined that a particular physical impact may occur, then 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 Environmental Impact Report (EIR) is required.
8. "Negative Declaration: Less Than Significant With Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "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).
9. Earlier analyses may be used where, pursuant to the 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 they 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 Measures 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.
10. 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.
11. Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
12. This is only a suggested form, 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.
13. 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 significance

2.1 Aesthetics

		Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
I.	**AESTHETICS –** Except as provided in Public Resources Code Section 21099, would the project**:**				
a)	Have a substantial adverse effect on a scenic vista?	☐	☐	☒	☐
b)	Substantially damage scenic resources including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☒	☐
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?	☐	☐	☒	☐
d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	☐	☐	☒	☐

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

Less-than-Significant Impact. A scenic vista is typically defined as a public view of highly valued visual and scenic resources such as the ocean and distant mountain ranges, particularly from public vantage points. As discussed in the City's General Plan, hillside and ridgeline areas visible throughout the City, as viewed from the State Route (SR-) 78 corridor and other locations such as parks and scenic roads, are considered valuable. The City's General Plan does not identify any designated scenic vistas; however, the General Plan more generally aims to protect the City's scenic resources such as the San Marcos, Merriam, and Double Peak Mountains; creek corridors; mature trees; rock outcroppings; and ocean views. The project site and surrounding valley terrain are encompassed by mountains to the west and south that provide opportunities for elevated vantage points offering long and broad views, which may include views of the project site. However, due to the relatively flat terrain of the project site and surrounding area, and the project site's location on a currently developed site in an urbanized area, development of the proposed project is not expected to impede views of existing scenic vistas; nor is the project site considered a scenic vista. As such, impacts would be less than significant.

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

Less-than-Significant Impact. SR-78 is located approximately 0.5 miles north of the project site. However, the section of SR-78 proximate to the project site is not identified as a Scenic Highway per the California

Department of Transportation (Caltrans) State Scenic Highways Program (Caltrans 2022). Additionally, a portion of SR-78 is also identified as an Eligible State Scenic Highway; however, this eligible segment begins approximately 26 miles east of the project site in Santa Ysabel. The nearest eligible state scenic highway is Interstate 5 (I-5). I-5 is located approximately 7 miles west of the project site and is not visible due to distance.

Although the project site is not located within a viewshed of a state scenic highway, the City has designated SR-78 as a view corridor to surrounding ridgelines. However, views of the project site from SR-78 are generally limited due to existing commercial developments, existing landscaping, and the speed of motorists on SR-78. Even with development of the proposed project, views of the surrounding hillsides and ridgelines are not expected to be substantially obstructed from SR-78. In addition, the project site is located on a currently developed site within an urbanized area. Visual quality would not substantially differ from existing conditions. Impacts would be less than significant.

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 City of San Marcos is considered an urbanized area pursuant to California Public Resources Code Section 21071. Therefore, the first question of Threshold c) does not apply to the proposed project, as it is directed at non-urbanized areas.

The visual character of the site would be altered by the proposed project, as it would change the existing restaurant uses into a higher density mixed-use residential development. While the proposed project would change the existing visual character on the site, it is not characterized as substantial degradation since few public vantage points of the project site exist and the site is entirely surrounded by adjacent development in a highly urbanized area. Although the proposed mixed-use residential uses would differ in land use designation and visual character in comparison to the immediately surrounding commercial and industrial land uses, the proposed mixed-use residential development would conform to the existing urbanized character of the surrounding area and would not substantially change the views from any public viewpoint. With City approval of the proposed land use and zoning change from Mixed-Use 1 (MU 1) and Light Industrial (L-I) to Specific Plan Area (SPA), the proposed project would be required to comply with design standards of the approved Specific Plan (Appendix M) for the project site, including building placement and building height. Building height would allow for 2 stories minimum, with up to an additional 15 feet that may be permitted for special architectural features and roof line variation. Additionally, the Specific Plan includes landscaping standards, including specifics for tree selections that shall be upright, vertically oriented species.

As described in the Specific Plan (Appendix M), the goal of the architectural design is to encourage connection, while providing a transition zone to the residential areas within the Specific Plan area. The architecture along San Marcos Boulevard frames large plazas and outdoor dining areas that wrap the site and lead to the park at the northeast corner of the development. Private residential areas are reinforced by the use of private drives/streets and tighter paseos framed by taller buildings compared to the open spaces and common plazas shared by the retail and dining areas. The project would draw inspiration from Old California Restaurant Row through its colors and materials. Referential materials and colors would occur off San Marcos Boulevard and in the commercial buildings adjacent to the park. These materials would be contrasted by the contemporary residential developments characterized by contemporary colors, materials, and forms. The proposed design on-site intends to create a stronger contrast between the history

of the site and the new architectural development. The project would incorporate Old California Restaurant Row inspired materials, and would pair them with cool and muted grays of various shades to give the area a modern aesthetic. Residential components of the project site would include materials such as smooth stucco, metal shading elements, wood accents, stone veneer, lap siding accents, and contemporary brick; while the mixed-use components of the project would include materials such as wooden beams, various wooden siding, tumbled brick with heavy mortar joints, heavy metal accents and metal siding, corrugated metal, and integration of historical features (i.e., bells, beams, signage details).

The proposed project would not conflict with any applicable zoning or other regulations governing scenic quality. Therefore, impacts are determined to be less than significant.

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. Lighting in the project vicinity is associated with roadway lighting and lighting associated with the existing commercial and industrial uses that surround the project site. Development of the proposed project would result in new sources of light from the residential units, commercial uses, landscaping lighting, security lighting, and internal circulation and pedestrian lighting. Although more light sources are anticipated from the proposed project in comparison to existing conditions, the increase in lighting is not expected to be substantial, seeing as the site is developed in existing conditions and surrounded by lighting associated with adjacent development and roadways. Additionally, all lighting associated with the project would be required to comply with the City of San Marcos Municipal Code (SMMC) Section 20.300.080, Light and Glare Standards (City of San Marcos 2022a), as well as the conceptual lighting plan and lighting standards outlined in the Specific Plan (Appendix M). The project includes catenary, bollard, york mount, arm mount, and wall mount lighting throughout the project site. Although the proposed project would result in new sources of light in the area, the project site is in an urbanized area and is surrounded by existing development with existing sources of day and nighttime lighting. Compliance with the SMMC would minimize and restrict nighttime light pollution and light trespass on adjacent properties.

Implementation of the proposed project could potentially include sources of glare from architectural finishes or amenities on site. The project developer would be required by the SMMC Section 20.300.080, Light and Glare Standards, to minimize use of reflective building materials and finishes, as well as reflective lighting structures and metallic surfaces to the extent feasible to impede any potential-generated glare. The proposed project would not propose any features that would be characterized as creating a substantial new source of glare that would adversely affect daytime or nighttime views in the area. Compliance with the SMMC would result in less-than-significant impacts associated with light and glare.

2.2 Agriculture and Forestry Resources

		Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
II.	**AGRICULTURE AND FORESTRY RESOURCES** – 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 Department 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:				
a)	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?	☐	☐	☐	☒
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d)	Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
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?	☐	☐	☐	☒

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?***

No Impact. The project site is designated as Urban and Built-Up Land by the California Department of Conservation Farmland Mapping and Monitoring Program (CDC 2016). As a result, the proposed project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance to non-agricultural uses.

No Prime Farmland, Unique Farmland, nor Farmland of Statewide Importance exist within the immediate vicinity of the project site. The proposed project would not result in substantial changes that could result in

the conversion of farmland to non-agricultural use. The proposed project site is surrounded entirely by developed land, with the exception of one vacant lot adjacent to the southern portion of the site. This vacant lot is designated as "Other Land" by the CDC Farmland Mapping and Monitoring Program. Surrounding development adjacent to the project site include industrial, mixed Use, and commercial uses. Given the extent of development surrounding the proposed project site, the proposed project would not result in the conversion of any existing farmland, and no impact would occur.

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

No Impact. The project site is not zoned for agricultural use or designated as land under the Williamson Act, nor is the project site zoned for forest land or timberland production (CDC 2016). Therefore, implementation of the proposed project would not result in the loss or conversion of forest land. No impact would occur regarding conflicts with existing zoning for agricultural use or forest land.

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

No Impact. Please see response to Thresholds a) and b) above.

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

No Impact. Please see response to Thresholds a) and b) above.

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?***

No Impact. Please see response to Thresholds a) and b) above.

2.3 Air Quality

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
III. AIR QUALITY – 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?	☐	☐	☒	☐
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?	☐	☐	☒	☐
c) Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☒	☐

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	☐	☐	☒	☐

Dudek prepared an Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the project which is included as Appendix A to this IS/MND. The analysis herein is based on findings of Appendix A. Full details regarding air quality as it relates to the project can be found in Appendix A.

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 the San Diego Air Basin (SDAB) and is subject to San Diego Air Pollution Control District (SDAPCD) guidelines and regulations. The SDAB lies in the southwest corner of California, which comprises the entire San Diego region, and covers approximately 4,260 square miles. The SDAPCD is the regional agency responsible for the regulation and enforcement of federal and state regulations. California Air Resources Board (CARB) is responsible for the regulation of mobile emissions sources within the state, local air quality management districts and air pollution control districts are responsible for enforcing air quality standards and regulating stationary sources.

An area is designated in attainment when it is in compliance with the National Ambient Air Quality Standards (NAAQS) (federal) and/or California Ambient Air Quality Standards (CAAQS) (state). These standards are set by the Environmental Protection Agency or the CARB for the maximum level of a given air pollutant that can exist in the outdoor air without unacceptable effects on human health or the public welfare. The criteria pollutants of primary concern that are considered in an air quality assessment include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter less than or equal to 10 microns in diameter (PM_{10}), particulate matter less than or equal to 2.5 microns in diameter ($PM_{2.5}$), lead, and toxic air contaminants. Volatile organic compounds (VOCs) and oxides of nitrogen (NO_x) are precursors to the formation of ground-level O_3.

The Regional Air Quality Strategy (RAQS) outlines SDAPCD's plans and regulatory control measures designed to attain state air quality standards for ozone. The RAQS, which was adopted by the San Diego County Air Pollution Control Board in 1992, is updated on a triennial basis, with the most recent revision adopted in 2023. The State Implementation Plan (SIP) and RAQS rely on information from CARB and the San Diego Association of Governments (SANDAG), including mobile and area source emissions as well as information regarding projected growth in the County as a whole and the cities in the County, to project future emissions and determine the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by the County and the cities in the County as part of the development of their general plans.

If a project involves development that is greater than that anticipated in the local plan and SANDAG's growth projections, the project might be in conflict with the SIP and RAQS and may contribute to a potentially significant cumulative impact on air quality. The northern portion of the project site includes 1.63 acres of

existing vacant light industrial zoned land, while the remaining portion of the total 10.5-acre project area is zoned Mixed-Use 1 (MU-1) and built with an existing 63,484 square feet of restaurant uses. Therefore, the project requires a General Plan Amendment and rezone to change the General Plan designation and zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-I) to Specific Plan Area (SPA). The current RAQS assumptions would include the project site based on emissions of VOC and NO_x from land uses of zoning of L-I and MU-1 It should be noted that the current low-density single-story restaurant complex does not conform with the current zoning, and the proposed SPA would result in development standards that conform substantially to the MU-1 development standards.

The Air Quality and Greenhouse Gas Emissions Analysis Technical Report prepared for the proposed project determined that the project would not result in a more intensive land use than currently allowed under the City's General Plan (City of San Marcos 2012a), which SDAPCD's RAQS emissions forecast is based on. Therefore, the proposed project would not conflict with the SIP and RAQS and would result in a less-than-significant impact on air quality. As presented in the July 2021, General Plan Housing Element, the most recent Regional Housing Needs Assessment from SANDAG stated that San Marcos's share of regional future housing needs is 3,116 new units between April 15, 2021, and April 15, 2029. As of June 30, 2020, 546 housing units have been planned or approved for development, with 2,570 units remaining needed to be developed in the City. The project is expected to bring 202 units to market in 2027, which would be within SANDAG's growth projection for housing during the 6th Cycle planning horizon.

The General Plan Amendment and zone change to Specific Plan Area (SPA) is not anticipated to result in air quality impacts that were not envisioned in the growth projections and RAQS, and this minor increase in residential units (202 units) in the region would not obstruct or impede implementation of local air quality plans. The project would be consistent at a regional level with the underlying growth forecasts emissions in the RAQS. Impacts would be less than significant.

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-Significant Impact. The Air Quality and Greenhouse Gas Emissions Analysis Technical Report prepared for the proposed project evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the project. Impacts were evaluated for their significance based on the County of San Diego's mass daily criteria air pollutant thresholds of significance (County of San Diego 2007), which is based on SDAPCD Rules 20.2 and 20.3 (SDAPCD 1998, 2021). Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated include VOCs, oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Construction Emissions

Proposed construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing from architectural coatings and asphalt pavement application) and off-site sources (i.e., on-road haul trucks,

delivery trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and for dust, the prevailing weather conditions. Therefore, such emissions levels can only be estimated, with a corresponding uncertainty in precise ambient air quality impacts.

Criteria air pollutant emissions associated with construction activity were quantified using the California Emissions Estimator Model (CalEEMod). Construction emissions were calculated for the estimated worst-case day over the construction period associated with each phase and reported as the maximum daily emissions estimated during each year of construction (2024–2026). Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the applicant or CalEEMod defaults and are intended to represent a reasonable scenario based on the best information available. NO_x and CO emissions would primarily result from the use of construction equipment and motor vehicles.

Fugitive dust (PM_{10} and $PM_{2.5}$) emissions would primarily result from grading and site preparation activities. The project would be required to comply with SDAPCD Rule 55, Fugitive Dust Control, which would require the project to limit fugitive dust (PM_{10} and $PM_{2.5}$) generated during grading and construction activities. To account for dust control measures in the calculations, it was assumed that the project would ensure that active sites be watered at least two times daily. The application of architectural coatings, such as exterior application/interior paint and other finishes would produce VOC emissions. The contractor would also be required to comply with the requirements of SDAPCD's Rule 67.7, Cutback and Emulsified Asphalt, which would limit VOC emissions from asphalt off-gassing.

Table 8 in Appendix A presents the estimated maximum daily construction emissions generated during construction of the project. Details of the emission calculations are provided in Appendix A. As determined in the Air Quality and Greenhouse Gas Emissions Analysis Technical Report, maximum daily construction emissions would not exceed the significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction (Appendix A).

Operational Emissions

Following the completion of construction activities, the project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources, including vehicular traffic; energy sources from natural gas usage; and area sources, including the use of landscaping equipment, consumer products, and from architectural coatings. Pollutant emissions associated with long-term operations were quantified using CalEEMod using a combination of project-specific information and CalEEMod default values.

Table 9 in Appendix A presents the maximum daily area, energy, and mobile source emissions associated with project operation. Details of the emission calculations are provided in Appendix A. As shown in Table 9 in Appendix A, the maximum daily emissions of the project would not exceed the significance thresholds for any criteria air pollutants.

The SDAB has been designated as a federal nonattainment area for O_3 and a state nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from various sources of air pollutants and their precursors within the SDAB, including motor vehicles, off-road equipment, and commercial and industrial facilities. Construction and operation of the project would generate VOC and NO_x emissions (which are precursors to O_3) and emissions of PM_{10} and $PM_{2.5}$. However, as indicated in Tables 1

and 2 of Appendix A, project-generated construction and operational emissions would not exceed the emission-based significance thresholds for VOC, NO_x, PM_{10}, or $PM_{2.5}$.

Cumulative localized impacts would potentially occur if a construction project were to occur concurrently with another off-site project. Construction schedules for potential future projects near the project area are currently unknown; therefore, potential construction impacts associated with two or more simultaneous projects would be considered speculative. However, future projects would be subject to CEQA and would require air quality analysis and, where necessary, mitigation if the project would exceed applied thresholds. Criteria air pollutant emissions associated with construction activity of future projects would be reduced through implementation of control measures required by the SDAPCD. Cumulative air quality impacts are basin-wide, and air quality is affected by all pollutant sources in the basin. As the individual project thresholds are designed to help achieve attainment with cumulative basin-wide standards, they are also appropriate for assessing the project's contribution to cumulative impacts. As shown in Tables 8 and 9 of Appendix A, emissions would be less than applicable screening thresholds. As emissions would be less than the screening thresholds, the project would not result in cumulative considerable impact. Therefore, the project's cumulative air quality impact would be less than significant.

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

Less-than-Significant Impact. Air quality varies as a direct function of the amount of pollutants emitted into the atmosphere, the size and topography of the air basin, and the prevailing meteorological conditions. Air quality problems arise when the rate of pollutant emissions exceeds the rate of dispersion. Reduced visibility, eye irritation, and adverse health impacts on those persons termed "sensitive receptors" are the most serious hazards of existing air quality conditions in the area. Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution, as identified by CARB, include children, older adults, athletes, and people with cardiovascular and chronic respiratory diseases. As such, sensitive receptors include residences, schools, playgrounds, childcare centers, athletic facilities, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes.

The SDAPCD identifies sensitive receptors as those who are especially susceptible to adverse health effects from exposure to toxic air contaminants (TACs), such as children, the elderly, and the ill. Sensitive receptors include schools (grades Kindergarten through 12), day care centers, nursing homes, retirement homes, health clinics, and hospitals within 2 kilometers of the facility (SDAPCD 2019). Based on SDAPCD guidance, the nearest existing sensitive receptors include single-family residential (>1,000 feet away), EZ Living Mobile Home Park (~1,500 feet away), and Big Future Preschool (>850 feet).

Health Impacts of Carbon Monoxide

Regionally, project-related travel would add to regional trip generation and increase the vehicle miles traveled within the local airshed and the SDAB. Locally, project-generated traffic would be added to the County's roadway system near the project site. If such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and is operating on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SDAB is steadily decreasing. In addition, according to the

Local Transportation Assessment (Appendix I), the project would reduce average daily trips coming from the project site, compared to the existing restaurants. As shown in Table 6 in Appendix A, the project would result in an estimated reduction of 4,665 average daily trips to local roadways.

To verify that the project would not cause or contribute to a violation of the CO standards, a screening evaluation of the potential for CO hotspots was conducted using the County of San Diego screening threshold of 3,000 peak trips (Appendix A). The trip rates for the project are based on the Local Transportation Assessment and Vehicle Miles Traveled Analysis prepared for the project (Appendix I and Appendix J) . Based on this data, there would be approximately 118 trips during the AM peak-hour and 153 trips during the PM peak-hour, which would be minimal in comparison to the screening threshold of 3,000 peak trips. In addition, the project would reduce average daily trips coming from the project site, compared to the existing restaurants. Therefore, the project would not result in a CO hotspot and would result in a less-than-significant impact.

Health Effects of Other Criteria Air Pollutants

As discussed above, project construction and operation would not exceed significance thresholds for VOC, NO_x, CO, SO_x, $PM_{10,}$ or $PM_{2.5}$. VOCs and NO_x are precursors to O_3, for which the SDAB is designated as nonattainment with respect to the NAAQS and CAAQS. The increases in O_3 concentrations in the SDAB due to O_3 precursor emissions tend to be found downwind from the source location to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O_3 CAAQS/NAAQS tend to occur between April and October when solar radiation is highest. The project would not exceed the significance thresholds for VOC or NO_x; therefore, implementation of the project would contribute minimally to regional O_3 concentrations and the associated health effects.

In addition to O_3, NO_x emissions contribute to potential exceedances of the NAAQS and CAAQS for NO_2. However, project construction would be relatively short term, and off-road construction equipment would be operating at various portions of the site and would not be concentrated in one portion of the site at any one time. In addition, existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards. As such, the project would not result in potential health effects associated with NO_2 and NO_x.

Construction and operation of the project would also not exceed thresholds for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter or obstruct the SDAB from coming into attainment for these pollutants. Additionally, the project would implement dust control strategies and be required to comply with SDAPCD Rule 55, Fugitive Dust Control, which limits the amount of fugitive dust generated during construction. Due to the minimal contribution of particulate matter during construction and operation, the project is not anticipated to result in health effects associated with PM_{10} or $PM_{2.5}$.

The project would not result in any potentially significant contribution to local or regional concentrations of nonattainment pollutants and would not result in a significant contribution to the adverse health impacts associated with those pollutants. Impacts would be less than significant.

Health Impacts of Toxic Air Contaminants

In addition to impacts from criteria pollutants, project impacts may include emissions of pollutants identified by the state and federal government as TACs or hazardous air pollutants. State law has

established the framework for California's TAC identification and control program, which is generally more stringent than the federal program and aimed at TACs that are a problem in California. The state has formally identified more than 200 substances as TACs, including the federal hazardous air pollutants, and is adopting appropriate control measures for sources of these TACs. The greatest potential for TAC emissions during construction would be diesel particulate emissions from heavy equipment operations and heavy-duty trucks and the associated health impacts to sensitive receptors. The following measures are required by state law to reduce DPM emissions:

- Fleet owners of mobile construction equipment are subject to the CARB Regulation for In-use Off-road Diesel Vehicles (13 CCR 2449), the purpose of which is to reduce diesel particulate matter and criteria pollutant emissions from in-use (existing) off-road diesel-fueled vehicles.
- All commercial diesel vehicles are subject to Title 13, Section 2485 of the California Code of Regulations, limiting engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading shall be limited to five minutes; electric auxiliary power units should be used whenever possible.

Health effects from carcinogenic air toxics are usually described in terms of cancer risk. The SDAPCD recommends an incremental cancer risk threshold of 10 in a million (SDAPCD 2015b). "Incremental cancer risk" is the net increased likelihood that a person continuously exposed to concentrations of TACs resulting from a project over a 9-, 30-, and 70-year exposure period will contract cancer, per the standard Office of Environmental Health Hazard Assessment risk-assessment methodology (OEHHA 2015). The project would not require the extensive operation of heavy-duty construction equipment, which is subject to a CARB Airborne Toxics Control Measure for in-use diesel construction equipment to reduce diesel particulate emissions and would not involve extensive use of diesel trucks, which are also subject to a CARB Airborne Toxics Control Measure.

As shown in Table 7 in Appendix A, maximum daily PM_{10} or $PM_{2.5}$ emissions generated by construction equipment operation and haul-truck trips during construction, which is based on exhaust and fugitive dust generated by equipment operation and vehicle travel, would be well below the significance thresholds. Moreover, total construction of the project would last approximately 30 months, after which project-construction TAC emissions would cease. Thus, the duration of the proposed construction activities would only constitute a small percentage of the total 30-year exposure period. In regard to long-term TAC emissions and as a residential project, the project would result in a minimal increase in daily truck traffic on the roadway network and would not require stationary sources (such as diesel emergency generators). As previously described, the nearest existing sensitive receptors are located more than 850 feet away from the project site and diesel particulate matter would disperse quickly. Therefore, the exposure of project-related TAC emission impacts to proximate sensitive receptors would be less than significant.

Valley Fever

Coccidioidomycosis, more commonly known as "Valley Fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. Valley Fever is not considered highly endemic to San Marcos. Even if present at a site, earth-moving activities may not result in increased incidence of Valley Fever. Construction of the project would comply with SDAPCD Rule 55, Fugitive Dust Control, which limits the amount of fugitive dust generated during construction. SDAPCD Rule 55 is intended to reduce PM_{10} emissions from any transportation, handling,

construction, or storage activity that has the potential to generate fugitive dust. Based on the low incidence rate of coccidioidomycosis on the project site and in the County, and with the project's implementation of dust control strategies and Valley Fever awareness and training, it is not anticipated that earth-moving activities during project construction would result in exposure of nearby sensitive receptors to Valley Fever. Therefore, the project would have a less-than-significant impact with respect to Valley Fever exposure for sensitive receptors.

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. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. In addition, the project would not include land-use types that would generate odors during operation. Therefore, project construction and operations would result in odor impacts that are determined to be less than significant.

2.4 Biological Resources

	Potentially Significant Impact	Potentially Significant Unless Mitigated	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 Game 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 Game 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?	☐	☐	☒	☐

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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?	☐	☐	☒	☐

Dudek prepared a Biological Resources Letter Report for the project, which is included as Appendix B to this IS/MND. The analysis herein is based on findings of Appendix B. Full details regarding biological resources as it relates to the project can be found in Appendix B.

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 Game or U.S. Fish and Wildlife Service?

Potentially Significant Unless Mitigated**.** According to the Biological Resources Letter Report (Appendix B) prepared for the project, the project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. Urban/Developed refers to areas that have been constructed on or disturbed so severely that native vegetation is no longer supported. Urban development is present to the north, south, east, and west of the site. No natural land covers or potential habitat is located on or adjacent to the site. Because of the singular land cover type present (Urban/Developed), no specific investigation of species present within land cover types was warranted, as no natural land cover types or habitat are present within the site or directly adjacent.

The site consists entirely of Urban/Developed land cover type and does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special status wildlife species. Similarly, the site does not contain any natural vegetation communities or land cover types that are known to provide habitat to any special status plant species.

Based on the results of the site assessment and land cover type mapped in the project site, the site does not contain sensitive habitat and does not have the potential to support special-status species that would require mitigation if impacted. While no land cover types were observed that have a likelihood of utilization for nesting by migratory birds, native bird species have the potential to perch, or otherwise utilize non-native ornamental trees within the landscaping and would be protected by the Migratory Bird Treaty Act (MBTA). In order to comply with the MBTA, a pre-construction nesting bird survey will be conducted if demolition or construction occurs within the nesting season (January 15 to August 31) (mitigation measure **MM-BIO-1**). As such, due to the lack of natural vegetation communities that would provide habitat to special wildlife species, impacts are determined to be less than significant with mitigation incorporated.

MM-BIO-1: To comply with the Migratory Bird Treaty Act, a pre-construction nesting bird survey would be conducted if demolition or construction occurs within the nesting season (January 15 to August 31).

b) Would the project 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 Game or U.S. Fish and Wildlife Service?

Less-than-Significant Impact. As described above, a Biological Resources Letter Report (Appendix B) has been prepared for the proposed project, which outlines that the project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. No natural land covers or potential habitat is located on or adjacent to the site. The site consists entirely of Urban/Developed land cover type and does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special-status wildlife species. Similarly, the site does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special status plant species.

Based on the results of the site assessment and land cover type mapped in the project site, the site does not contain riparian habitat or other sensitive natural communities. Therefore, impacts would be less than significant.

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?

Less-than-Significant Impact. As described above, a Biological Resources Letter Report (Appendix B) has been prepared for the proposed project, which outlines that the project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. No natural land covers or potential habitat is located on or adjacent to the site. The site consists entirely of Urban/Developed land cover type and does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special-status wildlife species. Similarly, the site does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special status plant species.

No potentially jurisdictional aquatic features were observed within the site, as it is entirely developed. No wetlands or other aquatic features were observed, though a formal jurisdictional delineation was not conducted during the site review. Las Posas Creek and San Marcos creek are located to the west and south of the site, respectively. Since these two streams are greater than 1,000 feet away from the site, with the major streets of South Las Posas Road and West San Marcos Creek Boulevard located between the site and the streams, no indirect or peripheral impacts to these nearby aquatic resources are likely to result from project implementation.

Based on the results of the site assessment and land cover type mapped in the project site, the site does not contain any state or federally protected wetlands. As such, implementation of the project would not result in a substantial adverse effect on wetland habitat, and impacts would be less than significant.

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 native wildlife nursery sites?

Less-than-Significant Impact. As described above, a Biological Resources Letter Report (Appendix B) has been prepared for the project, which outlines that the project site consists entirely of Urban/ Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. The site consists entirely of Urban/Developed land cover type and does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special status wildlife species. Similarly, the site does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special status plant species.

Based on the results of the site assessment and land cover type mapped in the project site, the site does not contain sensitive habitat and does not have the potential to support special-status species that would require mitigation if impacted. While no land cover types were observed which have a likelihood of utilization for nesting by migratory birds, native bird species have the potential to perch, or otherwise utilize non-native ornamental trees within the landscaping and would be protected by the MBTA. As previously discussed, in order to comply with the MBTA, a pre-construction nesting bird survey would be conducted if demolition or construction occurs within the nesting season (January 15 to August 31). With the incorporation of the pre-construction nesting bird survey, impacts would be less than significant.

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

Less-than-Significant Impact. Section 14.12.200 of the City's Municipal Code provides that where a permit is required for excavation, fill, or obstruction for installation or repair of utilities under any public street, sidewalk, trail, or public place, such construction should be located away from trees. As described above, the project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. The site consists entirely of Urban/Developed land cover type and does not contain any natural vegetation communities of land cover types. As part of project construction, the majority of existing trees would need to be removed as a result of median reconfiguration; however, these trees would be replaced, and the project would add trees to the right-of-way. The City has a General Plan policy of 1-to-1 tree replacement for development projects. The project would remove 140 existing trees on site (47 existing standard trees and 93 existing palm trees); would protect 13 existing trees on site; and would plant 243 trees on site (204 proposed standard trees and 39 proposed palm trees). Implementation of the project would introduce a landscape plan, and more vegetation and trees would be incorporated into site design than what currently exists on site (Figure 4, Conceptual Landscape Plan). As such, the project would comply with the City's Municipal Code, and impacts would be less than significant.

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?

Less-than-Significant Impact**.** In June 2022, Dudek performed a general review of the project site to assess and document existing conditions of biological resources present, and to evaluate the presence of appropriate habitat for nesting birds and special-status plant and wildlife species. Dudek created an updated map of the land cover types present within the study area. No physical site visit was conducted,

based on the singular land cover type of Urban/Developed. Dudek reviewed regional California Natural Diversity Database occurrence data (CDFW 2023) to identify special-status plant and wildlife species that are known to occur within a nine-quad radius of the project site. Database search results are provided as part of Appendix B to this IS/MND. Land covers within the survey area were mapped in a geographic information system (GIS)-based on general definition criteria. Aerial base map imagery of the study area, and GIS coverage was created. The vegetation community and land cover mapping follow the Draft Vegetation Communities of San Diego County (Oberbauer et al. 2008), which is based on the Preliminary Descriptions of the Terrestrial Natural Communities of California (Holland 1986).

The project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. As discussed in response to Threshold e) above, the majority of the existing trees on site would need to be removed as a result of median reconfiguration. The project would remove 140 existing trees on site (47 existing standard trees and 93 existing palm trees); would protect 13 existing trees on site; and would plant 243 trees on site (204 proposed standard trees and 39 proposed palm trees). The site consists entirely of Urban/Developed land cover type and does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special-status wildlife species. Similarly, the site does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special-status plant species. Nevertheless, in order to comply with the MBTA, a pre-construction nesting bird survey (MM-BIO-1, identified above under Threshold 2.4a) will be conducted if demolition or construction occurs within the nesting season (January 15 to August 31).

Based on the results of the Biological Resources Letter Report (Appendix B), implementation of the proposed project would not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Plan, or other applicable plan related to biological resources. Therefore, impacts would be less than significant.

2.5 Cultural Resources

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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?	☐	☐	☒	☐

Dudek prepared Cultural Resources Phase I Inventory Report for the project, which is included as Appendix C to this IS/MND. The analysis herein is based on findings of Appendix C. Full details regarding cultural resources as it relates to the project can be found in Appendix C. Additionally, a Built Environment Historic Resources Memorandum was

prepared for the project by Dudek and is included as Appendix O to this IS/MND. The historic resources analysis herein is based on findings of Appendix O.

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

Less-than-Significant Impact. A historical resource is one that meets the eligibility criteria for the California Register of Historical Resources. This includes "any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California" (PRC Section 5020.1[j]). The significance of a historic resource is impaired when a project demolishes or materially alters those physical characteristics that convey its significance.

As discussed in the Cultural Report (Appendix C), the records search conducted for the project identified 25 cultural resources within the 1-mile search radius outside the project site. None of the identified resources occur within the project site. The project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. As outlined in the Built Environment Historic Resources Memorandum prepared for the project (Appendix O), there are buildings located within the proposed project site associated with "Old California Restaurant Row" that appear to date to 1978, which as of 2023 would make them 45 years old. No previously identified built environment cultural resources, including the extant buildings located within the project site, have been previously recorded, evaluated, considered eligible, or were found during research to be formally listed in a federal, state, or local register. In consideration of these factors, there are no known historical resources for the purposes of CEQA located within the project site.

As described in the project description, the project would require the demolition of 63,484 square feet of existing (primarily vacant) restaurant uses on site. However, elements from the Old California Restaurant Row would be preserved and incorporated into the project design to create an old meets new aesthetic that celebrates the history of the site. Because none of the existing buildings are designated as historical resources, it is determined that impacts would be less than significant.

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

Potentially Significant Unless Mitigated. The project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. No archaeological resources were observed within the project site during the pedestrian survey. However, based on the results of the record search and previously identified cultural resources in the project area, the surrounding area has been utilized extensively prehistorically resulting in a moderate sensitivity for identifying intact subsurface archaeological deposits during project implementation. Implementation of the proposed project could potentially impact archaeological resources during construction.

Undocumented fill was likely deposited in the project area in the mid-1970s, ranging from 3 feet to 19 feet below ground surface. No prehistoric or historic age resources will be present within the fill sediment; however, there is potential to encounter cultural resources within young alluvium sediments below the fill.

In order to mitigate potentially significant impacts to buried archaeological resources that could be encountered during site grading, mitigation measures **MM-CUL-1** through **MM-CUL-4** would be implemented. With the implementation of MM-CUL-1 through MM-CUL-4 outlined below, potential impacts related to archaeological resources would be less than significant.

MM-CUL-1: Pre-excavation Agreement. Prior to the issuance of a grading permit or ground-disturbing activities, the Applicant/Owner shall enter into a Tribal Cultural Resources Treatment and Repatriation Agreement (Pre-excavation Agreement) with a Traditionally and Culturally Affiliated Native American Tribe (TCA Tribe), identified in consultation with the City. The purpose of the Pre-excavation Agreement shall be to formalize protocols and procedures between the Applicant/Owner and the TCA Tribe for the protection, treatment, and repatriation of Native American human remains, funerary objects, cultural and/or religious landscapes, ceremonial items, traditional gathering areas, and other Tribal Cultural Resources. Such resources may be located within and/or discovered during ground-disturbing and/or construction activities for the proposed project, including any additional culturally appropriate archaeological studies, excavations, geotechnical investigations, grading, preparation for wet and dry infrastructure, and other ground-disturbing activities. Any project-specific monitoring plans and/or excavation plans prepared by the project archaeologist shall include the TCA Tribe requirements for protocols and protection of Tribal Cultural Resources that were agreed to during the tribal consultation.

The landowner shall relinquish ownership of all non-burial related tribal cultural resources collected during construction monitoring and from any previous archaeological studies or excavations on the project site to the TCA Tribe for proper treatment and disposition per the Pre-excavation Agreement, unless ordered to do otherwise by responsible agency or court of competent jurisdiction. The requirement and timing of such release of ownership, and the recipient thereof, shall be reflected in the Pre-excavation Agreement. If the TCA Tribe does not accept the return of the cultural resources, then the cultural resources will be subject to curation.

MM-CUL-2: Construction Monitoring. Prior to the issuance of a grading permit or ground-disturbing activities, the Applicant/Owner or grading contractor shall provide written documentation (either as signed letters, contracts, or emails) to the City's Planning Division stating that a Qualified Archaeologist and Traditionally and Culturally Affiliated Native American monitor (TCA Native American monitor) have been retained at the Applicant/Owner or grading contractor's expense to implement the construction monitoring program, as described in the Pre-excavation Agreement.

In the event that one or more TCA Tribe chooses not to enter into an agreement, or fails to respond to the offer, the City shall extend the opportunity for another tribe to provide a monitor. In the event that more than one TCA Tribe requests to provide a TCA Native American monitor for activities subject to these measures, the City will allow for either: 1) up to one monitor from each consulting tribe to be

present simultaneously; or 2) for the tribes to develop a rotating schedule that alternates monitoring between the tribes on a daily or weekly basis.

The monitors shall be provided at least 72 hours' notice of the initiation of construction and be kept reasonably apprised of changes to the construction schedule. In the event that a monitor is not present at the scheduled time, work can continue without the monitor present, as long as the notice was given and documented.

The Qualified Archaeologist and TCA Native American monitor shall be invited to attend all applicable pre-construction meetings with the General Contractor and/or associated subcontractors to present the construction monitoring program. The Qualified Archaeologist and TCA Native American monitor shall be present on site during grubbing, grading, trenching, and/or other ground disturbing activities that occur in areas of native soil or other permeable natural surfaces that have the potential to unearth any evidence of potential archaeological resources or tribal cultural resources. In areas of artificial paving, the Qualified Archaeologist and TCA Native American monitor shall be present on site during grubbing, grading, trenching, and/or other ground-disturbing activities that have the potential to disturb more than 6 inches below the original pre-project ground surface to identify any evidence of potential archaeological or Tribal Cultural Resources. No monitoring of fill material, existing or imported, will be required if the general contractor or developer can provide documentation to the satisfaction of the City that all fill materials being utilized at the site are either (1) from existing commercial (previously permitted) sources of materials or (2) are from private or other non-commercial sources that have been determined to be absent of Tribal Cultural Resources by the Qualified Archaeologist and TCA Native American monitor.

The Qualified Archaeologist and TCA Native American monitor shall maintain ongoing collaborative coordination with one another during all ground-disturbing activities. The requirement for the construction monitoring program shall be noted on all applicable construction documents, including demolition plans, grading plans, etc. The Applicant/Owner or grading contractor shall provide written notice to the Planning Division and the TCA Tribe, preferably through e-mail, of the start and end of all ground-disturbing activities.

Prior to the release of any grading bonds, or prior to the issuance of any project Certificate of Occupancy, an archaeological monitoring report, which describes the results, analysis, and conclusions of the construction monitoring, shall be submitted by the Qualified Archaeologist, along with any TCA Native American monitor's notes and comments received by the Qualified Archaeologist, to the Planning Division Manager for approval. Once approved, a final copy of the archaeological monitoring report shall be retained in a confidential City project file and may be released, as a formal condition of Assembly Bill 52 consultation, to San Luis Rey Band of Mission Indians, San Pasqual Band of Mission Indians, and Rincon Band of Luiseño Indians, or any parties involved in the project specific monitoring or consultation process. A final copy of the report, with all confidential

site records and appendices, will also be submitted to the South Coastal Information Center after approval by the City.

MM-CUL-3: Unanticipated Discovery Procedures: Both the Qualified Archaeologist and the Traditionally and Culturally Affiliated (TCA) Native American monitor may temporarily halt or divert ground-disturbing activities if potential archaeological resources or Tribal Cultural Resources are discovered during construction activities. Ground-disturbing activities shall be temporarily directed away from the area of discovery for a reasonable amount of time to allow a determination of the resource's potential significance. Isolates and clearly non-significant archaeological resources (as determined by the Qualified Archaeologist, in consultation with the TCA Native American monitor) will be minimally documented in the field. All unearthed archaeological resources or Tribal Cultural Resources will be collected, temporarily stored in a secure location (or as otherwise agreed upon by the Qualified Archaeologist and the TCA Tribe), and repatriated according to the terms of the Pre-excavation Agreement, unless ordered to do otherwise by responsible agency or court of competent jurisdiction.

If a determination is made that the archaeological resources or Tribal Cultural Resources are considered potentially significant by the Qualified Archaeologist, the TCA Tribe, and the TCA Native American monitor, then the City and the TCA Tribe shall determine, in consultation with the Applicant/Owner and the Qualified Archaeologist, the culturally appropriate treatment of those resources.

If the Qualified Archaeologist, the TCA Tribe, and the TCA Native American monitor cannot agree on the significance or mitigation for such resources, these issues will be presented to the Planning Division Manager for decision. The Planning Division Manager shall make a determination based upon the provisions of the California Environmental Quality Act and California Public Resources Code Section 21083.2(b) with respect to archaeological resources, and California Public Resources Section 21704 and 21084.3 with respect to Tribal Cultural Resources, and shall take into account the religious beliefs, cultural beliefs, customs, and practices of the TCA Tribe.

All sacred sites, significant Tribal Cultural Resources, and/or unique archaeological resources encountered within the project area shall be avoided and preserved as the preferred mitigation. If avoidance of the resource is determined to be infeasible by the City as the lead agency, then the City shall require additional culturally appropriate mitigation to address the negative impact to the resource, such as, but not limited to, the funding of an ethnographic study and/or a data recovery plan, as determined by the City in consultation with the Qualified Archaeologist and the TCA Tribe. The TCA Tribe shall be notified and consulted regarding the determination and implementation of culturally appropriate mitigation and the drafting and finalization of any ethnographic study and/or data recovery plan, and/or other culturally appropriate mitigation. Any archaeological isolates or other cultural materials that cannot be avoided or preserved in place as the preferred mitigation shall be temporarily stored in a secure location on site

(or as otherwise agreed upon by the Qualified Archaeologist and TCA Tribe) and repatriated according to the terms of the Pre-excavation Agreement, unless ordered to do otherwise by responsible agency or court of competent jurisdiction. The removal of any artifacts from the project site will be inventoried with oversight by the TCA Native American monitor.

If a data recovery plan is authorized as indicated above and the TCA Tribe does not object, then an adequate artifact sample to address research avenues previously identified for sites in the area will be collected using professional archaeological collection methods. If the Qualified Archaeologist collects such resources, the TCA Native American monitor must be present during any testing or cataloging of those resources. Moreover, if the Qualified Archaeologist does not collect the cultural resources that are unearthed during the ground-disturbing activities, the TCA Native American monitor may, at their discretion, collect said resources for later reburial or storage at a local curation facility, as described in the Pre-excavation Agreement.

In the event that curation of archaeological resources or Tribal Cultural Resources is required by a superseding regulatory agency, curation shall be conducted by an approved local facility in San Diego County, and the curation shall be guided by California State Historical Resources Commission's Guidelines for the Curation of Archaeological Collections. The City shall provide the Applicant/Owner final curation language and guidance on the project grading plans prior to issuance of the grading permit, if applicable, during project construction. The Applicant/Owner shall be responsible for all repatriation and curation costs and provide to the City written documentation from the TCA Tribe or the curation facility, whichever is most applicable, that the repatriation and/or curation have been completed.

MM-CUL-4: Human Remains. As specified by California Health and Safety Code Section 7050.5, if human remains, or remains that are potentially human, are found on the project site during ground-disturbing activities or during archaeological work, the person responsible for the excavation, or his or her authorized representative, shall immediately notify the San Diego County Medical Examiner's Office by telephone. No further excavation or disturbance of the discovery or any nearby area reasonably suspected to overlie adjacent remains (as determined by the Qualified Archaeologist and/or the Traditionally and Culturally Affiliated [TCA] Native American monitor) shall occur until the Medical Examiner has made the necessary findings as to origin and disposition pursuant to Public Resources Code 5097.98.

If such a discovery occurs, a temporary construction exclusion zone shall be established surrounding the area of the discovery so that the area would be protected (as determined by the Qualified Archaeologist and/or the TCA Native American monitor), and consultation and treatment could occur as prescribed by law. As further defined by state law, the Medical Examiner will determine within 2 working days of being notified if the remains are subject to his or her authority. If the Medical Examiner recognizes the remains to be Native American, and not under his or her jurisdiction, then he or she shall contact the Native American Heritage Commission by telephone within 24 hours. The Native American Heritage

Commission will make a determination as to the Most Likely Descendent, who shall be afforded 48 hours from the time access is granted to the discovery site to make recommendations regarding culturally appropriate treatment.

If suspected Native American remains are discovered, the remains shall be kept in situ (in place) until after the Medical Examiner makes its determination and notifications, and until after the Most Likely Descendent is identified, at which time the archaeological examination of the remains shall only occur on site in the presence of the Most Likely Descendent. The specific locations of Native American burials and reburials will be proprietary and not disclosed to the general public. According to California Health and Safety Code, six or more human burials at one location constitute a cemetery (Section 8100), and disturbance of Native American cemeteries is a felony (Section 7052). In the event that the Applicant/Owner and the Most Likely Descendant are in disagreement regarding the disposition of the remains, state law will apply, and the mediation process will occur with the Native American Heritage Commission. In the event that mediation is not successful, the landowner shall rebury the remains at a location free from future disturbance (see Public Resources Code Sections 5097.98(e) and 5097.94(k)).

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

Less-than-Significant Impact. The project site is not within a known cemetery or burial ground. In the highly unlikely event that human remains are uncovered during ground-disturbing activities, there are regulatory provisions to address the handling of human remains in California Health and Safety Code Section 7050.5, Public Resources Code Section 5097.98, and CEQA Guidelines Section 15064.5(e). Pursuant to these codes, in the event that human remains are discovered, disturbance of the site would be halted until the County coroner has conducted an investigation into the circumstances, manner, and cause of any death, and the recommendations concerning the treatment and disposition of the human remains have been made to the person responsible for the excavation or to his or her authorized representative, in the manner provided in Section 5097.98 of the Public Resources Code. The County coroner is required to make a determination within 2 working days of notification of the discovery of the human remains. If the County coroner determines that the remains are not subject to his or her authority, and if he or she recognizes or has reason to believe the human remains to be those of a Native American, he or she shall consult with the Native American Heritage Commission by telephone within 24 hours, to designate a Most Likely Descendant who shall recommend appropriate measures to the landowner regarding the treatment of the remains. If the owner does not accept the Most Likely Descendant's recommendations, the owner or the Most Likely Descendant may request mediation by the Native American Heritage Commission. Therefore, with compliance with existing state law and implementation of MM-CUL-4, impacts associated with human remains would be less than significant.

2.6 Energy

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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?	☐	☐	☒	☐

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. Temporary use of electricity and petroleum would be required during construction of the proposed project. Use of these materials during construction would not be considered wasteful or inefficient. The amount of electricity used during construction would be minimal relative to the total power used in the region or state and typical of what is required to construct a development like the project. Typical demand would stem from the use of electrically powered hand tools and several construction trailers by managerial staff during the hours of construction activities. Natural gas is not anticipated to be required during project construction. Heavy-duty construction equipment of various types would be used during each phase of construction. The CalEEMod analysis discussed in Appendix A to this IS/MND, includes the proposed construction schedule and equipment usage. CalEEMod assumes compliance with the Title 24 code. Based on that analysis, impacts related to energy consumption is determined to be less than significant.

Operation of the proposed project would require electricity for multiple purposes, including cooling, lighting, appliances, and various equipment; the supply, conveyance, treatment, and distribution of water; and transportation to/from the site. The project would implement applicable City of San Marcos Climate Action Plan (CAP) Consistency Checklist measures that would reduce operational electricity consumption. As outlined above under PDFs to be incorporated as part of the project, the project would include EV parking (PDF-1), would install instantaneous electric water heaters without water tanks (PDF-4), would install approximately 20.8 kilowatt solar photovoltaic system (PDF-5), and would comply with the City's Water Efficient Landscape Ordinance (PDF-6). Furthermore, as described under Section 2.17 below, the project is projected to generate 10,460 vehicle miles traveled (VMT), which is 23,756 VMT less than the existing Restaurant Row uses, which were calculated to generate 34,216 VMT.

Although electricity consumption would likely increase at the project site due to project implementation of residential uses, the project would be required to comply with current Title 24 code and the City's CAP Consistency Checklist by implementing energy-efficient measures. The project would be subject to the Title 24 building code that is adopted at the time building permits are obtained and thus may be subject to a more stringent energy standard than what was assumed in preparation of the Air Quality and Greenhouse

Gas Technical Report prepared for the project (Appendix A). Construction and operation of the proposed project is not expected to result in wasteful or inefficient energy use and is expected to result in similar use to surrounding development and previous development on site. Therefore, impacts are determined to be less than significant.

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 subject to and would comply with, at a minimum, the California Building Energy Efficiency Standards (24 CCR, Part 6). Part 6 of Title 24 establishes energy efficiency standards for residential and nonresidential buildings constructed in California in order to reduce energy demand and consumption. The proposed project would also be subject to Part 11 of Title 24, also known as the CalGreen building standards. Construction and operation of the proposed project is not expected to conflict with a state or local plan for renewable energy or energy efficiency. Therefore, impacts are determined to be less than significant.

2.7 Geology and Soils

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
VII. GEOLOGY AND SOILS – Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involve ing:				
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.	☐	☐	☒	☐
i) ii) Strong seismic ground shaking?	☐	☐	☒	☐
ii) iii) Seismic-related ground failure, including liquefaction?	☐	☐	☒	☐
iii) iv) Landslides?	☐	☐	☒	☐
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
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?	☐	☐	☒	☐

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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?	☐	☐	☒	☐

Geocon Inc. prepared a Geotechnical Investigation for the project, which is included as Appendix D to this IS/MND. The analysis herein is based on findings and recommendations contained in Appendix D. Full details regarding geology and soils as it relates to the project site can be found in Appendix D.

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.

ii) Strong seismic ground shaking?

Less-than-Significant Impact. The project site is located in tectonically active Southern California. However, no Alquist-Priolo Fault Hazard Zones or other known active faults run through the project site. The closest known active fault is the Newport-Inglewood/Rose Canyon Fault, located 11 miles southwest of the project site. Based on the lack of active or potentially active faults underlying the project area, the potential for surface rupture is low, and the project site would not be subject to a greater seismic risk than other locations within the region. Additionally, per the Alquist-Priolo Earthquake Fault Zoning Act, because the project site is not located in an Alquist-Priolo Fault Zone, the proposed project would not place any prohibited uses (e.g., uses containing structures with a capacity of 300 people or more; uses with the potential to severely damage the environment or cause major loss of life; or specific civic uses including police and fire stations, schools, hospitals, rest homes, nursing homes, and emergency communication facilities) within an Alquist–Priolo Fault Zone. Thus, the potential for loss, injury, or death involving rupture of a known earthquake fault is considered low.

The proposed project would be designed in accordance with applicable California Building Code criteria, including those specific to resistance to seismic shaking. Furthermore, the proposed project would be constructed in accordance with other applicable regulations, current seismic design specifications of the Structural Engineers Association of California, and applicable requirements of the State of California Occupational Safety and Health Administration. These required seismic design considerations are used to minimize structural damage in the event of ground shaking. The Geotechnical Investigation prepared for the project (Appendix D) confirms there are no active faults crossing the property. Therefore, impacts are determined to be less than significant.

iii) Seismic-related ground failure, including liquefaction?

Less-than-Significant Impact. Liquefaction typically occurs when a site is subjected to strong seismic shaking; on-site soils are cohesionless; groundwater is encountered within 50 feet of the surface; and soil relative densities are less than approximately 70%. Pursuant to SMMC Chapter 17.32, Building, Construction, and Related Activities, all applications for grading permits are required to be accompanied by a geotechnical report (SMMC 17.32.040(d)). The geotechnical report is required to address on-site soils and geology and include conclusions regarding the adequacy of the site to be developed as proposed and provide recommendations specific to the project site (SMMC 17.32.040(f)). Consistent with City regulations, a Geotechnical Investigation was prepared for the project.

The project site is underlain by undocumented fill and young alluvium with groundwater encountered at a depth ranging from 7 feet to 21 feet below the existing ground surface; however, as outlined in the Geotechnical Investigation, December 2022 (Appendix D) prepared for the proposed project, the potential for liquefaction and dynamic settlement to occur on site is considered low due to the relative density of the older alluvium. Additionally, due to the developed nature of the existing site, impacts related to liquefaction are not anticipated. Although no geologic conditions were encountered that would preclude development of the property as proposed, the Geotechnical Investigation included soil removal/excavation, grading, and seismic design recommendations to be performed during project development.

Future projects within the Specific Plan would be required to adhere to the applicable recommendation stated in the Geotechnical Investigation (Appendix D). Through implementation of all relevant geological recommendations, development of the project site would not result in seismic-related ground failure, including liquefaction. Impacts would be less than significant.

iv) Landslides?

Less-than-Significant Impact. The project site is flat, currently consisting of existing development and paved parking. The project site is identified in the City's Safety Element as having "Zero Susceptibility" to landslides (Figure 6-1 of the General Plan) (City of San Marcos 2012a). Additionally, the Geotechnical Investigation concurred with previous reports that found the potential for landslides or slope instabilities to occur is negligible. Therefore, the project site is not considered susceptible to landslides, and proposed project impacts would be less than significant.

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

Less-than-Significant Impact. The project site is flat, currently consisting of existing development and paved parking. During re-development, the proposed project would be required to comply with the City's Grading Ordinance, which contains design standards and performance requirements that must be met to avoid or reduce, to an acceptable level, excessive erosion. Furthermore, in accordance with SMMC Chapter 17.32, Building, Construction, and Related Activities includes requirements for preparation of site-specific geotechnical reports (SMMC 17.32.040(d) and 17.32.040(f)), the proposed project would be required to implement all recommendations outlined in the Geotechnical Investigation (Appendix D) pertaining to soil erosion or loss of topsoil. Therefore, impacts are determined to be less than significant.

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 landslide, lateral spreading, subsidence, liquefaction or collapse?

Less-than-Significant Impact. As described above, the project site is flat, currently consisting of existing development and paved parking. The Geotechnical Investigation determined that the potential for landslides, liquefaction, or slope instabilities to occur is negligible. The proposed project would be required to comply with the recommendations outlined in the Geotechnical Investigation (see Appendix D) prepared for the project. Therefore, impacts are determined to be less than significant.

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 Impact. Expansive soils are clay-based and tend to increase in volume due to water absorption and decrease in water volume due to drying. The Geotechnical Investigation prepared for the project found the project site underlain by undocumented fill, young alluvium, old alluvium, and metavolcanic rock. The potential for expansive soil is not anticipated at the project site. However, the Geotechnical Investigation determined that the potential for on-site soil expansion ranges from "low" to "high." The proposed project would be required to comply with the recommendations outlined in the Geotechnical Investigation (Appendix D) completed for the project. Therefore, impacts are determined to be less than significant.

e) Would the project 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?

No Impact. The proposed project would not include septic tanks or alternative wastewater disposal systems. As described in Section 2.19, Utilities and Service Systems, the proposed project would construct private, on-site sewer lines that would connect to existing City infrastructure. Therefore, no impacts relating to septic tanks or alternative wastewater disposal systems would occur.

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

Less-than-Significant Impact. Although ground-disturbing activities associated with the proposed project have the potential to unearth previously unidentified paleontological resources, due to the existing development on site, the potential for paleontological resources to be located on the project site is considered low. Therefore, impacts are determined to be less than significant.

2.8 Greenhouse Gas Emissions

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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?	☐	☐	☒	☐

Dudek prepared an Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the project, which is included as Appendix A to this IS/MND. The analysis herein is based on findings of Appendix A. Full details regarding greenhouse gas (GHG) emissions as it relates to the project can be found in Appendix A.

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. Global climate change is primarily considered a cumulative impact but must also be evaluated on a project-level under CEQA. A project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHG emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons of CO_2 equivalent (MT CO_2e), which account for weighted global warming potential factors for CH_4 and N_2O.

The City of San Marcos adopted the Final Climate Action Plan (CAP) on December 8, 2020. The CAP relies on a screening threshold of 500 MT CO_2e per year based on land use size and a CAP Consistency Checklist to determine whether a project's emissions would be consistent with GHG emissions estimated within the City's CAP. For projects that are subject to CAP consistency review, the next step in determining consistency is to assess the project's consistency with the growth projections used in development of the CAP. This allows the City to determine a project's consistency with the land use assumptions used in the CAP.

Step 1 of the CAP Checklist determines land use consistency. Question 1 of Step 1 asks if a project is less than a certain size. It is deemed consistent with the City's CAP by emitting fewer than 500 MT CO_2e per year and would be less than significant. In order to determine if the project emits less than 500 MT CO_2e per year, construction and operational GHG emissions were quantified. Construction of the project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles. CalEEMod was used to calculate the annual GHG emissions based on the construction scenario. On-site sources of GHG emissions include off-road equipment and off-site sources including trucks and worker vehicles. As shown in Table 11 in Appendix A, the estimated total GHG emissions during construction of would be approximately 2,870.48 MT CO_2e over

the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 96 MT CO_2e per year. As with project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions. Amortized construction emissions were added to operational emissions to be compared to the project for this assessment. CalEEMod was used to estimate potential operational GHG emissions from area sources (landscaping equipment), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment for the project. As shown in Table 13 in Appendix A, the estimated GHG emissions from operation of the project would be approximately 1,714 MT CO_2e per year, including amortized construction emissions. Pursuant to the City's 2020 CAP Consistency Checklist, since the project would emit greater than 500 MT CO_2e per year, then CAP Step 1, Question 2 must be addressed as follows.

Question 2 of Step 1 asks if the proposed project is consistent with the City's existing General Plan land use designation. The answer to this would be no: the project requires a General Plan Amendment and Rezone to change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-I) to Specific Plan Area (SPA). Pursuant to the City's 2020 CAP Consistency Checklist, since the project is not consistent with the City's existing General Plan land use, then CAP Step 1, Question 3 must be addressed as follows.

Question 3 of Step 1 asks that for projects not consistent with the existing General Plan land use designation, does the project include a General Plan Amendment that would generate GHG emissions equal to or less than estimated emissions generated under the existing designation. The answer to this question would be yes: the project would generate GHG emissions equal to or less than estimated emission generated under the existing designation as detailed in Section 3.5 of Appendix A.

Step 2 of the CAP Checklist determines the project's consistency with the applicable strategies and measures of the CAP. As outlined below, and as shown in Attachment B to Appendix A, CAP Checklist, the project has demonstrated consistency with the applicable strategies and measures of the CAP as required by Step 2 of the CAP Checklist. Therefore, the project is deemed consistent with the City's CAP, and impacts would be less than significant.

The following summarizes the checklist items as presented in Attachment B to Appendix A:

Checklist Item 1. Electric Vehicle Charging Stations (Measure T-2)

This checklist item applies to multifamily residential and nonresidential projects. It asks if the project will install electric vehicle charging stations (Level 2 or better) in at least 5% of the total parking spaces provided on site.

The project would comply with this checklist item. The proposed multifamily residential project would include 501 total parking spaces; 4 EV charging stations, and 17 EV ready spaces would be included. Charging stations will be installed in the 392 garage parking stalls. The project would answer "Yes" to this question.

Checklist Item 2. Bicycle Infrastructure (Measure T-8)

This checklist item applies to residential and nonresidential projects. It asks if the following conditions are met, would the project pay its fair-share contribution to bicycle infrastructure improvements of the following:

- Intersection or roadway segment improvements are proposed as part of the project.
- The City's General Plan Mobility Element identifies bicycle infrastructure improvements at any intersection(s) or roadway segment(s) that would be improved as part of the project.

The project would comply with this checklist item. The project will determine specific details based on discussions with the City regarding San Marcos Boulevard multi-way.

Accordingly, the proposed project would answer "Yes" to this question.

Checklist Item 3. Transportation Demand Management (Measure T-9)

This checklist item applies to residential and non-residential projects. Will the project develop and implement a Transportation Demand Management (TDM) Plan that includes, at a minimum, all of the TDM strategies listed below?

- Provide discounted monthly transit pass or provide at least 25% transit fare subsidy to residents/employees.
- Provide designated car-share, carpool, vanpool, and/or park-and-ride parking spaces.
- Provide pedestrian connections between all internal uses and to all existing or planned external streets around the project site(s).
- Provide secure bicycle parking spaces or bicycle racks, showers, and clothes lockers.
- Encourage telecommuting for employees (allow one telecommute day per week or compressed work weeks) or provide a telecommute work center with common office space and equipment available to residents.

or

- Would the project implement and monitor for four (4) years a TDM program that demonstrates an alternative transportation (i.e., carpool, public transit, bicycle, walk, telecommute) mode share of at least 29 percent for all residents?

The proposed project would not result in a VMT-related impact, and therefore, a TDM plan is not required. The proposed project units are for sale units that would be managed by an HOA; therefore, the project providing discounted monthly transit passes to residents would not be sensible. Future tenants of the proposed commercial/retail space would be encouraged to provide employees with discounted monthly transit passes; however, that would be at the discretion of the tenant. Due to the shared parking agreement for the project site, as required by the City, the project does not designate car-share, carpool, vanpool, and/or park-and-ride spaces; however, such could be provided with direction from the City. The project would provide pedestrian connections throughout all uses on site and connection to adjacent sidewalks and existing roadways. The project would provide communal bicycle parking, and all living units would

provide bicycle storage and showers. Telecommuting is resident- and tenant-based but will be encouraged. The TDM Plan is a proposed condition of approval prior to building occupancy.

Accordingly, the proposed project would answer "Yes" to this question.

Checklist Item 4. Reduce Parking Near Transit (Measure T-12)

This checklist item applies to multifamily residential projects. If located within 0.5 miles of a major transit stop, would the project provide at least 27% fewer parking spaces than required for the same use based on the City's municipal code parking requirements?

The project is not located within 0.5 miles of a major transit stop defined as a bus or light-rail station with fixed service and 10-minute minimum headways during peak hours. Therefore, the proposed project would answer "N/A" to this question.

Checklist Item 5. Water Heaters (Measure E-1)

This checklist item applies to residential projects and asks if the project would install one of, or a combination of, the following water heater types in place of natural gas water heaters:

- Electric heat pump water heater
- Instantaneous electric water heater
- Electric tank
- Solar water heater with heat pump water heater backup
- Solar water heater with electric tank backup

The project would comply with this checklist item. The project would install instantaneous electric water heaters without water tanks that would meet the requirements of this checklist item. The project would answer "Yes" to this checklist question.

Checklist Item 6. Photovoltaic Installation (Measure E-2)

This checklist item applies to nonresidential projects. The item requires nonresidential projects to install a minimum photovoltaic system of 2 watts per square foot of gross floor area.

The project would include 202 multifamily residential units and 10,400 square feet of commercial retail uses. Therefore, this checklist item would only apply to the 10,400 square feet of commercial retail use. Based on the 10,400 square feet of commercial retail uses, the project would install a (10,400 x 2)/1,000 = 20.8 kilowatt solar photovoltaic system. The project would answer "Yes" to this checklist question.

Checklist Item 7. Landscaping Water Use (Measure W-1)

This checklist item applies to residential and nonresidential projects and asks if the project would comply with the City's Water Efficient Landscape Ordinance.

The proposed project would comply with this checklist item. The project's landscaping would meet the requirements within the City's Water Efficient Landscape Ordinance. Per SMMC Section 20.330.020, water

efficient landscape standards are applicable to new construction with an aggregate landscape area equal to or greater than 500 square feet. The project will include a landscape area of approximately 87,500 square feet, which is greater than 500 square feet. Accordingly, the proposed project would answer "Yes" to this question.

Checklist Item 8. Urban Tree Canopy (Measure C-2)

This checklist item applies to residential and nonresidential projects and asks if the project is providing more than 10 parking spaces, will the project plant at least one tree per five parking spaces provided.

The project would comply with this checklist item. The project is providing 501 parking spaces and will plant at least 97 trees to satisfy this checklist requirement. As detailed on the project landscape plan, the project would include a total of 243 trees. Accordingly, the proposed project would answer "Yes" to this question.

In summary, as described above, the project has demonstrated consistency with the applicable strategies and measures of the CAP and would implement project design features PDF-1 through PDF-7. Therefore, impacts are determined to be less than significant.

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

Less-than-Significant Impact. Numerous plans, policies, and regulations have been adopted for the purpose of reducing GHG emissions. The principal overall state plan and policy are AB 32 and the follow-up legislation, SB 32. The quantitative goal of AB 32 is to reduce GHG emissions to 1990 levels by 2020 and the goal of SB 32 is to reduce GHG emissions to 40% below 1990 levels by 2030. The City's CAP outlines the measures for the City to achieve its share of state GHG reductions. The project would be consistent with the CAP and, therefore, would be consistent with state GHG reduction goals.

At the regional level, SANDAG's Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) has been adopted for the purpose of reducing GHG emissions attributable to passenger vehicles in the San Diego region. In October 2015, SANDAG adopted its Regional Plan, which was subsequently updated in 2021. The RTP/SCS is not directly applicable to the project because the underlying purpose of the RTP/SCS is to provide direction and guidance on future regional growth (i.e., the location of new residential and nonresidential land uses) and transportation patterns throughout the City and greater San Diego County, as stipulated under SB 375. CARB has recognized that the approved RTP/SCS is consistent with SB 375. The SANDAG Regional Plan is generally consistent with the local government plans. As presented in the July 2021, General Plan Housing Element, the most recent Regional Housing Needs Assessment from SANDAG stated that San Marcos's share of regional future housing needs is 3,116 new units between April 15,2021, and April 15, 2029. As of June 30, 2020, 546 housing units have been planned or approved for development, with 2,570 units remaining needed to be developed in the City. The project is expected to bring 202 units to market in 2027, which would be within SANDAG's growth projection for housing during the 6th Cycle planning horizon. Since the project is within the scope of development that was anticipated in the General Plan, it would not result in growth that would conflict with the Regional Plan.

Based on the preceding considerations, the project would not conflict with an applicable plan adopted for the purpose of reducing GHG emissions or generate GHG emissions that would have a significant impact on the environment; therefore, the project's impacts on GHG emissions would be less than significant.

2.9 Hazards and Hazardous Materials

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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 that 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?	☐	☐	☒	☐
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?	☐	☐	☒	☐

A Phase I Environmental Site Assessment (ESA) was prepared for the project by Geocon, which is included as Appendix E to this IS/MND. The analysis herein is based on findings of Appendix E. Full details regarding hazards and hazardous materials as it relates to the project site can be found in Appendix E. Additionally, a Fire Response Technical Memorandum was prepared for the project, which is included as Appendix L to this IS/MND. Information from the Fire Response Technical Memorandum is referenced in the analysis herein.

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

and

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. Construction of the proposed project would entail transport, use, or disposal of potentially hazardous materials including, but not limited to, diesel fuel, gasoline, equipment fluids, concrete, cleaning solutions and solvents, lubricant oils, adhesives, human waste, and chemical toilets. Direct impacts to human health and biological resources from accidental spills of small amounts of hazardous materials from construction equipment could occur with the transport, use, or disposal of these materials. However, existing federal and state standards related to the handling, storage, and transport of these materials would be implemented during construction of the proposed project. These regulations include the Federal Chemical Accident Prevention Provisions (Part 68 of the Code of Federal Regulations), California Highway Patrol and Caltrans container and licensing requirements for transportation of hazardous waste on public roads, the International Fire Code, the Resource Conservation and Recovery Act of 1976 as amended by the Hazardous and Solid Waste Amendments of 1984, California's Hazardous Waste Control Law, the California Fire Code, California Health and Safety Code Hazardous Materials Release Response Plans and Inventory, the California Integrated Waste Management Act, regulations developed by California Occupational Safety and Health Administration, and the state Hazardous Waste Control Act.

During operation of the proposed project, the only hazardous materials anticipated for transport, use, or disposal associated with the project would be routinely used household products such as cleaners, paint, solvents, motor oil/automotive products, batteries, and garden maintenance products, typical of residential and commercial retail uses. The use, handling, and disposal of these products is addressed by household hazardous waste programs that are part of the Integrated Waste Management Plan of the County of San Diego. The Household Hazardous Waste Element of the Integrated Waste Management Plan specifies the means by which hazardous wastes generated by households shall be collected, recycled, treated, and disposed of safely (County of San Diego 2005).

The proposed project's compliance with all standards required through federal, state, county, and municipal regulations, in addition to project-specific plans reviewed by the City, would ensure potential impacts to the public or the environment through routine transport, use, or disposal of hazardous materials would not be substantial. Furthermore, the project would comply with all recommendations outlined in the Phase I ESA prepared for the proposed site, including the recommendation that any suspect asbestos-containing material from demolition of the existing site be actively managed in accordance with a property-specific asbestos operations and management program until construction, demolition, or renovations warrant positive identification and/or building material removal . Therefore, impacts of the proposed project are determined to be less than significant.

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 Impact. The project site is not located within 0.25 miles of an existing or proposed school. The closest schools to the project site are Discovery Elementary School, located approximately 0.45 miles south of the project site, and High Tech High North County, located approximately 0.70 miles west of the project site. However, the proposed project is not expected to emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste beyond routinely used household products such as cleaners, paint, solvents, motor oil/automotive products, batteries, and garden maintenance products. Residential use of the project site is also expected to handle fewer hazardous materials and emit reduced hazardous emissions compared to the light industrial and mixed-use uses designated under the existing zoning for the project site. Furthermore, the project would comply with all recommendations outlined in the Phase I ESA prepared for the proposed site. Therefore, impacts are determined to be less than significant.

d) Would the project be located on a site that 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?

Less-than-Significant Impact. Geocon prepared a Phase I ESA for the project site in June 2021. As outlined in the Phase I ESA, Environmental Data Resources Inc. searched federal, state, and local databases regarding the known contaminated sites within 1 mile of the site. The databases that list the project site and/or properties/facilities within 1 mile of the site and the number of properties/facilities listed are summarized in Section 4 of Appendix E. The project site is listed on the National Pollution Discharge Elimination System and California Integrated Water Quality System Project databases; however, the Phase I ESA identified no evidence of recognized environmental conditions in connection with the project site. A recognized environmental condition is 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. As no recognized environmental conditions were identified, additional environmental assessments are not warranted at this time. Therefore, impacts are determined to be less than significant.

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?

Less-than-Significant Impact. The closest airport to the project site is the McClellan-Palomar Airport, which is located approximately 5 miles west of the project site. The project site is not located within any of the McClellan-Palomar Airport Influence Areas (San Diego County Regional Airport Authority 2011). Therefore, this impact would be less than significant.

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

Less-than-Significant Impact. According to the General Plan Safety Element, the San Marcos Emergency Operations Plan (EOP) governs the operations of the City during a disaster. The EOP addresses response to

moderate evacuation scenarios, including the identification of evacuation points and general routes (City of San Marcos 2012a). The proposed project would be required to abide by the standards set forth in the San Marcos EOP. Implementation of the proposed project is not expected to impact any roadway or staging areas that are identified in any emergency planning documents and would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. As required under the California Fire Code, the proposed project would be required to present development plans that afford fire and emergency responders suitable fire access roads dimensions and surfaces (Chapter 5, Sections 503.1 through 503.4 of the California Fire Code), an adequate number of emergency rated entrances to the community (Appendix D; Section D106 of the California Fire Code), and entryway gate access for first responders (Chapter 5 of the California Fire Code, Section 503.6). The proposed points of entry and private driveways have been reviewed and approved by San Marcos Fire Department (SMFD) and are required to meet the qualifications for emergency access to and from the project site. Furthermore, a Fire Response Technical Memorandum (Appendix L) has been prepared for the proposed project, which outlines fire protection services and emergency response as it relates to development of the project. Based on response travel time modelling, it is concluded that the project site is within the SMFD's internal response timeframes with up to 24 seconds of additional time available. For these reasons, the project would not interfere with emergency response plans, and impacts would be less than significant.

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 project site is currently developed with restaurants and associated paved parking on site. The proposed re-designation of the project site from Light Industrial and Mixed-Use to residential uses under a Specific Plan would not exacerbate wildfire risks in comparison to existing conditions. The proposed project site is located in a developed area of the City and is not located within or adjacent to a fire hazard severity zone. The redevelopment of the existing project site with proposed land uses would not exacerbate fire risk. The proposed project would be required to comply with all applicable state and local fire codes, including compliance with the California Fire Code as adopted by the City of San Marcos and the San Marcos Fire Department, which require a design that affords fire and emergency responders suitable fire access roads dimensions and surfaces (Chapter 5, Sections 503.1 through 503.4 of the California Fire Code), an adequate number of emergency rated entrances to the community (Appendix D; Section D106 of the California Fire Code), and entryway gate access for first responders (Chapter 5 of the California Fire Code, Section 503.6). Furthermore, a Fire Response Technical Memorandum (Appendix L) has been prepared for the proposed project, which outlines fire protection services and emergency response as it relates to development of the project. The Fire Response Technical Memorandum concludes that the increased on-site density and intensity of uses would not cause a significant stress on existing call volume or response capabilities. The project site would be served for a fire emergency within SMFD's internal response time frames. Therefore, impacts are determined to be less than significant.

2.10 Hydrology and Water Quality

		Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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:				
	i) result in substantial erosion or siltation on or off site;	☐	☐	☒	☐
	ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site;	☐	☐	☒	☐
	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	☐	☐	☒	☐
	iv) impede or redirect flood flows?	☐	☐	☒	☐
d)	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☒	☐
e)	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☒	☐

The Hydrology and Water Quality Section of this IS/MND is based on the results of the Preliminary Hydrology/Drainage Study and Hydraulics Analysis and Floodplain Study, which are included as Appendices F and G, respectively. Additionally, this section refers to the SWQMP prepared for the project, included as Appendix N to this IS/MND.

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. Construction activities associated with the proposed project could result in potentially significant impacts to water quality. In addition to sediment erosion from ground-disturbing activities on the project site, fuels, oils, lubricants, and other hazardous substances used during construction could be released and potentially impact water quality.

The proposed project would be required to comply with the National Pollutant Discharge Elimination System State Water Resources Control Board Region-wide Municipal Separate Storm Sewer System (MS4) Permit - Order No. R9-2013-0001, as amended by Orders R9-2015-0001 and R9-2015-0100, and Construction General Permit Order No. 2022-0057-DWQ for stormwater discharges and general construction activities, and would incorporate standard BMPs, such as regular cleaning or sweeping of construction areas and impervious areas, and filtration media screens. In compliance with the Construction General Permit, a stormwater pollution prevention plan, including an erosion control plan, will be prepared for the project, prior to issuance of grading permits, that would specify construction BMPs that would be implemented during construction to minimize impacts to water quality. Furthermore, project implementation of permanent storm water quality BMPs that compromise of proprietary and non-proprietary biofiltration, hydromodification, source control, and site design BMPs would effectively treat post-construction stormwater runoff prior to discharge from the site in compliance with the requirements of the City's 2023 BMP Design Manual and BMPs outlined in the project's SWQMP (PDF-8). Proposed drainage management areas and BMP sites are shown on the drainage management areas map on page 45 of the SWQMP, provided as Appendix N to this IS/MND.

As detailed in the Preliminary Hydrology Report and SWQMP prepared for the project, water quality requirements would be addressed with permanent stormwater quality BMPs, including a modular wetland systems (proprietary biofiltration), and green-street biofiltration BMP, and hydromodification requirements would be addressed with underground storage vaults. The on-site permanent BMPs would be maintained by the HOA, and sediment and debris collected in the proposed hydromodification vault would be maintained via a vactor truck procedure. Both the pollutant-removal BMPs and the hydromodification vaults would have strategically placed access holes in order to facilitate maintenance. The BMPs would be inspected regularly to inspect for sedimentation. The project includes green street biofiltration within the multi-way median, as part of the proposed multi-way improvements. The property owner is required, pursuant to SMMC Section 14.15 and the City's BMP Design Manual, to enter into a stormwater management and discharge control maintenance agreement for the installation and maintenance of permanent BMPs prior to issuance of construction permits. Through implementation of the construction and permanent BMPs and the adherence to water quality regulations, the project would not violate any stormwater quality standards or waste discharge requirements, nor degrade surface or ground water quality. As outlined in Appendix F, the project would meet state National Pollutant Discharge Elimination System construction and municipal stormwater permit requirements. Therefore, impacts associated with water quality and stormwater drainage and runoff would be less than significant.

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. As outlined in the Geotechnical Investigation (Appendix D) completed for the project, groundwater was encountered in all the exploratory borings performed across the site, which

varied between 8 and 24 feet below the existing ground surface. The groundwater elevations are expected to fluctuate seasonally and may affect remedial grading. In this regard, remedial grading may encounter wet soils and excavation and compaction difficulty, particularly if grading is planned during the winter months. Additionally, a non-operational/abandoned well was observed in the northwestern portion of the property and would be properly abandoned/removed in accordance with San Diego County regulatory requirements (Appendix D). Due to anticipated removal depths, the current location of groundwater and the condition and compression characteristics of the alluvium that underlies the site, a compression study was completed for the site which found that older alluvial deposits were encountered at depths of 3 to 9 feet below the existing ground surface. To evaluate the possibility of leaving this unit in-place, consolidation testing was performed on several relatively undisturbed samples of this material. Based on the laboratory test results presented in Appendix B of Appendix D to this IS/MND, the older alluvium possesses adequate engineering properties to remain in-place and receive the proposed fills and/or structural loads. Construction of the project is not anticipated to interfere with groundwater recharge; nevertheless, the project would be required to comply with all conclusions and recommendations outlined in Appendix D to this MND. Specifically, all grading shall be performed in accordance with *the* Recommended Grading Specifications in the Geotechnical Investigation (Appendix D), and all earthwork should be observed and all fills tested for proper compaction by Geocon Inc.

All stormwater would be adequately treated by the modular wetland system prior to being discharged to natural/undisturbed areas that could allow the runoff to infiltrate into the ground and eventually reach groundwater. The use of permanent BMPs that would effectively treat stormwater runoff, would ensure that project implementation would not have a potentially significant adverse impact on groundwater quality or cause or contribute to an exceedance of applicable groundwater receiving water quality objectives or degradation of beneficial uses.

The project would receive water from VWD, who in turn, receives its water from the Metropolitan Water District of Southern California (MWD). MWD obtains water from local sources as well as the Colorado River, via the Colorado River Aqueduct, and the Sacramento-San Joaquin Delta, via the State Water Project (MWD 2016). As the project would not use groundwater for construction or operation, and would not interfere with infiltration and groundwater recharge, implementation of the proposed project would not decrease groundwater basins through increasing water demand on site or impede sustainable groundwater management of any groundwater basin, and impacts would be less than significant.

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 which would:

i) Result in substantial erosion or siltation on or off site?

Less-than-Significant Impact. The proposed project would be required to implement BMPs during construction and incorporate storm drain systems including proprietary and non-proprietary biofiltration BMPs and hydromodification vaults into the development design. With implementation of the proposed stormwater quality BMPs , the project would not generate runoff volumes that would significantly alter the overall drainage on site. Additionally, project-related runoff would be adequately treated prior to discharge into planned drainage systems via stormwater quality BMPs such that the proposed project would not provide substantial additional sources of polluted runoff.

The proposed project is required to accommodate adequate drainage capacity on site, and connections to existing facilities, in project-specific plans that will be reviewed and approved by the City. Further, implementation of BMPs and a stormwater pollution prevention plan would ensure construction of the project would not result in substantial erosion or siltation on or off site. Compliance with the stormwater pollution prevention plan and project specific SWQMP would ensure impacts related to erosion or siltation on- or -off-site would be less than significant.

ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or off site?

Less-than-Significant Impact. There are no existing streams or rivers on site that would be substantially altered as a result of project implementation. The project site is within Zone AE of the Special Flood Hazard Area that is subject to inundation by the 1% annual chance flood. Zone AE is defined as areas with "base flood elevations determined." The northern portion of the site is within the floodway areas in Zone AE. The floodway is the channel of a stream plus any adjacent areas that must be kept free of encroachment so that the 1% annual flood chance can be carried without substantial increases in flood heights.

Under existing conditions, the project area is fully developed and consists of commercial development with a large parking lot area and a number of restaurants. The project site generally drains towards the center, towards the middle of the large parking lot. Surface drains along the project site collect site runoff and convey the runoff in an existing 30-inch pipe that runs west through the project site. This 30-inch pipe connects a 36-inch x 60-inch elliptical pipe in Via Vera Cruz upstream and an existing concrete channel west of the site downstream. San Marcos Creek is located approximately 1,000 feet southwest of the project site, downstream of the project outfall point. The on-site drainage improvements proposed consist of private streets, gutters, and curb inlets that tie into underground storm drain systems. The project would upsize the existing 30-inch storm drain that conveys majority of the stormwater on site to a double 36-inch storm drain with a new alignment, which would ultimately transition to a dual RCB before it discharges to the existing concrete channel. In addition, the project proposes to construct some public improvements and street widening along the project frontage. These public improvements include center median improvements, and a new side median for multi-way lane in West San Marcos Boulevard. Hydrology modeling was prepared for these improvement areas.

As the project grading has been designed to fit into the existing landform, the proposed drainage areas mimic the existing condition and consist of one on-site drainage system and one off-site drainage system. As outlined in Table 2 in Appendix F, peak flows for the proposed condition would decrease compared to existing conditions. Therefore, 100-year detention is not required since 100-year post-project peak flows are less than 100-year pre-project peak flows. The project would fill areas north and south of the floodway to raise the proposed buildings above the 100-year floodplain elevations with required freeboard. Grading and encroachments would be minimized within the floodway area.

The project would introduce new pervious areas on site through open space and landscaped areas that currently do not existing in current conditions. The proposed on-site drainage improvements include private streets, gutters, storm drain pipes, and curb inlets that would connect to underground storm drain systems. In addition, post-development condition of the project site would continue to drain towards San Marcos Creek; however, as shown above, flow-rate for the proposed condition would be reduced compared to the existing condition.

As described in the project description and the Hydraulic Analysis (Appendix G), FEMA has mapped a 100-year floodplain, 500-year floodplain, and regulatory floodway within the site. These are associated with the "North Split" from the San Marcos Creek (as shown on the Flood Insurance Rate Map 06073C0793G) and would remain partially contained within the redeveloped area and would not inundate future buildings. As discussed above, the project would fill areas north and south of the floodway to raise the proposed buildings above the 100-year floodplain elevations with required freeboard. As part of the project, a park would be implemented in the existing floodway area with a variety of amenities tolerant of inundation (Figure 3, Conceptual Site Plan). The site design is intended to minimize floodway encroachments and results in minor changes to the existing condition 100-year water surface elevations. As described in Appendix G, the proposed condition water surface elevations are generally lower than existing conditions.

As shown above and as outlined in Appendix F and G, the hydrology results indicate that the post-project flow rates do not exceed pre-project flow rates, due to an increase of landscape areas compared to existing conditions. The proposed buildings would be elevated above the 100-year flood elevation. For the reasons outlined above, impacts are determined to be less than significant.

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?

Less Than Significant Impact. As previously addressed, the project would increase pervious surfaces and decrease peak flows through the project site. The project would include a new engineered stormwater drainage system that would be designed to conform with applicable federal, state, and local requirements related to drainage, hydrology, and water quality. As described previously, the project would upsize the existing 30-inch storm drain that conveys the majority of the site to a double 36-inch storm drain with a new alignment that would ultimately transition to a dual RCB before it discharges to the existing concrete channel. As the project grading has been designed to fit into the existing landform, the proposed drainage areas mimic the existing condition and consist of one on-site drainage system and one off-site drainage system. As outlined in Table 2 in Appendix F, peak flows for the proposed condition would decrease compared to existing conditions. Therefore, 100-year detention is not required since 100-year post-project peak flows are less than 100-year pre-project peak flows.

The on-site drainage system would be consistent with all applicable standards related to the collection and treatment of stormwater. Therefore, impacts associated with altering the existing drainage pattern of the project site and stormwater would be less than significant.

iv) Impede or redirect flood flows?

Less-than-Significant Impact. The proposed drainage patterns would be relatively the same as in existing conditions. The site would generally drain towards the existing 100-year floodway and drain to the west towards the existing concrete channel. Most of the roof drainage for the residential motorcourts would drain to the center of their courtyards and would be collected in inlets and conveyed through the storm drainpipes. The drainage pattern on West San Marcos Boulevard would remain the same as in existing conditions. The project would fill areas north and south of the floodway to raise the proposed buildings above the 100-year floodplain elevations with required freeboard. Grading and encroachments would be minimized within the floodway area. As part of the project, a park would be implemented in the existing floodway area with a variety of amenities tolerant of inundation (Figure 3, Conceptual Site Plan). The site design is intended to minimize floodway encroachments and results in minor changes to the existing

condition 100-year water surface elevations. As described in Appendix G, the proposed condition water surface elevations are generally lower than existing conditions. The proposed condition would include more pervious landscaping areas compared to existing conditions, which contribute to lower flow rates; therefore no 100-year detention is required for the project.

The project would be required to comply with recommendations in the Hydrology/Drainage Report and Hydraulic Analysis and would be required to incorporate all requirements and BMPs outlined in the stormwater pollution prevention plan and SWQMP prepared for the project. Based on the analysis above, impacts would be less than significant.

d) In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?

Less-than-Significant Impact. As described above, FEMA-mapped 100-year floodplain, 500-year floodplain, and regulatory floodway occur across the northern portion of the site. The project would fill areas north and south of the floodway to raise the proposed buildings above the 100-year floodplain elevations with required freeboard. Grading and encroachments would be minimized within the floodway area. As part of the project, a park would be implemented in the existing floodway area with a variety of amenities tolerant of inundation (Figure 3, Conceptual Site Plan). The site design is intended to minimize floodway encroachments and results in minor changes to the existing condition 100-year water surface elevations.

The project site is approximately 8 miles inland from the Pacific Ocean and would not be subject to inundation by tsunami. The project site is not located within a tsunami or seiche zone. Given that the project site is not located near a large standing body of water, inundation by seiche (or standing wave) is considered negligible. The project site is generally flat with no steep slopes and does not contain slopes subject to mudflows; therefore, potential impacts related to release of pollutants due to inundation are determined to be less than significant.

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

Less-than-Significant Impact. The Carlsbad Management Area Water Quality Improvement Plan was prepared in June 2016 for the Carlsbad Watershed Management Area Responsible Agencies, which include the Cities of Carlsbad, Encinitas, Escondido, Oceanside, San Marcos, Solana Beach, and Vista, and the County of San Diego. The purpose of the Carlsbad Water Quality Improvement Plan is to guide the Responsible Agencies' jurisdictional runoff management plans towards achieving improved water quality in MS4 discharges (or stormwater discharges) and receiving water bodies. The proposed project is located within the San Marcos Hydrologic Area, which is the second largest within the Carlsbad Watershed Management Area. The Carlsbad Management Area Water Quality Improvement Plan outlines areas of priority water quality conditions and highest priority water quality conditions. No potential wetland or non-wetland water features are present within the biological study area. As such, the proposed project would not conflict with or obstruct implementation of the Carlsbad Management Area Water Quality Improvement Plan or any other water quality plan. Further, the site is not located within a sustainable groundwater management plan area. Therefore, impacts are determined to be less than significant.

2.11 Land Use and Planning

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XI. LAND USE AND PLANNING – Would the project:				
a) Physically divide an established community?	☐	☐	☒	☐
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?	☐	☐	☒	☐

a) Would the project physically divide an established community?

Less-than-Significant Impact. As described under Section 1 above, the project is a mixed-use residential development project on a 10.5-acre site. The project consists of demolition of 63,484 square feet of existing (primarily vacant) restaurant uses on site, re-development with 202 multifamily residential units, 10,400 square feet of commercial retail uses, and a 1.1 acre public park (Figure 3, Conceptual Site Plan). Residential units would consist of 8 three-bedroom townhomes over commercial ("town over commercial"); 17 "front street" townhomes ranging in size from three to four bedrooms; 57 "greencourt" townhomes ranging in size from two to four bedrooms; and 120 "motorcourt" townhomes ranging in size from two- to three-bedrooms. Private balcony/patio space would be included for each residential unit. Development of the project would be guided by the project's Specific Plan, which provides development guidelines, policies, and regulatory measures (Appendix M). Open space amenities would be located in the northeastern portion of the project site, and commercial uses would be placed along the southern and eastern project boundaries. Primary project access would be via West San Marcos Boulevard at the project's southern boundary. The project would provide 501 parking spaces.

The project includes a General Plan Amendment and Rezone to change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-I) to Specific Plan Area (SPA) to allow for the proposed multifamily dwelling unit development, associated amenities, private open space, and a public park. The Specific Plan has been prepared with the intent to provide a comprehensive plan to ensure the efficient development of a new mixed-use residential community and to ensure compatibility with surrounding land uses. The project site is located in an urban part of the City within close proximity to a range of existing infrastructure and development including commercial/restaurant uses immediately north, east, and west; Bradley Park approximately 1 mile northwest; Lake San Marcos approximately 1 mile southwest; single and multifamily residential approximately 0.5 miles south; and schools/educational facilities, including San Marcos High School approximately 1 mile west. The proposed project would not incorporate new roads or require removal of roads that currently provide access to the area. Furthermore, due to the location of the project site surrounded on all sides by existing roadways, no separation or disruption of surrounding uses would occur as a result of project implementation. Because the project site is surrounded on all sides by existing development and will maintain existing pedestrian and vehicle access

through the site, it is determined that the proposed project would not divide an established community, and therefore, this impact is considered less than significant.

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 would change the project site's current General Plan and Zoning designations of Light Industrial (L-I) and Mixed-Use (MU-1) for the site. The proposed Restaurant Row Project (project) includes a request for a Specific Plan, General Plan Amendment, Rezone, two Site Development Plans (one for the development and one for the public park), and a Vesting Tentative Subdivision Map for a mixed-use residential development project on a 10.5-acre site. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-I) to Specific Plan Area (SPA). The Specific Plan has been prepared with the intent to provide a comprehensive plan to ensure the efficient development of a new mixed-use residential community. The Specific Plan serves as both a policy document and a regulatory document for the systematic implementation of the policies and goals of the General Plan. The Site Development Plan will configure the site for multifamily dwelling units, street configuration, infrastructure, recreational open space, and private open space. The Tentative Subdivision Map presents specific lot configurations for the site. A separate Site Development Plan will describe the development of the public park, consistent with the feedback gathered at a series of public workshops.

Upon City approval of the General Plan Amendment/Rezone to Specific Plan Area, the proposed project would be required to comply with the allowable multifamily residential uses and development standards outlined in the Specific Plan prepared for the project site (Appendix M). The Specific Plan includes a General Plan consistency analysis (Appendix M). Although the proposed project would amend the land use designation, the proposed project would not result in a conflict with the City's General Plan Land Use Element goals, and project implementation would not impede the City's ability to achieve these goals. The proposed 1.1-acre park, that would be publicly owned and maintained, complies with the City's General Plan Parks, Recreation and Community Health Element, and the City's Parks Master Plan Update as a location identified for a future park (City of San Marcos 2018). The proposed project would not conflict with an applicable land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. Therefore, with approval of the proposed General Plan Amendment/Rezone, project impacts related to land use and planning would be less than significant.

2.12 Mineral Resources

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XII. MINERAL RESOURCES – 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?	☐	☐	☐	☒

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
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?	☐	☐	☐	☒

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?

and

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?

No Impact. According to the City's General Plan – Conservation and Open Space Element, the City has land classified in all four Mineral Resource Zones (MRZ) (City of San Marcos 2012a). The different MRZs are defined as follows:

MRZ-1: Areas where adequate information indicates that no significant mineral deposits are present or where it is judged that little likelihood exists for their presence.

MRZ-2: Areas where adequate information indicates that significant mineral deposits are present or where it is judged that a high likelihood for their presence exists.

MRZ-3: Areas containing mineral deposits the significance of which cannot be evaluated from available data.

MRZ-4: Areas where available information is inadequate for assignment to any other MRZ zone.

California does not require that local governments protect land designated as MRZ-1, MRZ-3, or MRZ-4. However, the City is responsible for recognizing lands designated as MRZ-2 and protecting these areas from premature development incompatible with mining. City lands designated as MRZ-2 include small portions between Double Peak, Mt. Whitney, and Franks Peak; and small portions in the northern Sphere of Influence within Twin Oaks Valley Neighborhood (City of San Marcos 2012a). These locations do not overlap with the proposed project site; therefore, no loss of known mineral resources would occur.

Furthermore, the project site is currently developed and not designated as a locally important mineral resource recovery site on any local General Plan, Specific Plan, or other land use plan (City of San Marcos 2012a). Thus, due to the location and nature of the proposed project, there would be no impact to mineral resources.

2.13 Noise

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XIII. NOISE – 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?	☐	☐	☒	☐
b) Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☒	☐
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?	☐	☐	☒	☐

Dudek prepared a Noise Study for the project which is included as Appendix H to this IS/MND. The analysis herein is based on findings of Appendix H. Full details regarding noise as it relates to the project can be found in Appendix H.

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.

Short-Term Construction

Construction noise and vibration are temporary phenomena. Construction noise and vibration levels vary from hour to hour and day to day, depending on the equipment in use, the operations performed, and the distance between the source and receptor. SMMC Chapter 10.24: Noise addresses construction noise (City of San Marcos 2020a). Erection and demolition of buildings is exempt between 7:00 a.m. and 6:00 p.m. Monday through Friday and on Saturdays from 8:00 a.m. to 5:00 p.m. The SMMC does not set noise limits on construction activities. Through adherence to the limitation of allowable construction times provided in the SMMC, construction-related noise levels would not exceed local standards. However, were the City to consider adoption of the County of San Diego's Noise Ordinance noise limit of 75 dBA (8-hour energy equivalent noise level [L_{eq}]) for construction activities, then for information purposes this assessment will compare predicted construction noise against the County's 75 dBA 8-hour L_{eq} threshold. The analysis assumes that the 8-hour period over which the County's 75 dBA L_{eq} could apply would be within the aforementioned exempt hours as allowed by the City of San Marcos.

Construction assumptions, including timing, phasing, and equipment type and quantity, as well as worker and vendor truck trips, were based on information provided by the applicant. Default values provided by CalEEMod were used since detailed project site-specific information is not currently available. Equipment that could be in use during construction would include, in part, graders, backhoes, concrete saws, excavators, dump trucks, loaders, cranes, manlifts, cement mixers, pavers, rollers, welders, and air compressors. The typical maximum noise levels for various pieces of construction equipment at a distance of 50 feet are presented in Table 6 in Appendix H. Usually, construction equipment operates in alternating cycles of full power and low power, producing average noise levels over time that are less than the listed maximum noise level. The average sound level of construction activity also depends on the amount of time that the equipment operates and the intensity of construction activities during that time.

Aggregate noise emission from assumed construction activities, broken down by sequential phase, was predicted at two distances to the nearest apparent existing noise-sensitive receptor: (1) from the nearest position of the construction site boundary; (2) from the nearest position of construction activity for the "main" portion of the site (the closest receiver to construction activity is adjacent to the northern extension of the project site, which would contain six multifamily residential structures); and (3) from the geographic center of the construction site, which serves as the time-averaged location or geographic *acoustical centroid* of active construction equipment for the phase under study.

The intent of the former distance is to help evaluate anticipated construction noise from a limited quantity of equipment or vehicle activity expected to be at the boundary for some period of time, which would be most appropriate for phases such as site preparation, grading, and paving. The latter distance is used in a manner similar to the general assessment technique as described in Federal Transit Administration guidance for construction noise assessment (FTA 2018), when the location of individual equipment for a given construction phase is uncertain over some extent of (or the entirety of) the construction site area. Because of this uncertainty, all the equipment for a construction phase is assumed to operate—on average—from the acoustical centroid. Table 7 in Appendix H summarizes these three distances to the apparent closest noise-sensitive receptor for each of the five sequential construction phases. Adoption of the County's noise ordinance threshold would mean that an "occupied property," which could be a residence or any occupied building, would be the nearest noise-sensitive receptor in this context. At the site boundary, this analysis assumes that the equipment may be operating up to 8 hours per day (i.e., comparable to a typical on-site work shift).

A Microsoft Excel–based noise prediction model emulating and using reference data from the Federal Highway Administration Roadway Construction Noise Model (FHWA 2008) was used to estimate construction noise levels at the nearest occupied noise-sensitive land use.

As presented in Table 8 in Appendix H, the estimated maximum construction noise levels at the closest noise-sensitive receptor (church) are predicted to be greater than 75 dBA L_{eq}, when activities take place within the rectangular extended site area at the northern end of the project site. Note that these estimated noise levels at a source-to-receiver distance of 50 feet occur when noted pieces of heavy equipment would each operate at the same location along the northern property boundary of the northern site extension area for a cumulative period of 8 hours a day. However, construction equipment would move through the project area throughout an 8-hour day, resulting in average 8-hour noise levels that are less than the maximum noise levels. Although maximum construction noise at the closest off-site noise-sensitive receiver could exceed 75 dB(A) L_{eq}, the analysis of these noise levels is extremely conservative, because it assumes all equipment in the phase is working simultaneously in the same location along the northern boundary. Given

the analysis at this distance is very conservative, and because San Marcos has not adopted the San Diego County ordinance, construction noise impacts even within the northern site extension area would be considered less than significant.

The site extension area at the north end of the project site has a depth of approximately 300 feet, as measured perpendicular to the closest noise-sensitive receptor. The construction noise model was run with this distance separation for construction activities, the results of which are also presented in Table 8 in Appendix H (Nearest Noise Sensitive Receptor to Main Construction Area). As can be seen in Table 8 in Appendix H, the estimated construction noise levels at the closest noise-sensitive receptor (church) are predicted to be less than 75 dBA L_{eq} averaged over an 8-hour period, when activities take place no closer than the boundary of the main project site (along the northern project site boundary, excluding the extension or pop-out near the middle of the northern project site boundary). Note that these estimated noise levels at a source-to-receiver distance of 300 feet occur when noted pieces of heavy equipment would each operate for a cumulative period of 8 hours a day. Therefore, for construction activities taking place within the main project site boundaries, construction noise levels at the closest noise-sensitive receptor would comply with the County's standard, and therefore, mitigation would not be required for construction activities occurring within the main project site (i.e., no closer than 300 feet to the adjacent church).

Finally, Table 8 in Appendix H provides the results of the construction noise analysis based upon the distance from the acoustical centroid to the closest noise-sensitive receptor. This scenario is meant to address construction activities distributed across the site, rather than those occurring along the closest site boundary to the sensitive receptor. The values based on the acoustical centroid are considered to be more representative of average construction noise exposure levels at adjacent properties across the entire construction period. As illustrated in Table 8 in Appendix H, noise levels based on the acoustical centroid would average no more than approximately 66 dBA, which is the equivalent of normal conversation levels. Thus, when considered over the entire construction process, it is anticipated that construction noise levels at the closest noise-sensitive receptor would not be intrusive or disruptive.

Compared to measurements of the daytime outdoor ambient sound level at representative sample locations as shown in Table 5 in Appendix H, predicted construction noise levels ranging in the lower to middle seventies of dBA as appearing in Table 8 in Appendix H are considerably higher and would be clearly perceptible to an average listener having healthy human hearing. However, there are no residences within 1,000 feet of the project site; the nearest noise-sensitive uses are a church and a pre-school. At the nearby church and pre-school, exposure to such construction-related noise would typically be relatively short term and temporary—lasting only as long as construction occurs during allowable hours. And because it is anticipated that construction activities associated with future development as a result of the proposed project would take place within the hours of 7:00 a.m. and 6:00 p.m. Monday through Friday and on Saturdays from 8:00 a.m. to 5:00 p.m., the noise-producing activity would thus be in compliance with the SMMC with respect to allowable hours. Construction noise impacts would be considered less than significant.

Long-Term Operational

Roadway Traffic Noise

The proposed project's residences and commercial space would result in the introduction of vehicle trips on local arterial roadways (i.e., San Marcos Boulevard, Via Vera Cruz, and South Las Posas). However, the project would eliminate several existing restaurants that have a fairly high trip generation rate. According

to the project traffic impact assessment (Appendix I), the project would reduce average daily trips coming from the project site, compared to the existing restaurants. Table 9 in Appendix H presents the conclusion of the traffic analysis, which is shown as estimated reduction of 551 average daily trips to local roadways.

Given the project would reduce traffic trips from the site to area roadways, traffic noise on area roadways would not change as a result of project implementation. Thus, a less-than-significant impact is expected for proposed project-related off-site traffic noise affecting existing residences in the vicinity.

Exterior Noise Exposure for Future Project Occupants

Aside from exposure to aviation traffic noise, current CEQA noise-related guidelines at the state level do not require an assessment of exterior-to-interior noise intrusion, environmental noise exposure to occupants of newly created project residences, or environmental noise exposure to exterior nonresidential uses attributed to the potential future development at the proposed project site. Nevertheless, the City's CEQA guidelines and the California Building Code requires that interior background noise levels not exceed a CNEL of 45 decibels (dB) within habitable rooms. Hence, the following predictive analysis of traffic noise exposure and commercial noise sources at the exteriors of occupied residences and outdoor living areas is provided to support evaluation of the project for Noise Element policy compliance, which includes exterior noise compatibility levels of 65 dBA CNEL for multifamily residential uses and 60 dBA CNEL for parks. A detailed description of applicable State and Local regulations related to noise is outlined in Section 2 of Appendix H.

Traffic Noise

Potential noise exposure for future project residents from vehicular traffic on adjacent roadways was assessed using worksheets based upon the Federal Highway Administration's Traffic Noise Model version 2.5. Year 2019 traffic volumes were obtained from the City of San Marcos Public Works Division (City of San Marcos 2023) and Year 2030 traffic volumes were calculated using a 1.5% annual growth rate (which is representative of regional traffic growth in California, and compares well to the current actual annual growth rate for San Marcos of 1.9% annually). Table 10 in Appendix H presents the results of traffic noise modeling. It should be noted that proposed new driveways/roads interior to the project site were not assessed for noise generation, due to the much lower quantity of trips on these roadways compared to Las Posas or Via Vera Cruz, both of which were found to generate noise levels less than 60 dBA CNEL.

The traffic noise exposure levels in Table 10 in Appendix H are calculated for the project boundary closest to the identified roadway segment. As outlined in Table 10 in Appendix H, estimated Year 2023 traffic noise exposure levels at the project boundary closest to Las Posas Road would be approximately 58 dBA CNEL; traffic noise levels at the project boundary closest to Via Vera Cruz would be approximately 59 dBA CNEL; and traffic noise levels at the project boundary closest to San Marcos Boulevard would be approximately 71 dBA CNEL. For project boundaries closest to Las Posas Road and Via Vera Cruz, a number of existing structures exist between the roadway segment and the project boundary. These existing buildings would provide some shielding for traffic noise propagation, and thus calculated roadway traffic noise levels along these project boundaries would be lower than the calculated value presented in Table 10 in Appendix H (the values represent a conservative worst-case with no intervening buildings). The project boundary adjacent to San Marcos Boulevard has unobstructed exposure to the street, and therefore, the traffic noise value in Table 10 in Appendix H for San Marcos Boulevard represents expected future conditions, with no conservatism.

The proposed park would extend from the project boundary closest to Las Posas Road to the project boundary closest to Via Vera Cruz. The maximum traffic noise level exposure at the ends of the park closest to these roadways would be no greater than 59.2 dBA CNEL, which is below the Noise Element recommended 60 dBA CNEL maximum for parks. Proposed residences along these project boundaries would also be exposed to traffic noise levels below the Noise Element Policy limit of 65 dBA CNEL for multifamily residences (Appendix H).

The project would place five rows of two-story structures between San Marcos Boulevard and the park area, which would be expected to reduce traffic noise exposure within the park area by a minimum of 20 dBA CNEL. Therefore, traffic noise exposure levels from San Marcos Boulevard in the park area would not be anticipated to exceed 50 dBA CNEL. Traffic noise exposure levels in the park area would therefore remain within the Noise Element policy limits of 60 dBA CNEL.

Based on the Year 2030 results of the above traffic noise analysis, the first row of structures adjacent to San Marcos Boulevard could have traffic noise levels in front yard areas and at the façade facing San Marcos Boulevard of approximately 70 dBA CNEL. To achieve compliance with the Noise Element multifamily residential exterior exposure limits of 65 dBA CNEL in yard areas immediately adjacent to San Marcos Boulevard, a solid fence or landscape wall of 6 feet in height would be provided between the yard area and San Marcos Boulevard (PDF-9). The wall would reduce traffic noise exposure in the yard areas to approximately 63 dBA CNEL.

The first building row adjacent to San Marcos Boulevard is proposed to be two stories in height, effectively spanning the project property frontage except for one entry drive. This row of buildings would reduce traffic noise exposure at the next row of residences by a minimum of 10 dBA CNEL, and the further distance from the traffic noise source would reduce levels by another 3 dBA CNEL. Therefore, residences interior to the project site would not be exposed to traffic noise exposure levels greater than approximately 57 dBA CNEL, comfortably within the Noise Element limit of 65 dBA CNEL.

California Code of Regulations Title 24 requires that an interior noise analysis be performed where exterior noise exposure would exceed 60 dBA CNEL, which would be the case for the façades of the first row of buildings immediately adjacent to San Marcos Boulevard. California Code of Regulations Title 24 and the City of San Marcos also require that interior noise levels due to exterior noise sources not exceed 45 dBA CNEL for multifamily residences. An interior noise analysis is not currently required under CEQA, but a preliminary discussion for informational purposes is provided below.

No exterior wall assembly has been provided yet, but it is assumed the exterior wall for the project structures will be of standard construction and consist of three-coat stucco or exterior paneling over sheathing, on wood studs with a single layer of gypsum board on the interior and batt insulation in the cavity. This assembly has an attenuation capacity of typically 40–45 (identified by a Sound Transmission Classification [STC] rating), which means the exterior solid wall could reduce exterior noise levels by at least 40 dBA in interior spaces. However, windows and doors are not as effective in reducing noise levels from exterior to interior spaces. Therefore, for residences in the first row of structures adjacent to San Marcos Boulevard, to achieve the interior criterion of 45 dBA CNEL, exterior doors and windows located on the building façade facing San Marcos Boulevard should have a minimum STC rating of 35 (PDF-10).

Exterior Noise Exposure Levels from Adjacent Commercial and Industrial Land Uses

Existing commercial uses, including restaurants, commercial offices, and a bank, would be preserved on the property immediately to the east and north of the project site. Roof-mounted heating, ventilation, and air conditioning (HVAC) equipment on the closest restaurant to the eastern project site boundary is located approximately 100 feet from the eastern property boundary of the project site. Based on a Carrier brand 20-ton package HVAC unit, the sound level for the HVAC equipment at the closest restaurant would be 77 dBA at 10 feet, attenuated to approximately 59 dBA at the project site eastern boundary. Parking lots associated with the commercial uses north and east of the project site would be the primary noise source that would continue to exist adjacent to the project. The average noise level for a commercial parking lot is approximately 63 dBA L_{eq} at 50 feet from the edge of the parking lot (Appendix H). The closest parking stalls to the project site would be located at approximately 50 feet from future residences within the project. Adding HVAC noise to the parking lot noise would result in noise exposure no greater than approximately 66 dBA L_{eq} at residences along the northern and eastern project site boundary. With standard residential construction capable of providing an exterior to interior attenuation of 25 dBA, interior noise levels should remain below 45 dBA L_{eq}. The adjacent businesses would not be anticipated to operate between 10:00 p.m. and 7:00 a.m., and therefore, industrial and commercial uses should not result in interior noise levels within project homes that exceed 45 dBA CNEL. For the first row of residences along the northern and eastern project site boundaries, noise could be marginally above the recommended exterior limits (66 dBA CNEL compared to a limit of 65 dBA CNEL) where yards are provided between the residences and the project site boundary. Solid fencing or landscape walls 6 feet in height at the yard boundary closet to the project site boundary would reduce noise levels below 65 dBA, which would prevent exterior noise exposure that exceeds the Noise Element limit at proposed yard areas adjacent to the northern and eastern project site boundaries.

Exterior Noise Exposure – Recreational Noise Sources

The proposed recreation area within the project site includes four proposed pickleball courts, at the extreme east end of the park site. The pickleball courts' locations are between approximately 50 and 108 feet from the closest residence on the site (immediately south of the pickleball courts). Other on-site residences in the area (along the southern park boundary) would be located between 60 and 200 feet from the pickleball courts. Pickleball play has been demonstrated to generate average sound levels of approximately 64 dBA L_{eq} at 30 feet (Appendix H). Pickleball noise could average 62 dBA L_{eq} at the closest on-site residence while all the courts are in use; other on-site residences further away would experience lower pickleball noise levels. These noise levels would comply with the SMMC daytime limit of 65 dBA L_{eq} for multifamily residence zoning. The pickleball courts would not be anticipated to be used in the nighttime period (i.e., later than 10:00 p.m.), and therefore would not need to comply with the nighttime SMMC limit of 55 dBA L_{eq}. Daytime/evening only use of the pickleball courts would produce exterior noise levels no greater than 63 dBA CNEL at the closest residence, which would result in interior noise levels no greater than 38 dBA CNEL, given an exterior to interior attenuation performance for residential construction. While the pickleball noise would not be expected to exceed applicable limits in the SMMC, the use of sound attenuating material on the court fences would reduce the potential for residence annoyance from pickleball play. Sound levels at the closest property line from pickleball play would attenuate to approximately 63 dBA L_{eq}, and therefore, pickleball noise would also be compliant with the SMMC limit of 65 dBA L_{eq} within the commercial zone to the east of the project site. The conceptual park plan also includes a proposed lawn area with some casual tiered seating, with no proposed amplified sound system. In addition to the pickleball courts, proposed

active recreational uses include a tot lot and all-wheel rolling plaza (i.e., area for rollerblading, skating, skateboarding, etc.); neither of these two active recreation areas would be equipped with an amplified sound system. As such, sound levels generated by use of the tot lot and roller plaza would be anticipated to remain well below the SMMC daytime limit of 65 dBA L_{eq} at the nearest multifamily residences; neither the tot lot nor roller plaza are anticipated to be open in the nighttime period. As a public park, the Parks Department would need to issue a permit for a special event at the tiered lawn area or within other areas of the proposed park. Due to the proximity of the park to homes, it is anticipated the City would restrict special event permits to prohibit the use or portable amplified sound systems.

Stationary Operations No-ise

Future residential and commercial development on the project site will add a variety of noise-producing mechanical equipment, primarily involving HVAC equipment for habitable spaces. While there would be some commercial space included in the proposed development, residential structures would be the dominant land use and the quantity of HVAC units would substantially outnumber the systems dedicated to commercial spaces Therefore this stationary equipment operations noise analysis focuses on residential space HVAC equipment. Within the park component, the only substantial noise source would be the proposed skatepark and pickleball courts (discussed above). Modeling of project stationary source noise levels at areas adjacent to the project site does include both residential HVAC sources and the pickleball courts. Operational noise levels were calculated using Dudek's NoisePro (Appendix H).

As proposed, structures would be arranged to create a relatively continuous building block along the exterior project site. The gaps between structures would be minor compared to the length of connected structures, and therefore, the first row of buildings along the exterior lot boundary would present an effective sound barrier for stationary noise sources more internal to the project site. The noise model therefore includes air conditioner condenser units for the first row of buildings closest to the exterior perimeter of the project site. Dudek used the reference sound level (68 dBA at 1 meter) for a Carrier 16NA-48 5-ton HVAC unit to represent the HVAC system for each residential unit located along the project site boundary. A total of 64 HVAC units were included in the model for the residences along the project site boundaries. A sound level reference of 64 dBA at 30 feet was included in the model for each of the four pickleball courts. A total of seven receiver points were included in the model space, along the project property boundary adjacent to concentrations of project stationary noise sources, to represent the worst-case noise levels for simultaneous operation of all air conditioners in residential units along the site boundaries, and with games on each of the four pickleball courts.

Table 11 in Appendix H presents the results of the project operational noise prediction modeling at the seven receiver locations (R1-R7) in the NoisePro model space, as well as at the two closest ambient noise measurement locations (ST2 and ST3). Refer to Figure 4 of Appendix H for the locations of R1-R7, ST2, and ST3. These modeled receptor positions are intended to represent project operational sound levels along the project site property boundaries as well as at the noise-sensitive uses closest to the project site, for comparison to City of San Marcos noise ordinance limits. Properties immediately adjacent to the project site include commercial land uses to the west, south, and east, as well as north of the eastern half of the project site, where the applicable SMMC limit in the overnight period is 55 dBA $L_{eq.}$ and during the daytime is 65 dBA $L_{eq.}$ Uses to the north of the western half of the project site are industrial, where the applicable SMMC limit in the overnight period is 60 dBA $L_{eq.}$ and during the daytime is 65 dBA $L_{eq.}$

As indicated in Table 11 in Appendix H, project operational noise levels at each modeled location except R4 and R5 would range from 42 to 53 dB(A) L_{eq} and would fall below the more stringent nighttime limits, indicating that even if all equipment is operating in the overnight period, the project noise levels would comply with the SMMC. At receivers R4 and R5, the modeled noise levels reflect use of all four pickleball courts simultaneously. Since the courts would not be anticipated to be open in the overnight period from 10:00 p.m. to 7:00 a.m., noise levels from the courts at the adjacent project site boundaries would be subject to the daytime limit for commercial zones of 65 dBA $L_{eq;}$ the modeled noise levels of 60 and 57 dBA L_{eq} at the property lines adjacent to the pickleball courts would comply with the commercial zone daytime limit of 65 dBA $L_{eq.}$ NoisePro also generates an exhibit with noise contours depicting the noise levels resulting from project operations, that illustrates noise levels extending several hundred feet from the site. Refer to Figure 4 in Appendix H for the noise contour map from the NoisePro modeling.

Dudek also compared the predicted operational noise to ambient noise levels documented during the ambient noise survey, as reported for locations ST1, ST2, ST3, and ST4. Table 12 in Appendix H presents the predicted project operational noise levels to the measured ambient noise levels; predicted project operational noise levels at each ambient noise measurement point would fall below the measured ambient noise level. Adding the project operational noise to the ambient noise level would in each case result in less than a 3 dB increase.

On the basis of comparing predicted project operational noise levels against both noise ordinance limits and ambient noise levels, a less-than-significant impact would occur for proposed project operational noise.

Cumulative Noise Assessment

Transportation Sources

The proposed project would result in a reduction in the total number of traffic trips added to the local roadway network, when compared to the existing restaurant uses, which would be eliminated by the project. Therefore, the project would not have a considerable contribution to cumulative traffic impacts in the region.

Construction Activities

Temporary changes to the outdoor sound environment could also occur not only due to project construction noise that has already been presented herein, but as a cumulative result of potential concurrent project construction activity noise and the noise emission from construction of other projects in the vicinity.

Due to the decrease in noise levels with distance and the presence of physical barriers (i.e., intervening buildings and topography), noise due to construction of other projects would not meaningfully combine with that of the proposed project and produce a cumulative noise effect during construction. By way of illustration, if there are two concurrent construction projects of comparable sound emission intensity, and the activity nearest to a common studied noise-sensitive receptor is compliant with the aforementioned 75 dBA 8-hour L_{eq}, then the other activity could be no closer than three times the distance of the receptor to the nearest activity and not make a cumulatively measurable contribution to the total noise exposure level. If, on the other hand, two concurrent projects were comparably close to a receptor, the cumulative noise would be one of the following:

- the louder (in dBA) of the two concurrent activities; or
- a logarithmic sum of the two activity noise levels that, per acoustic principles, cannot be more than 3 dBA greater than the louder of the two individual noise-producing activities.

In sum, cumulative construction noise is likely to be dominated by the closest or loudest activity to the receptor, and the combination will be no more than a barely perceptible difference (i.e., up to a 3 dBA change). On the basis of such a barely perceptible cumulative construction noise level occurring due to the proposed project and what may be a nearby concurrent construction activity, the impact would be considered less than significant.

Stationary Operational Sources

Similar to the preceding discussion of cumulative construction noise, operation noise from stationary equipment attributed to the proposed project (as already presented herein) and any others potentially operating in the future and in the vicinity of a common off-site noise-sensitive receptor would need to be compliant with the City's applicable standards. Cumulative contribution of the proposed project to this future aggregate noise level from multiple established projects or facilities assumed to have comparable individual noise emission from stationary sources would be bounded by the same potential outcomes as follows:

- the louder (in dBA) of the two concurrently operating projects or facilities; or
- a logarithmic sum of the two operation noise levels that, per acoustic principles, cannot be more than 3 dBA greater than the louder of the two individual levels.

In sum, cumulative operation noise is likely to be dominated by the closest or loudest project to the receptor, and the combination will be no more than a barely perceptible difference (i.e., up to a 3 dBA change). On the basis of such a barely perceptible cumulative operation noise level occurring due to the proposed project and what may be nearby and concurrent operation of off-site stationary noise sources, the impact would be considered less than significant.

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

Less-than-Significant Impact. Construction activities may expose persons to excessive groundborne vibration or groundborne noise, causing a potentially significant impact. Caltrans has collected groundborne vibration information related to construction activities. Information from Caltrans indicates that continuous vibrations with a peak particle velocity (PPV) of approximately 0.1 inches per second (ips) could be considered annoying on the basis of it being "strongly perceptible" by building occupants. For context, heavier pieces of construction equipment, such as a bulldozer that may be expected on the project site, have PPVs of approximately 0.089 ips PPV or less at a reference distance of 25 feet (Appendix H).

Groundborne vibration attenuates rapidly, even over short distances. The attenuation of groundborne vibration as it propagates from source to receptor through intervening soils and rock strata can be estimated with expressions found in Federal Transit Administration and Caltrans guidance. By way of example, for a bulldozer operating on site and as close as the northern project boundary (i.e., 50 feet from the nearest occupied property) the estimated vibration velocity level would be 0.03 ips PPV per the equation as follows (FTA 2018):

$$PPV_{rcvr} = PPV_{ref} * (25/D)^{1.5} = 0.089 * (25/50)^{1.5} = 0.006$$

In the above equation, PPV_{rcvr} is the predicted vibration velocity at the receiver position, PPV_{ref} is the reference value at 25 feet from the vibration source (the bulldozer), and D is the actual horizontal distance

to the receiver. Therefore, at this predicted PPV, the impact of vibration-induced annoyance to occupants of nearby existing homes would be less than 0.1 ips PPV and therefore less than significant.

Construction vibration, at sufficiently high levels, can also present a building damage risk. However, anticipated construction vibration associated with future development on site would yield levels of 0.03 ips, which do not surpass the guidance limit of 0.2 to 0.3 ips PPV for preventing damage to residential structures (Caltrans 2020). Because the predicted vibration level at 50 feet is less than this guidance limit, the risk of vibration damage to nearby structures is considered less than significant.

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?***

No Impact. There are no private airstrips within the vicinity of the project site. The closest airport to the project site is the McClellan Palomar Airport located approximately 4.6 miles west of the site. The project site is not located within the boundaries of the land use plan adopted for this airport. Therefore, no Impact would occur.

2.14 Population and Housing

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XIV. POPULATION AND HOUSING – 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)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☒	☐

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 consists of demolition of 63,484 square feet of existing (primarily vacant) restaurant uses on site, and re-development of 202 multifamily residential units and 10,400 square feet of commercial retail uses on the 10.5-acre project site (Figure 3, Conceptual Site Plan).

As of 2022, the City has a persons per household ratio of 3.01 (DOF 2022). (DOF 2022). Using this household ratio of 3.01, development of 202 residential dwelling units at the project site would accommodate approximately 608 people. Although not all residents of the development would be new to the City of

San Marcos, residential development on the project site would result in unplanned growth for the City because residential development within the project site was not accounted for in the City's General Plan.

However, development of the project would not directly induce further population growth in the area. The area surrounding the project site is already developed with commercial and residential uses, and the proposed project site is currently developed with existing access roads and utility service. Therefore, no indirect impacts associated with the extension or construction of roads or expansion of public utilities are expected to occur as a result of the proposed project.

The City of San Marcos is forecasted to grow from 98,915 persons in 2020 to 109,095 persons in 2035, which is a population increase of 10,180 (SANDAG 2013). Additionally, SANDAG allocated 3,116 housing units to the San Marcos area for the 2021–2029 Housing Element Cycle (SANDAG 2020). Approval of the proposed project would accommodate the substantial population growth projected to occur within the City and the need for housing.

The proposed project would be subject to compliance with the City's General Plan Housing Element goals and policies and compliance with housing-related ordinances in the SMMC, and would be subject to applicable development fees, as outlined below.

The City's Growth Management Ordinance (SMMC Chapter 20.315) was adopted to implement the General Plan and to manage the projected growth of residential, industrial, and commercial development. The ordinance requires that all new development bear the cost of providing the public facilities and services needed to effectively serve the new development. The Growth Management Ordinance does not limit density of development or cap the number of residential building permits that can be issued within the planning period. To the contrary, the ordinance will ensure that public facilities and services are, or will be, provided to serve future residential development anticipated by the Regional Housing Needs Assessment.

The City's Inclusionary Housing Ordinance, established in May 2000, requires housing developers of one or more units to contribute to housing for extremely low, very low-, low-, and moderate-income households as defined by the U.S. Department of Housing and Urban Development. Developers of for-sale single-family projects and rental projects of six or fewer units may pay an in-lieu fee in accordance with SMMC Section 20.310.050. In-lieu fees are deposited into an interest-accruing account to provide housing opportunities for target households. The City has the discretion to accept an irrevocable dedication of land or other non-monetary contribution that is not less in value than the otherwise required in-lieu fee if the non-monetary alternative furthers the goals and policies of the Housing Element.

The City of San Marcos charges fees to process plans submitted for residential projects and to finance the provision of important services that are needed to accommodate housing and population growth. Fees and exactions are used to finance public facilities, roadways, water and sewer infrastructure, schools, and other community services. Nearly all of these fees are assessed through a pro rata share system, based on the magnitude of the project's impact or the extent of the benefit that will be derived. The City's fees have not been found to act as a constraint to the development of housing in San Marcos. For new residential projects, developers in San Marcos may be required to pay one or more of the following fees depending on the location, type, and size of the project: Planning, Building and Environmental Fees; City Impact Fees; and Regional Impact Fees (City of San Marcos 2021).

In summary, implementation of the project would change the site's land use designation and zoning from Light Industrial (L-I) and Mixed-Use 1 (MU-1) to Specific Plan Area (SPA) in a manner that would accommodate development of 202 residential units, 10,400 square feet of commercial use, and associated open space amenities and parking. The project would generate housing anticipated to accommodate approximately 608 people, in a location where housing was not previously accounted for by the City. However, based on existing growth projections and the need to provide housing opportunities to accommodate projected growth, the proposed project would not induce substantial unplanned population growth in the City. Additionally, the portion of the project site with an existing MU-1 zoning has a development capacity of 266 units (20–30 dwelling units per acre), which is more than the 202 units proposed under the project. Further, because the proposed project site is currently developed with existing access roads and utilities, no indirect impacts associated with the extension or construction of roads or expansion of public utilities are expected to occur as a result of the proposed project. As the proposed project would be required to comply with City regulations and applicable fees outlined above, impacts associated with the proposed project are determined to be less than significant.

*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 is currently developed with commercial uses and associated parking. The site does not include any existing residences. Implementation of the proposed project would displace existing restaurants (most of which are vacant) but would not displace any existing housing or necessitate the construction of replacement housing elsewhere. Impacts are determined to be less than significant.

2.15 Public Services

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XV. PUBLIC SERVICES				
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:				
iv) Fire protection?	☐	☒	☐	☐
v) Police protection?	☐	☒	☐	☐
vi) Schools?	☐	☐	☒	☐
vii) Parks?	☐	☐	☒	☐
viii) Other public facilities?	☐	☐	☒	☐

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:

Fire protection?

Potentially Significant Unless Mitigated. Residential uses were not considered at the project site in the City's General Plan, and the land use change from Light Industrial (L-I) and Mixed-Use 1 (MU-1) to Specific Plan Area (SPA) to accommodate the proposed residential development could result in an increase in demand on SMFD. The proposed project would result in development of 202 residential dwelling units and 10,400 square feet of commercial uses. The proposed residential units are expected to house approximately 608 residents. The estimated generation of 608 residents is calculated based on an average of 3.01 occupants per household. The proposed project would increase the demand on SMFD resources in comparison to the existing development on site and that allowed under the current land use designation of Light Industrial and Mixed-Use. Although not all residents of the project would be new to the City, the estimated additional numbers of residents at the project site would increase the need for fire protection services related to routine fire and emergency medical calls and would increase the demand on SMFD Station 1, which would provide primary response to the project site; with SMFD Station 2 responding, as necessary.

The proposed project would be required to comply with the City's Development Services Fees outlined in SMMC Section 17.44.030. Payment of the Development Services Fees go towards City services, which include the Fire Protection District, to ensure adequate fire protection facilities are provided. In addition, the project would be required to annex into Community Facility District CFD 2001-01 (Fire and Paramedic) (mitigation measure MM-PS-1). This would offset the project's increase in demand for fire protection services. Furthermore, the project would be required to comply with any recommendations outlined in the Fire Response Technical Memorandum prepared for the project (Appendix L to this IS/MND). The Fire Response Technical Memorandum prepared for the project determined that both SMFD Stations 1 and 2 are well-within the City's time response goal for first-in fire engine and medic ambulance to the entire project site. Furthermore, the addition of approximately 1 call per 3.5 days anticipated as a result of the project is not considered a significant increase. This is modeled off a conservative approach of four persons per unit as described in the Fire Response Technical Memorandum. The project would not warrant construction of new fire facilities that could create physical impacts; therefore, with implementation of MM-PS-1, impacts would be less than significant.

MM-PS-1: Prior to the issuance of a grading permit, the applicant/developer/property owner shall submit an executed version of petition to annex into and establish, with respect to the property, the special taxes levied by the following Community Facility District: CFD 2001-01 (Fire and Paramedic).

Police protection?

Potentially Significant Unless Mitigated. The proposed residential development would develop 202 residential dwelling units, generating approximately 608 residents at the project site. Residential development at the project site would increase the demand on police protection services in comparison to the existing uses on site and uses allowed under the current land use designation due to the introduction

of residents. Although not all residents would be new to the City, the proposed project could increase the need for police protection services through routine police and emergency calls and could increase the demand on the San Diego County Sheriff's Department San Marcos Station, which would serve the project site. The San Marcos Station is located approximately 4-miles east of the project site.

Implementation of the proposed project would be expected to increase the frequency of emergency and non-emergency calls to the Sherriff's Department. However, over 100 deputies, volunteers, and professional staff serve the residents of the City. Law enforcement services include general patrol, criminal investigation, crime prevention, juvenile services, narcotics and gang investigations, communications and dispatch, and various management support services. Unlike fire services, which respond solely to emergencies, law enforcement services consist of patrolling large areas 24 hours a day, 365 days a year. Police units are continuously mobile, and service calls are responded to by the nearest available mobile unit. At the San Marcos Station, patrol deputies are assigned to a geographical "beat" area, allowing deputies to become familiar with citizens and problems within their "beats" (SDCSD 2023). Accordingly, service ratios and response times are anticipated to remain adequate with implementation of the proposed project. As such, the proposed project is not expected to affect police protection such that new or physically altered governmental facilities are needed.

Additionally, the proposed project would be required to comply with the City's Development Services Fees outlined in SMMC Section 17.44.030. Payment of the Development Services Fees funds needed City services, which include the Sheriff's Department. Furthermore, the project applicant/developer/property owner shall annex the site into the preexisting Community Facilities District for Police Services (CFD 98-02IA1) (mitigation measure **MM-PS-2**). Participation in the CFD will offset the cost of increases in necessary services resulting from implementation of the proposed project.

Therefore, while the proposed project would likely place a slight increase in demand on police protection services, it is not anticipated that the proposed project would result in the need for construction or expansion of existing police facilities and impacts to police protection resulting from the proposed project would be less than significant with implementation of MM-PS-2.

MM-PS-2: Prior to the issuance of a grading permit, the applicant/developer/property owner shall annex the site into the preexisting Community Facilities District for Police Services (CFD 98-02IA1).

Schools?

Less-than-Significant Impact. Primary education throughout the City is served by the San Marcos Unified School District (SMUSD). La Mirada Academy (serving grades K-8) and San Marcos High School (serving grades 9-12) are the schools within SMUSD that would be expected to serve grade-school residents at the project site. Using the SMUSD student generation rates as described in the City's General Plan – Land Use and Community Design Element (elementary students = 0.2271, middle school students = 0.0963, high school students = 0.1032), the proposed project would generate approximately 46 elementary school students, 19 middle school students, and 21 high school students, respectively (City of San Marcos 2012a).

Prior to project approval, the project would be required to obtain will-serve letters from the SMUSD or servicing schools to confirm such schools have adequate capacity. Furthermore, the project would be required to contribute development fees to SMUSD pursuant to California Education Code Section 17620

et seq. and Government Code Sections 65995(h) and 65996(b), and the SMMC Section 17.52.050. The project developer/applicant would be required to pay the school mitigation fees that are in effect at the time of building permit issuance unless a direct agreement otherwise has been made with SMUSD. The current school fee for residential development required by SMUSD is $4.44 per square foot; however, this fee amount could change between the drafting of the CEQA document for the project and the time of building permit issuance (SMUSD 2020). Further, consistent with General Plan Policy LU-11.2, the project would be required to provide a letter from the school district(s) to the City prior to the issuance of building permits confirming these fees have been paid (City of San Marcos 2012a). SB 50 states that the fees imposed by school districts shall constitute the exclusive method of considering and mitigating impacts on school facilities caused by a development project. Such payment shall provide "full and complete mitigation of the impacts of any legislative or adjudicative act…on the provision of adequate school facilities" (Government Code Section 65995(h)). As such, with contribution of required development fees, impacts to schools as a result of the proposed project would be less than significant.

Parks?

Less-than-Significant Impact. As previously described, the proposed project would develop 202 residential dwelling units, generating approximately 608 residents. This increase in residents would increase demands for neighborhood and regional parks and other recreational facilities. The City requires any project that increases the demands for park and recreation needs to pay into the City's Public Facility Fees (PFF). This fee is to be used for developing public neighborhood parks, regional parks, and recreational facilities, as outlined in the City's Park Master Plan Update (City of San Marcos 2018). The provision of useable common open space, private open space, and payment of the PFF would maintain the City's service standard for parks within the City.

The site would be linked together through a series of landscaped promenades and paseos that not only facilitate pedestrian and bike connectivity but create public spaces for people to congregate. The pedestrian connections would be punctuated with social gathering nodes and opportunities for public art. The project includes development of a 1.1-acre public park. The north and south connecting paseo would link to the public park in the northeast portion of the Specific Planning area (Figure 5, Conceptual Public and Private Park Plan). The public park design was developed through a series of public workshops, during which multiple amenities were explored with the community. Based on the public workshops, the public park would include bench seating and tables, pergola, wayfinding signage, four standard pickleball courts with bleacher seating, a playground with rubber surfacing and play equipment, connecting walkways, a passive lawn area with amphitheater seating and hillside seating, and restroom facilities. The project would also provide for HOA-maintained public gathering spaces on site, including a barbeque area with benches and tables, and a public dog park separated into two areas for large breed dogs and small breed dogs.

Implementation of the 1.1-acre public park would offset the project demand on surrounding recreational facilities in the City. Development of the public park has been analyzed throughout this IS/MND as part of the project. Development of the public park on-site would not result in significant environmental impacts, and impacts are determined to be less than significant.

Other public facilities?

Less-than-Significant Impact. The proposed project would develop 202 units, generating approximately 608 residents at the project site. Although not all of these residents would be new residents to the City, the

generation of residents at the project site would increase the demands on library services and resources in comparison to the project site's current development and land use designations. However, additional library services are available in the County through a cooperation of County libraries, independent city libraries, and the Imperial County Library, which collectively form the Serra Library System. This system enables County library cardholders to check out library materials from the other Serra member libraries (Serra Cooperative Library System 2023). In addition, community members can purchase a community borrower card to obtain borrowing privileges at the California State University San Marcos campus.) Community members can also borrow materials at Palomar Community College with a valid picture ID and proof of current mailing address. These additional library resources are located in the San Marcos community and provide over 200,000 square feet of additional library space. Therefore, impacts to other public facilities in the City as a result of the proposed project would be less than significant.

2.16 Recreation

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XVI. RECREATION				
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?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

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?

and

b) Does 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. According to the California Department of Finance (DOF), there are approximately 3.01 persons per housing unit in San Marcos (DOF 2022). The project involves development of 202 residential dwelling units, which is estimated to generate approximately 608 residents using the Department of Finance's 3.01 persons per household unit estimate (see Section 3.12, Population and Housing). This increase in residents would increase demands for neighborhood and regional parks and other recreational facilities. The City of San Marcos provides over 290 acres of park land with 24 community parks, 13 neighborhood parks, and 3 recreation centers. Additionally, the City provides over 72 miles of trail network for hiking, biking, running and equestrian use (City of San Marcos 2022b). The closest park to the project site is Bradley Park located approximately 0.5 miles northwest.

In addition to private balcony/patio space for each residential unit, the project would allot 20% of the site as common open space area for residents. The project would be required to comply with SMMC requirements, which outline recreation and open space requirements of residential development. In addition, the project would be required to pay the City's Public Facility Fees (PFF), required to all projects that increase the demand for park and recreation needs in the City. The PFF money would go towards the acquisition and development of local and community park facilities throughout the City to offset the demand on public park space, as described in SMMC Chapters 17.36 and 17.44. Payment of the PFF shall be made prior to City issuance of the first building permit for the project. Therefore, payment, which would ultimately contribute to development of new parks and recreational facilities, would offset the increase in demand of parks and recreational facilities generated by residential development at the project site, such that existing facilities would not substantially deteriorate.

Furthermore, as described in Section 2.15 above, the project includes development of a 1.1-acre public park that would be publicly owned and maintained. The north and south connecting paseo would link to the public park in the northeast portion of the Specific Planning area (Figure 5, Conceptual Public and Private Park Plan). The public park design was developed through a series of public workshops, in which multiple amenities were explored with the community. Based on the public workshops, the public park would include bench seating and tables, pergola, wayfinding signage, four standard pickleball courts with bleacher seating, a playground with rubber surfacing and play equipment, connecting walkways, a passive lawn area with amphitheater seating and hillside seating, and restroom facilities. The project would also provide for HOA-maintained public gathering spaces on site, including a barbeque area with benches and tables, and a public dog park separated into two areas for large breed dogs and small breed dogs.

Implementation of the 1.1-acre public park would further offset the project demand on surrounding recreational facilities in the City. Development of the public park on site would not result in significant environmental impacts. Therefore, proposed project impacts to existing neighborhood and regional parks are determined to be less than significant.

2.17 Transportation

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

Intersecting Metrics prepared a Local Transportation Assessment (LTA) and a Vehicle Miles Traveled (VMT) Impact Analysis, which are included as Appendices I and J to this IS/MND, respectively. The analysis herein is based on findings of Appendices I and J. Full details regarding traffic and transportation as it relates to the project can be found in Appendices I and J.

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

Potentially Significant Unless Mitigated. The project site is located in an urban part of the City with numerous bicycle, pedestrian, and transit facilities. Class II bike lanes and pedestrian sidewalks are generally provided throughout the area, with pedestrian crossings located at intersections surrounding the project site. The site is also served by existing transit. The site is located in an area with moderately high employment density given the surrounding commercial and light industrial land uses. The well-developed commercial area along West San Marcos Boulevard would serve the shopping and dining demand of future residents within easy walking distance. Schools, parks, and other facilities are also walkable/bikeable from the site. The project site is adjacent to bus stops with connections to Sprinter service at Palomar College Station.

The LTA prepared for the project (see Appendix I) analyzed Level of Service (LOS) methodology for the project. Per the City's LTA guidelines, the proposed project is considered having a substantial effect if the traffic from the proposed project causes an intersection currently operating at acceptable LOS A through D to operate at LOS E or F or adds 2 or more seconds to the average vehicle delay. If an intersection is already operating at LOS E, then the proposed project is considered to have a substantial effect if the proposed project adds 2 or more seconds to the average vehicle delay. To ensure the project does not affect the current flow of traffic and roads remain operational consistent with City standards, the project includes a number of off-site/roadway improvements. As outlined in Appendix I, all study area intersections are anticipated to operate at an acceptable LOS C or better during both the AM and PM peak hours, with the anticipated changes in the traffic patterns associated with the proposed project. Additionally, the reconfiguration of the western driveway on West San Marcos Boulevard from right-in/right-out only would eliminate the failing movement (the southbound left-turn out of the project site), resulting in much improved operations at the driveway (see Appendix I),

As outlined in Table 1 of Appendix I, implementation of the proposed project is anticipated to result in a net decrease of 4,665 daily trips, a net increase of 54 AM peak hour trips (-7 inbound; 61 outbound), as well as a net decrease of 355 PM peak hour trips (-257 inbound; -98 outbound).

Primary project access would be via West San Marcos Boulevard at the project's southern boundary. A secondary project access would be on the east from Via Vera Cruz via the alleyway heading west to the project. In alignment with the San Marcos Boulevard Multi-Way Complete Streets project outlined in the City's General Plan, the project would construct a modified center median along the project frontage on West San Marcos Boulevard. This would eliminate the left-turn ingress and egress movements at the western project driveway but allow continued left-turn ingress for the existing driveway on the south side of West San Marcos Boulevard. The project would also move the existing northern curb line along West San Marcos Boulevard approximately 16 feet into the project site, with additional public street easement dedications, to accommodate the proposed multi-way roadway improvements. Furthermore, the project would implement a raised curb median along its frontage on West San Marcos Boulevard, which would separate the multi-way facility from the through travel lanes on West San Marcos Boulevard. These improvements would be non-vehicular capacity enhancing. As part of the multi-way improvements, the

project would reconstruct the existing sidewalk along its frontage, which would be constructed to City standards and would be ADA compliant. The project would replace and enhance the existing Class II bike lane along San Marcos Boulevard, as the project would remove and replace the existing bike lane with a buffered bike lane as part of the multi-way improvements.

Based on the final multi-way design, the existing San Marcos Boulevard and Via Vera Cruz bus stop, located on the northwest corner of the West San Marcos Boulevard/Via Vera Cruz intersection, may be moved slightly in comparison to existing conditions, if moved at all. However, this change, would not substantially change the bus stop spacing along the route and would have minimum to no impact on the route's operations. The existing amenities at the bus stop would be replaced in kind to current conditions with additional new amenities being implemented for the relocation of bus stop.

Project development would result in the removal of 822 existing parking spaces that currently serve the Restaurant Row site, within the project boundaries. The project would remove 7 spaces that currently serve the Buffalo Wild Wings sites to accommodate the implementation of the multi-way along San Marcos Boulevard. The proposed project would provide 501 parking spaces on site, with 392 private garage spaces being reserved for project residents and 109 spaces being open to guests, retail patrons, park users, and other uses within the shopping center. The project would provide 4 EV charging stations and 17 EV ready stalls on-site and would install charging stations in all garage parking stalls. The project would also include four ADA parking stalls as part of the proposed parking, and one ADA van accessible space. The parking requirements for each land use proposed was derived from the requirements outlined in SMMC Section 20.340.

Although this analysis determines that the project would not result in any direct traffic related impacts, the project would contribute to City-wide traffic resulting in potential cumulative impacts. Prior to issuance of a grading permit, application for annexation into Community Facility District CFD2011-01 (Congestion Management) shall be required to mitigate these impacts (mitigation measure **MM-TR-1**).

With the inclusion of the off-site/roadway improvements and parking plans, implementation of the project would not conflict with applicable plans, such as SANDAG's San Diego Forward 2021 Regional Plan, City of San Marcos Bikeway Master Plan, City of San Marcos General Plan Mobility Element, or the SMMC. Therefore, with implementation of MM-TR-1, impacts are determined to be less than significant.

MM-TR-1: Prior to the issuance of a grading permit, the applicant/developer/property owner shall submit an executed version of petition to annex into and establish, with respect to the property, the special taxes levied by the following Community Facility District: CFD2011-01 (congestion management).

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

Less-than-Significant Impact. CEQA Guidelines Section 15064.3 replaces LOS with VMT as the appropriate metric to be used in assessing a project's transportation related impacts. Under CEQA Guidelines section 15063.4(b)(1), VMT exceeding an applicable threshold of significance may indicate a significant impact, although development projects within 0.5 miles of a major transit stop are presumed to cause a less-than-significant transportation impact. A "major transit stop" includes a site containing an existing rail or bus rapid transit station, or the intersection of two or more major bus routes based on frequency of service intervals. (Public Resource Code section 21064.3.)

The North County Transit District provides public transportation within the City and the County of San Diego for Coaster rail service, Sprinter light rail service, and Breeze bus service. Sprinter service operates between Escondido and Oceanside, with connections to I-5 and the Coaster rail service operating out of the City of Oceanside. The North County Transit District operates the Palomar College Station Sprinter and Breeze transit station located approximately 0.8 miles north of the proposed project. Therefore, the project site falls just outside the 0.5-mile threshold under CEQA Guidelines Section 15064.3 subdivision (b). However, it should be noted that a Breeze bus service stops along West San Marcos Boulevard and Via Vera Cruz along the project site's southern border. As described in the project description above, based on the final multi-way design, the existing San Marcos Boulevard and Via Vera Cruz bus stop, located on the northwest corner of the West San Marcos Boulevard / Via Vera Cruz intersection, will be relocated in conjunction with the installation of improvements to San Marcos Blvd. This would not substantially change the bus stop spacing along the route and would have minimum to no impact on the route's operations. The existing amenities at the bus stop would be replaced in kind to current conditions with additional new amenities (such as an upgraded bench and shelter) being implemented for the relocation of bus stop.

Because the project site is located just beyond 0.5 miles from a major transit stop, and in compliance with the City's Transportation Impact Analysis Guidelines (TIAG; City of San Marcos 2020b), a quantitative VMT analysis was prepared for the project and is included as Appendix J to this IS/MND. As outlined in Appendix J, Section 2.1.3 of the City's TIAG, identifies the impact thresholds that should be applied to the different types of land development projects within the City. Since the proposed project would be replacing existing land uses, it is considered a redevelopment project; therefore, the following impact threshold was applied to identify VMT related impacts:

> Redevelopment Projects (Replaces Existing Uses) – As noted in Section 2.1.3.2 of the TIAG, per CEQA, a redevelopment project that replaces existing uses and results in a net decrease in VMT can be presumed to have a less-than-significant transportation impact and would not require a detailed VMT analysis; a redevelopment project that replaces existing uses and results in a net increase in VMT will require a VMT analysis. This should be calculated by estimating the total VMT for the previous and proposed land uses using SANDAG trip generation rates and citywideaverage trip lengths from the California Household Travel Survey (CHTS). If a project replaces existing uses and the project leads to a net overall increase in VMT compared to the previous uses, then the appropriate metrics and thresholds should be applied to each proposed use. If the project is a mixed-use project, then internalization should be considered when estimating its total VMT and each component's trip generation should be multiplied by its respective trip length; if the project results in a net increase in VMT, then each individual use should be analyzed under its respective threshold. In addition, the proposed land uses should be analyzed without incorporating a credit or reduction for the displacement of existing land uses at the project site.

Table 2 in Appendix J calculates the VMT the project is anticipated to generate and compares it to the VMT generated by the current uses on the project site. As shown in Table 2 in Appendix J, the project is projected to generate 10,407 VMT, which is 23,809 VMT less than the existing Restaurant Row uses, which were calculated to generate 34,216 VMT. Therefore, as per Section 2.1.3.2 of the City's TIAG, implementation of the project would result in a less-than-significant impact related to VMT.

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 project site is located in an urban area of the City bounded by West San Marcos Boulevard to the south, and existing commercial and light industrial uses to the north, east, and west. Under existing conditions, site access is provided from two points off West San Marcos Boulevard at the southern boundary of the project site. The project will similarly be served by two driveways located off West San Marcos Boulevard. All proposed circulation improvements would be designed in accordance with the City's roadway design standards to ensure proper safety requirements are met. The internal circulation network for the project would not include any hazardous design features or incompatible uses. All driveways would provide for full turning movements and provide for adequate emergency access. The project would include circulation amenities such as an interconnected mobility system for bicycles, pedestrians, and vehicles in order to provide residents with safe movement within the project site; connections to existing roadways within the vicinity of the project site; and access to regional arterial and highway networks and Sprinter/Breeze transit services. All final project plans are subject to review and approval by the City and the SMFD, and all roadway improvements implemented as part of the project would be designed consistent with City policy and guidelines.

As described in response to Threshold a) above, in alignment with the San Marcos Boulevard Multi-Way Complete Streets project outlined in the City's General Plan, the project would construct a modified center median along the project frontage on West San Marcos Boulevard. This would eliminate the left-turn ingress and egress movements at the western project driveway but allow continued left-turn ingress for the existing driveway on the south side of West San Marcos Boulevard. The project would also move the existing northern curb line along West San Marcos Boulevard approximately 16 feet into the project site, with additional public street easement dedications, to accommodate the proposed multi-way roadway improvements. Furthermore, the project would implement a raised curb median along its frontage on West San Marcos Boulevard, which would separate the multi-way facility from the through travel lanes on West San Marcos Boulevard. These improvements would be non-vehicular capacity enhancing. As part of the multi-way improvements, the project would reconstruct the existing sidewalk along its frontage, which would be constructed to City standards and would be ADA compliant. The project would replace and enhance the existing Class II bike lane along West San Marcos Boulevard, as the project would remove and replace the existing bike lane with a buffered bike lane as part of the multi-way improvements.

Furthermore, considering the proposed residential uses for the project site, no incompatible uses, such as farm equipment or motorsport vehicles, would be operated on site during project construction or operation. As such, impacts related to design features and incompatible uses would be less than significant.

d) Would the project result in inadequate emergency access?

Less-than-Significant Impact. The proposed project would have four primary access points, which include the two unsignalized driveways on West San Marcos Boulevard, and two unsignalized driveways on Via Vera Cruz (the existing northern and southern Restaurant Row driveways). The western driveway on West San Marcos Boulevard would be converted from full-access to right-in-right-out access only. The northern driveway on Via Vera Cruz would connect to the existing east–west roadway that traverses through the existing Restaurant Row site and the Regal Edwards San Marcos theater lot and connects to South Las Posas Road. The project site would have access to the driveway on South Las Posas Road, but it is anticipated to serve a negligible amount of project trips as it would be a circuitous path for people accessing

the project site from the east or north. All driveways would provide for full turning movements and would be designed to meet the design requirements codified in the California Fire Code. Additionally, adequate corner and stopping site distances would be maintained at all driveway locations.

According to the General Plan Safety Element, the San Marcos EOP governs the operations of the City during a disaster. This plan addresses response to moderate evacuation scenarios, including the identification of evacuation points and general routes (City of San Marcos 2012a). The project would be required to abide by standards as set forth in the San Marcos EOP. Implementation of the project would not impact any roadway or staging areas that are identified in any emergency planning documents and would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Additionally, a Fire Response Technical Memorandum has been prepared for the project, which includes recommendations related to emergency access and fire hazards and confirms project compliance with existing response time standards.

Furthermore, the California Fire Code, along with the SMFD, administers the rules and regulations on fire access design. Final site plans will be required to show fire and emergency responders suitable fire access roads dimensions and surfaces (California Fire Code Chapter 5, Sections 503.1 through 503.4), an adequate number of emergency rated entrances to the community (Appendix D; California Fire Code Section D106), and entryway gate access for first responders (California Fire Code Chapter 5, Section 503.6). All final project plans and the VMT Analysis prepared for the proposed project are subject to review and approval by the City and the SMFD. Proposed circulation improvements would be designed in accordance with the City's roadway design standards to ensure proper safety requirements are met (City of San Marcos 2019). Therefore, it impacts related to emergency access would be less than significant.

2.18 Tribal Cultural Resources

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XVIII. TRIBAL CULTURAL RESOURCES				
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:				
a) 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	☐	☐	☒	☐

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
b) 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?	☐	☒	☐	☐

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)?

Less-than-Significant Impact. As described under Section 2.5 of this IS/MND, the records search conducted for the project identified 25 cultural resources within the 1-mile search radius outside the project site. None of the identified resources occur within the project site. The project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. Although there are existing structures on site, none are designated historical resources. Therefore, the project would not adversely affect Tribal Cultural Resources that are listed or eligible for listing in the state or local register. Impacts would be less than significant.

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?

Potentially Significant Unless Mitigated. Under California's AB 52, Tribal Cultural Resources are defined as archaeological resources that are eligible for or listed in the California Register of Historical Resources, or resources that the lead agency determines to be a Tribal Cultural Resource with a substantial burden of evidence. Considering the developed nature of the existing site, the discovery of Tribal Cultural Resources on-site are not anticipated. To date, no Tribal Cultural Resources have been identified on the project site that would be impacted by project implementation. However, tribal consultation with the City is ongoing, and outreach letters to all Native American group representatives included on the Native American Heritage Commission contact list were mailed out on June 30, 2022, as part of preparation of the Cultural Resources report to be completed for the project. To date, four Tribes have requested consultation, including San Luis

Rey Band of Mission Indians on July 14, 2022; San Pasqual Band of Mission Indians on September 19, 2022; Rincon Band of Luiseño Indians on September 21, 2022; and Campo Band of Mission Indians on October 3, 2022. The City conducted consultation meetings with representatives of the San Luis Rey Band of Mission Indians on November 17, 2022; January 12, 2023; and February 16, 2023. Consultation with the San Luis Rey Band of Mission Indians concluded on April 16, 2023. The City conducted consultation meetings with representatives of the Rincon Band of Luiseño Indians on August 19, 2022, and December 20, 2022, with consultation concluding on December 21, 2022. Both the San Luis Rey Band of Mission Indians and Rincon Band of Luiseño Indians concluded formal consultation with the understanding that the project would implement the City's standard Tribal Cultural Resource mitigation measures. The project would implement these mitigation measures as outlined under MM-CUL-1 through MM-CUL-4 in Section 2.5. The City held one consultation meeting with the San Pasqual Band of Mission Indians on May 11, 2023. A consultation close-out letter was requested by the City on May 15, 2023. On October 18, 2023, the City notified the Campo Band of Mission Indians by letter of the opportunity to consult on the project. On October 3, 2022, the City received an emailed request from the tribe's Cultural Resources Manager, Daniel Tsosie, to consult under Senate Bill 18. The City transmitted the cultural resources report to Campo on October 18, 2022, and subsequent attempts to communicate with the tribe were not successful. The City attempted again on April 20 and July 24, 2023, to which the tribe did not respond or provide information on tribal cultural resources. Therefore, in accordance with Section 21082.3.(d)(2) of the Public Resources Code, which states that the tribe had requested consultation but failed to provide comments to the City, or otherwise failed to engage in the consultation process, the City concluded consultation with Campo on August 15, 2023.

While considered unlikely based on the current developed state of the project site, and other information received by the City to date, there remains the potential for the project to encounter previously unknown and unanticipated Tribal Cultural Resources during construction of the proposed project. In the unlikely event that construction encounters unanticipated archaeological resources, mitigation measures MM-CUL-1 through MM-CUL-4 would be implemented, as outlined in Section 2.5 above. With the implementation of MM-CUL-1 through MM-CUL-4, impacts related to Tribal Cultural Resources would be less than significant.

2.19 Utilities and Service Systems

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XIX. UTILITIES AND SERVICE SYSTEMS – 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?	☐	☐	☒	☐
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	☐	☐	☒	☐

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
c) Result in a determination by the wastewater treatment provider, which 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?	☐	☐	☒	☐
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?	☐	☐	☒	☐
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☒	☐

VWD prepared a Water and Sewer Study for the project, which is included as Appendix K to this IS/MND. The analysis herein is based on findings of Appendix K. Full details regarding water and sewer service as it relates to the project site can be found in Appendix K.

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. The proposed project development would be served by VWD. Multifamily residential sites in the VWD are typically served by on-site private water systems, which consist of separate fire and domestic systems on site. Private fire systems typically supply on-site fire hydrants and building fire sprinkler systems and require a backflow preventer at the connection to the public water system. There are existing water facilities in the vicinity of the project site which serve the existing on-site and surrounding uses.

Water service for potable residential use and fire service to the project site would be provided by VWD. VWD receives its water from the San Diego County Water Authority (Water Authority). The Water Authority is San Diego County's predominant source of water, supplying from 75% to 95% of the region's water needs (Water Authority 2016). The population within the Water Authority's service area was approximately 3.3 million people in 2020 and is projected to increase to roughly 3.8 million people by 2045. The County of San Diego is expected to develop an additional 130,000 acres between 2020 and 2050, with the majority (125,000 acres) of development dedicated to residential land uses. These regional growth projections are based on the SANDAG Series 14 Regional Growth Forecast, developed for its 2019 Federal Regional Transportation Plan, which was adopted by SANDAG's Board of Directors on October 25, 2019. In fiscal year 2020, total water demand in the Water Authority's service area was 463,128 acre-feet, of which 92% was for municipal and industrial use and 8% was for agricultural water use. By 2045, the Water Authority's total water demands are projected to reach 630,771 AF. This projection accounts for planned future water conservation savings (Water Authority 2016).

VWD prepared a Sewer and Water Study for the proposed project in January 2023 (Appendix K), which determined adequate utility service, including water and wastewater, is available for the project. The entire project site lies within VWD's 855 Pressure Zone. As described in Appendix K, the proposed project would increase the projected average water demand from the 2018 Master Plan land use (Mixed Use 1 and Light Industrial) by 45,810 gallons per day.

An existing 6-inch water main and existing 14-inch water main are in San Marcos Boulevard along the project frontage. There is also an existing 12-inch water main along the alley way on the north end of the property within the VWD easement, as well as an existing 8-inch water main in the alley way that connects to Via Vera Cruz. Both the 14-inch and 12-inch water mains are in the 920-pressure zone and are not available for new service connections. Appendix K found that the project did not create any distribution system deficiencies under average day demand but did under maximum day plus fire flow demand conditions. This would require that all water services to the site be connected to a new 10-inch water main installed north of the project site in Alley Way and that existing facilities be upsized to 10 inches. Additionally, the analysis found that water storage capacity is currently available to serve the project's increased storage requirements. Master Plan projects address and accommodate the ultimate buildout storage deficiency, and Water Capital Facility Fees paid by the project would be used for the increase in storage necessitated by the project's demand.

The proposed project site lies completely within VWD sewer shed 30C. Similar to water demand, the proposed project would increase the projected average wastewater generation from the 2018 Master Plan land use by 33,594 gallons per day. However, as shown in Appendix K, the modeling results showed that no deficiencies were identified under the currently approved density under peak wet weather flows during ultimate buildout conditions. Similar to water, the project would extend future sewer facilities on the north end of the project property in the Alley Way within the VWD easement, including construction of approximately 1,541 feet of 8-inch PVC sewer main into the project site.

As described in Appendix K, VWD currently has water and sewer capacity available to serve the project as proposed with project implementation of the conditions outlined in Appendix K. The project would comply with the recommendations and conditions outlined in the VWD Water and Sewer Study (Appendix K).

The project site lies within an existing 100-year floodway and floodplain, just downstream of the San Marcos Creek highway 78 Splitflow. Under existing condition, the project area consists of commercial development with a large parking lot area and a number of restaurants. The project site generally drains towards the center, towards the middle of the large parking lot. Surface drains along the project site collect site runoff and convey the runoff in an existing 30-inch pipe that runs west through the project site. This 30-inch pipe connects a 36-inch x 60-inch elliptical pipe in Via Vera Cruz upstream and an existing concrete channel west of the site downstream. San Marcos Creek is located approximately 1,000 feet southwest of the project site, downstream of the project outfall point.

In proposed conditions, a public park would be implemented in the existing floodway with a variety of amenities tolerant of inundation. The proposed site would allow for opportunity to program special events for the community. In addition, a smaller residential park is proposed just south and out of the floodway, in order to provide playground structures for children of different age groups. The site design is intended to minimize floodway encroachments and results in minor changes to the existing condition 100-year water surface elevations. The on-site drainage improvements in proposed conditions would consist of private streets, gutters, and curb inlets that tie into underground storm drain systems. The project would upsize

the existing 30-inch public storm drainpipe that conveys the majority of the site to a double 36-inch storm drain pipe with a new alignment, that would ultimately transition to a dual RCB before it discharges to the existing concrete channel. In addition, the project would construct some public improvements and street widening along the project frontage. These public improvements include center median improvements, and a new frontage road median for the multi-way frontage road in West San Marcos Boulevard. The proposed drainage patterns would be relatively the same as in existing conditions, and the site would generally drain towards the existing 100-year floodway and drain to the west towards the existing concrete channel. The project would implement all BMPs outlined in the project's SWQMP.

SDG&E would provide electric power service to the project. Any proposed aboveground transformers and electrical facilities that solely service the project site would be placed on site and not within the City's right-of-way. At full buildout, the project's operational phase would require electricity for building operations (appliances, lighting, etc.). In addition, the project would be required to comply with the 2022 Title 24 standards or the most recent standards at the time of building permit issuance. The energy-using fixtures within the project would likely be newer technologies, using less electrical power. Therefore, impacts associated with electrical power facilities would be less than significant.

SDG&E would provide natural gas. The project would comply with 2022 Title 24 building energy efficiency standards, reducing energy used in the state. Based on compliance with Title 24, the project would generate a need for natural gas that is consistent with multifamily homes, commercial and office uses. Therefore, impacts associated with natural gas facilities would be less than significant.

The City is served by multiple telephone service providers. Since the project site is in an urbanized area and is nearby other residential uses, there are existing telecommunication facilities that would be able to serve the project site, including Cox Communications and AT&T. Once the project is completed, the residents of the project would be able to connect to existing telecommunication services without the need for expansion or construction of new facilities.

In summary, development of the project would not require relocation or any new substantial construction of utility facilities, and impacts would be less than significant.

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. As described above, the entire project site lies within VWD's 855 Pressure Zone. As described in Appendix K, the proposed project would increase the projected average water demand from the 2018 Master Plan land use (Mixed Use 1 and Light Industrial) by 45,810 gallons per day.

According to the City's General Plan, the VWD receives its water from MWD, which imports water from the Colorado River and Northern California (City of San Marcos 2012b). MWD obtains water from local sources as well as the Colorado River, via the Colorado River Aqueduct, and the Sacramento-San Joaquin Delta, via the State Water Project. MWD's Urban Water Management Plan (UWMP) documents the availability of these supplies to meet future demands. With a projected annual water demand of 4,925,000 acre-feet per year for 2025, the MWD UWMP concludes that, with implementation of required conservation measures, MWD has supply capabilities sufficient to meet expected demands through 2045 under normal, single dry, and multiple dry water years (MWD 2021). The Water Authority is the largest member agency of MWD. The Water Authority's 2020 UWMP was approved on May 27, 2021. The Water Authority's mission is to provide

a safe and reliable supply of water to its 24 member agencies serving the San Diego region, which includes VWD, and is San Diego County's predominant source of water, supplying from 75% to 95% of the region's water needs (Water Authority 2021).

Additionally, the analysis in Appendix K found that water storage capacity is currently available to serve the project's increased storage requirements. Master Plan projects address and accommodate the ultimate buildout storage deficiency, and Water Capital Facility Fees paid by the project would be used for the increase in storage necessitated by the project's demand. Further, the project site would be developed in compliance with the California Green Building Code (CALGreen), which implements water efficiency standards for appliances and fixtures. Compliance with CALGreen would further reduce project water usage in combination with VWD and MWD's ongoing water conservation practices.

As concluded in Appendix K, VWD currently has water capacity available to serve the project as proposed, so long as the project implements the required conditions outlined in Appendix K, including construction of approximately 1,188 feet of new 10-inch PVC water main into the project site and replacement of approximately 714 feet of existing 8-inch ACP water main with new 10-inch PVC water main in the Alley Way. Additionally, the project would be required to pay all applicable Water Capital Facility Fees in affect at the time service is committed in accordance with VWD rules and regulations. Furthermore, VWD Construction and Board acceptance of all on-site and off-site water facilities would be required prior to service. Project compliance with all VWD requirements would ensure sufficient water supplies would be available to serve the project as proposed, and impacts would be less than significant.

c) Would the project result in a determination by the wastewater treatment provider, which 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. Wastewater generated by the proposed project would be treated by the Meadowlark Water Reclamation Facility, which has a capacity of 5 million gallons per day, with a wet weather treatment capacity of 8 million gallons per day, and treats wastewater at 0.25 million gallons per day. Sewer facilities to serve the project would require the construction of private on-site sewer lines connecting to the public system at one or more locations. The applicant of the project would be required to pay all applicable Wastewater Capital Facility Fees in effect at the time service is committed in accordance with VWD rules and regulations. Acceptance by VWD of all wastewater facilities required to be constructed to service the project would also be required. With implementation of City and VWD requirements for sewer service, and considering the scope of existing and proposed infrastructure, the proposed project is not anticipated to exceed current capacities or significantly impact existing wastewater treatment systems.

As described above, the proposed project would increase the projected average wastewater generation from the 2018 Master Plan land use by 33,594 gallons per day. However, as shown in Appendix K, the modeling results showed that no deficiencies were identified under the currently approved density under peak wet weather flows during ultimate buildout conditions. Due to the extensive upgrades required to provide service to the project from facilities located in West San Marcos Boulevard and VWD's desire to remove flows from the already burdened sewer facilities, the District's preference is to extend future sewer facilities on the north end of the project property in the Alley Way within the VWD easement.

As outlined in Appendix K, VWD currently has sewer capacity available to serve the project as proposed, so long as the project implements the required conditions outlined in Appendix K, including construction of

approximately 1,541 feet of 8-inch PVC sewer main into the project site in the Alley Way. Additionally, the project would be required to pay all applicable Water Capital Facility Fees in affect at the time service is committed in accordance with VWD rules and regulations. Furthermore, VWD Construction and Board acceptance of all on-site and off-site sewer facilities would be required prior to service. Project compliance with all VWD requirements would ensure sufficient sewer service would be available to serve the project as proposed, and impacts would be less than significant.

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. Demolition of the existing site and construction of the proposed project would result in the generation of solid waste such as scrap lumber, concrete, residual wastes, packing materials, and plastics. Operation of the proposed project would represent an increase in intensity of uses and generation of solid waste on the project site compared to existing conditions. Solid waste generated by the project would be serviced by EDCO, and solid waste would then be transferred to Sycamore Landfill. According to the California Department of Resources Recycling and Recovery (CalRecycle), the facility has a daily permitted capacity of 5,000 tons per day for solid waste. As of December 2016, the remaining capacity of Sycamore Sanitary Landfill is 147,908,000 cubic yards, or approximately 40 million tons, with an anticipated closure date of 2042. Further, four other landfills in the County accept municipal solid waste, including Borrego Landfill, Miramar Landfill, Otay Landfill, and Ramona Landfill (CalRecycle 2022).

The anticipated operational solid waste generation from the proposed project was estimated using CalRecycle's Estimated Solid Waste Generation Rates (CalRecycle 2019). It is estimated that the project (202 units) would generate approximately 2,470.46 pounds of solid waste per day (12.23 pounds per household). This does not consider any waste diversion through recycling. According to CalRecycle, the City of San Marcos has a disposal rate target of 8.9 pounds per person per day. If the City meets this target, the City is considered in compliance with the 50% diversion requirement of AB 939. The most recent data from CalRecycle identifies the annual per-capital disposal rate is 5.4 pounds per person per day (CalRecycle 2019). Thus, the City is exceeding their targets for diversion.

The project would be required to comply with applicable state and local regulations related to solid waste, waste diversion, and recycling at the time of development. Implementation of the proposed project is not expected to 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, and impacts related to solid waste are determined to be less than significant.

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

Less-than-Significant Impact. The proposed project would be required to comply with all federal, state, and local statutes and regulations related to solid waste, diversion of waste, and recycling. All solid waste facilities, including landfills, require solid waste facility permits to operate. In San Diego County, Public Resources Code Sections 44001–44018 and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440 et seq.) authorize the County Department of Environmental Health and Quality, Local Enforcement Agency to issue solid waste facility permits. Sycamore Sanitary Landfill is a permitted facility and EDCO is a licensed hauler. Lastly, beginning in 2022, SB 1383 requires every jurisdiction to provide organic waste collection services to all residents and businesses. Organic waste includes food, green material,

landscape and pruning waste, organic textiles and carpets, lumber, wood, paper products, and printing and writing paper. The project would provide trash, recycle, and organic waste bins throughout the project site for both residential and public use. For these reasons, and the reasons stated above, impacts related to solid waste as a result of project implementation would be less than significant.

2.20 Wildfire

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XX. WILDFIRE – Would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☒	☐
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?	☐	☐	☒	☐
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?	☐	☐	☒	☐
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?	☐	☐	☒	☐

Dudek prepared a Fire Response Technical Memorandum for the project which is included as Appendix L to this IS/MND. The analysis herein is based on findings of Appendix L. Full details regarding wildfire as it relates to the project can be found in Appendix L.

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

Less-than-Significant Impact. According to the General Plan Safety Element, the San Marcos EOP governs the operations of the City during a disaster. This plan addresses response to moderate evacuation scenarios, including the identification of evacuation points and general routes (City of San Marcos 2012a). The proposed project would be required to abide by the standards set forth in the San Marcos EOP. Implementation of the proposed project is not expected to impact any roadway or staging areas that are identified in any emergency planning documents and would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. As required under the California Fire Code, the proposed project would be required to present development plans which afford

fire and emergency responders suitable fire access roads dimensions and surfaces (California Fire Code Chapter 5, Sections 503.1 through 503.4), an adequate number of emergency rated entrances to the community (Appendix D; California Fire Code Section D106), and entryway gate access for first responders (California Fire Code, Chapter 5, Section 503.6). SMFD would review the proposed points of entry and private driveways, which would be required to meet the qualifications for emergency access to and from the project site. Furthermore, a Fire Response Technical Memorandum has been prepared for the proposed project (Appendix L) that outlines fire protection services and emergency response as it relates to development of the project. As outlined in Appendix L, both SMFD Stations 1 and 2 are well within the City's time response goal for first-in fire engine and medic ambulance to the entire project site. For these reasons, impacts are determined to be less than significant.

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

Less-than-Significant Impact. The proposed project site is located in a developed area of the City and is not located within or adjacent to a fire hazard severity zone. The redevelopment of the existing project site with proposed land uses would not exacerbate fire risk. The preliminary site plans and emergency access for the proposed project would be reviewed and approved by SMFD prior to development, and all project plans would be required to comply with the California Fire Code. It has been determined that the proposed project would not exacerbate wildfire risks, exposing occupants to pollutants; therefore, impacts would be less than significant.

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**.** While the proposed project would require the installation of water sources and other underground utilities to connect to the City's existing infrastructure (refer to Section 2.19, Utilities and Service Systems), these would not exacerbate fire risks, as the proposed project is not located within or adjacent to a fire hazard severity zone, and these improvements would be constructed within an existing right-of-way or within the project site boundary. The project does not include any new overhead utility lines or construction of roads to serve the project site. The proposed project would not require the installation or maintenance of such infrastructure that would exacerbate fire risk, and therefore, impacts are determined to be less than significant.

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?

Less-than-Significant Impact. The project is not located in a fire hazard severity zone, and risk of wildfire is considered low within the project area due to the location within a relatively flat and highly urbanized area of the City. The Geotechnical Evaluation (Appendix E) also does not note any significant landslide risks based on the soil types. The project would not 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. Therefore, impacts are determined to be less than significant.

2.21 Mandatory Findings of Significance

	Potentially Significant Impact	Potentially Significant Unless Mitigated	Less Than Significant Impact	No Impact
XXI. MANDATORY FINDINGS OF SIGNIFICANCE				
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?	☐	☒	☐	☐
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)?	☐	☒	☐	☐
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	☐	☒	☐	☐

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?***

Potentially Significant Unless Mitigated. As outlined in the Biological Resources Letter Report prepared for the proposed project (Appendix B), the project site consists entirely of Urban/Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures. Urban/Developed refers to areas that have been constructed on or disturbed so severely that native vegetation is no longer supported. Urban development is present to the north, south, east, and west of the site. No natural land covers or potential habitat is located on or adjacent to the site, and the site does not contain any natural vegetation communities or land cover types that are known to provide habitat to any special-status wildlife species. Similarly, the site does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special-status plant species. However, mitigation measure MM-BIO-1 is proposed in order to comply with the MBTA, and pre-construction

nesting bird survey(s) will be conducted if demolition or construction occurs within the nesting season (January 15 to August 31).

As described throughout this IS/MND, the project would not degrade the quality of the environment; would not substantially reduce the habitats of fish or wildlife species, would not cause a fish or wildlife population to drop below self-sustaining levels, would not threaten to eliminate a plant or animal, and would not eliminate important examples of major periods of California history or prehistory. The project includes implementation of MM-CUL-1 through MM-CUL-4 to address potential impacts related to discovery of archaeological resources.

The project would require the demolition of 63,484 square feet of existing (primarily vacant) restaurant uses on site. However, elements from the Old California Restaurant Row would be preserved and incorporated into the project design to create an old meets new aesthetic that celebrates the history of the site. The project is not anticipated to eliminate important examples of the major periods of California history or prehistory, and therefore, impacts are determined to be less than significant.

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)?

Potentially Significant Unless Mitigated. Implementation of the proposed project, when combined with other approved and proposed projects in the City and outlying areas, could potentially contribute to cumulative degradation of the environment as a result of potential impacts related to air quality, cultural resources, greenhouse gas emissions, hydrology and water quality, noise, public services, transportation, tribal cultural resources, and utilities and services systems. As analyzed throughout Section 2 of this MND, all potential impacts are determined to be less than significant, with the exception of impacts related to Biological Resources, Cultural Resources, Public Services, Transportation and Tribal Cultural Resources, which are determined to be less than significant with mitigation incorporated (MM-BIO-1; MM-CUL-1 through MM-CUL-4; MM-PS-1 – MM-PS-2; and MM-TR-1). All cumulative projects would be required to complete a similar environmental analysis and incorporate mitigation as necessary to reduce the potential for cumulative impacts.

Although cumulative impacts are always possible, the proposed project, by incorporating all mitigation measures outlined herein, would reduce its contribution to any such cumulative impacts to less than cumulatively considerable; therefore, the project would result in individually limited, but not cumulatively considerable, less-than-significant impacts with mitigation incorporated.

c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Potentially Significant Unless Mitigated. As evaluated throughout this IS/MND, with incorporation of mitigation identified herein, all environmental impacts associated with the project would be reduced to less-than-significant levels. Thus, the project would not directly or indirectly cause substantial adverse effects on human beings. Impacts would be less than significant with mitigation incorporated.

3 References and Preparers

3.1 References Cited

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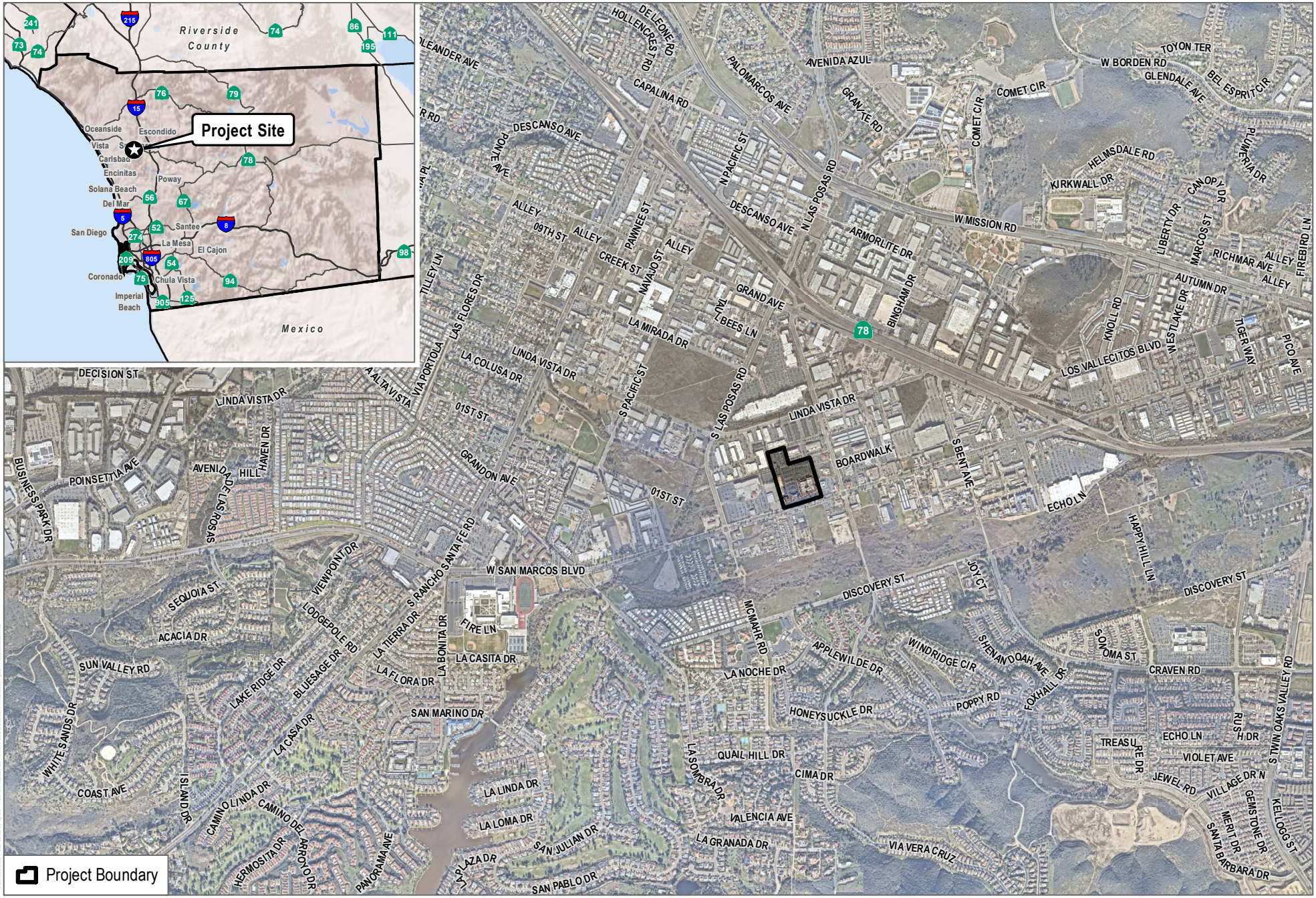

SOURCE: SANGIS 2020, 2022

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

San Marcos Restaurant Row

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SOURCE: SANGIS 2020, 2022

DUDEK

0 100 200 Feet

FIGURE 2

Project Site

San Marcos Restaurant Row

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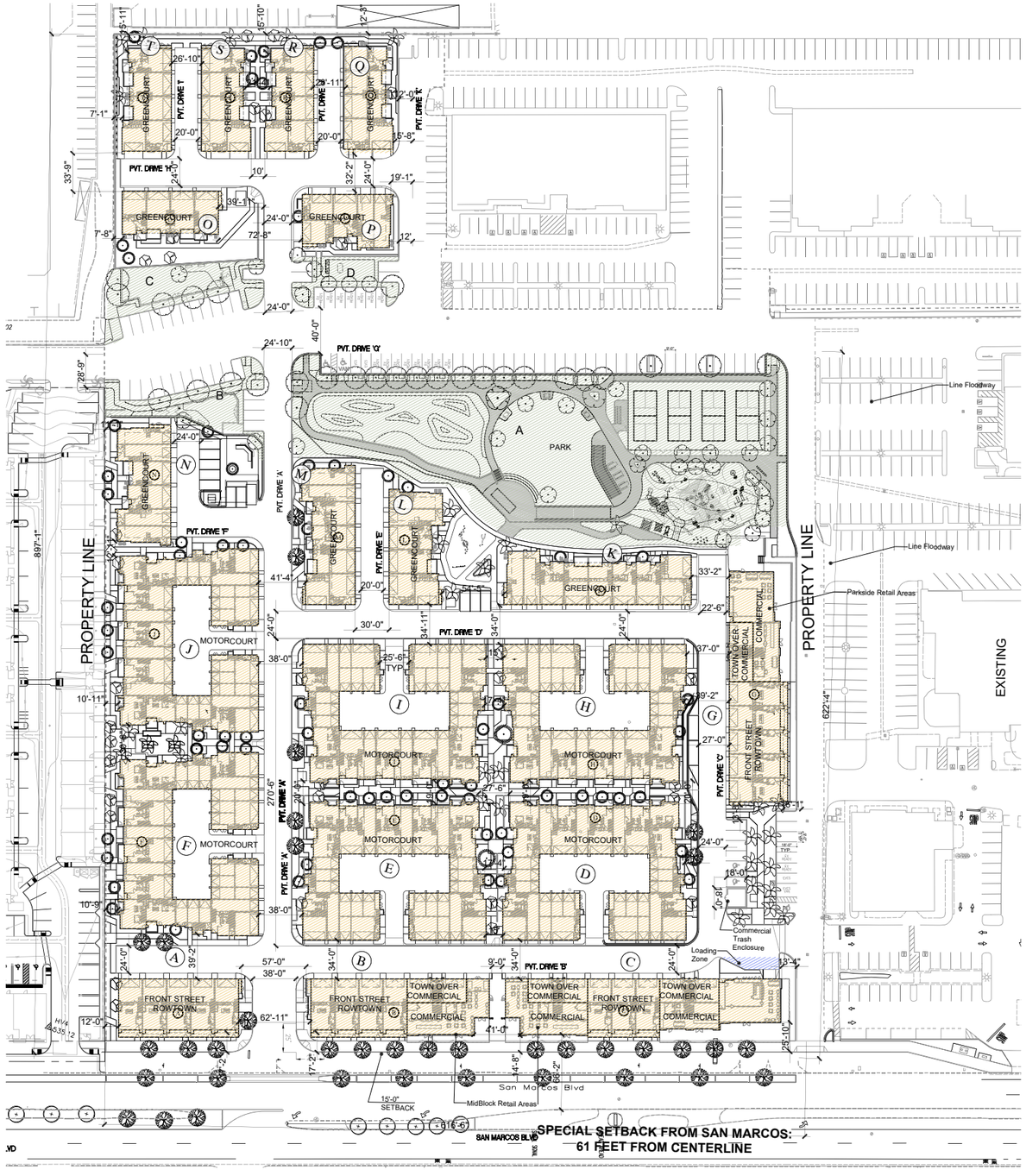

PRODUCT TYPE INFO

TOWN OVER COMMERCIAL

3 Bedroom	8 du
Sub-Total	8 du

FRONT STREET ROWTOWNS

3 Bedroom	17 du
Sub-Total	17 du

GREENCOURT TOWNHOMES

2 Bedroom	22du
3 Bedroom	21 du
4 Bedroom	14 du
Sub-Total	57 du

MOTORCOURT TOWNHOMES (120du/3.9ac = 30.8 du/ac)

2 Bedroom	78 du
3 Bedroom	42 du
Sub-Total	120 du

Grand Total: 202 units
Total Commercial: 10,400 sf

PARKING

Parking Required

2 Bedrooms: 107x1.75	188 spaces
3+ Bedrooms: 95x2	190 spaces
Guest: 202/3	68 spaces
Total	446 spaces

Parking Provided

Front Street Towns	34 spaces
Towns over Commercial	16 spaces
Court Towns	114 spaces
Garage Motocourt	228 spaces
Open Parking:	
Standard	64 spaces
Standard Park	10 spaces
Assigned Residential	9 spaces
EVCS	3 spaces
EVCS Van	1 space
EV Ready	17 spaces
Accessible	4 spaces
Accessible Van	1 space
Open Parking Total	(109 spaces)
Total	501 spaces

PRIVATE OPEN SPACE

Greencourts	4,460 sf
Motorcourts	9,876 sf
Town over Commercial	10,032 sf
Total	24,368 sf (.56 acres)

CONDOMINIUMS (R-2/U)

OCCUPANCY GROUP: (CBC SECTION 310)	MIXED USE 1 ZONE: MU-1 R-2/U (PRIVATE GARAGES) - SEPARATED OCCUPANCIES
SEPARATIONS: (CBC SECTION 420.2)	WALLS SEPARATING DWELLING UNITS - 1/2 HOUR FIRE PARTITION PER CBC SECTION 708.3, EXCEPTION #2
TYPE OF CONSTRUCTION	TYPE VB
FIRE RESISTIVE RATING REQUIREMENTS FOR BUILDNG ELEMENTS.	REFER TO TABLE 601 (NO RATING IS REQUIRED PER TABLE 601)
FIRE RESISTIVE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: (TABLE 602)	FIRE SEPARATION DISTANCE > 10' FOR TYPE VB CONSTRUCTION AND R-2 OCCUPANCY SHALL BE ZERO (0) (NON-RATED) FIRE SEPARATION DISTANCE < 10' FOR TYPE VB CONSTRUCTION AND R-2 OCCUPANCY SHALL BE ONE (1) - (1 HOUR) REFER TO SITE PLAN, FOR ACTUAL DIMENSIONS BETWEEN BUILDINGS
ALLOWABLE HEIGHT: (CBC TABLE 504.3)	60 FEET (HEIGHT INCREASE USED)
ACTUAL HEIGHT:	±40'-0"
ALLOWABLE STORIES: (CBC TABLE 504.4)	3 STORIES
FIRE SPRINKLERS:	NFPA 13 PER CBC SECTION 903.3.1.1
MAXIMUM AREA OF EXTERIOR WALL OPENINGS:	UNPROTECTED, SPRINKLERED - PER C.B.C. TABLE 705.8, SEE SITE PLAN FOR FIRE SEPARATION DISTANCE
ALLOWABLE FLOOR AREA:	SEE TABLE
ACCESSIBILITY:	SHALL COMPLY WITH CBC CHAPTER 1102A.3 MULTI-STORY DWELLINGS REFER TO SITE PLAN FOR MORE INFORMATION

DEVELOPMENT NOTES

- SECTION 20.225.040 - MIXED USE 1 ZONE: THE MU-1 ZONE SHOULD INCORPORATE RETAIL STOREFRONTS, URBAN LIVING, AND COMMUNITY DESTINATIONS IN A VERTICAL PEDESTRIAN-ORIENTED SETTING. THESE USES MAY BE MIXED VERTICALLY ON SEPARATE FLOORS OF A BUILDING, OR HORIZONTALLY IN SEPARATE BUILDINGS ON A SINGLE SITE OR ADJACENT PARCELS. TO MAINTAIN A PEDESTRIAN SCALE AND ORIENTATION, PERMITTED USES ON THE GROUND FLOOR ARE LIMITED TO RETAIL AND OTHER ACTIVE USES. THE MU-1 ZONE IS INTENDED TO IMPLEMENT AND IS CONSISTENT WITH THE MIXED USE 1 (MU1) LAND USE DESIGNATION OF THE GENERAL PLAN.
- TABLE 20.225-1 - C BUILDING FRONTAGE AND ACTIVE USE REQUIREMENTS: PEDESTRIAN-ORIENTED GROUND FLOOR USES ARE REQUIRED FOR EIGHTY PERCENT (80%) OF THE BUILDING FRONTAGE ALONG PRIMARY STREET FRONTAGE, AND FACING PUBLIC OPEN SPACES OR PLAZAS.
- FORM-BASED REGULATION FIGURE 20.225-1: FIGURE 20.225-1 IS THE REGULATING PLAN FOR THE MIXED USE ZONES. THE REGULATING PLAN FURTHER MODIFIES THE ZONING DESIGNATIONS OF THE ZONING MAP BY ADDING FORM-BASE STANDARDS SUCH AS SETBACK TYPES, AND PLACE-ORIENTED REGULATIONS TO EACH ZONE. THE DEVELOPMENT STANDARD TABLES OF EACH MIXED USE ZONE (TABLES 20.225-1, 20.225-2, 20.225-3, AND 20.225-4) REFERENCE FEATURES AND LOCATIONS REPRESENTED ON THE REGULATING PLAN.

Scale: 1" = 50'-0"
0 25 50 100

SOURCE: KYGY Architecture + Planning, 2002; Lennar 2023

FIGURE 3
Conceptual Site Plan
San Marcos Restaurant Row

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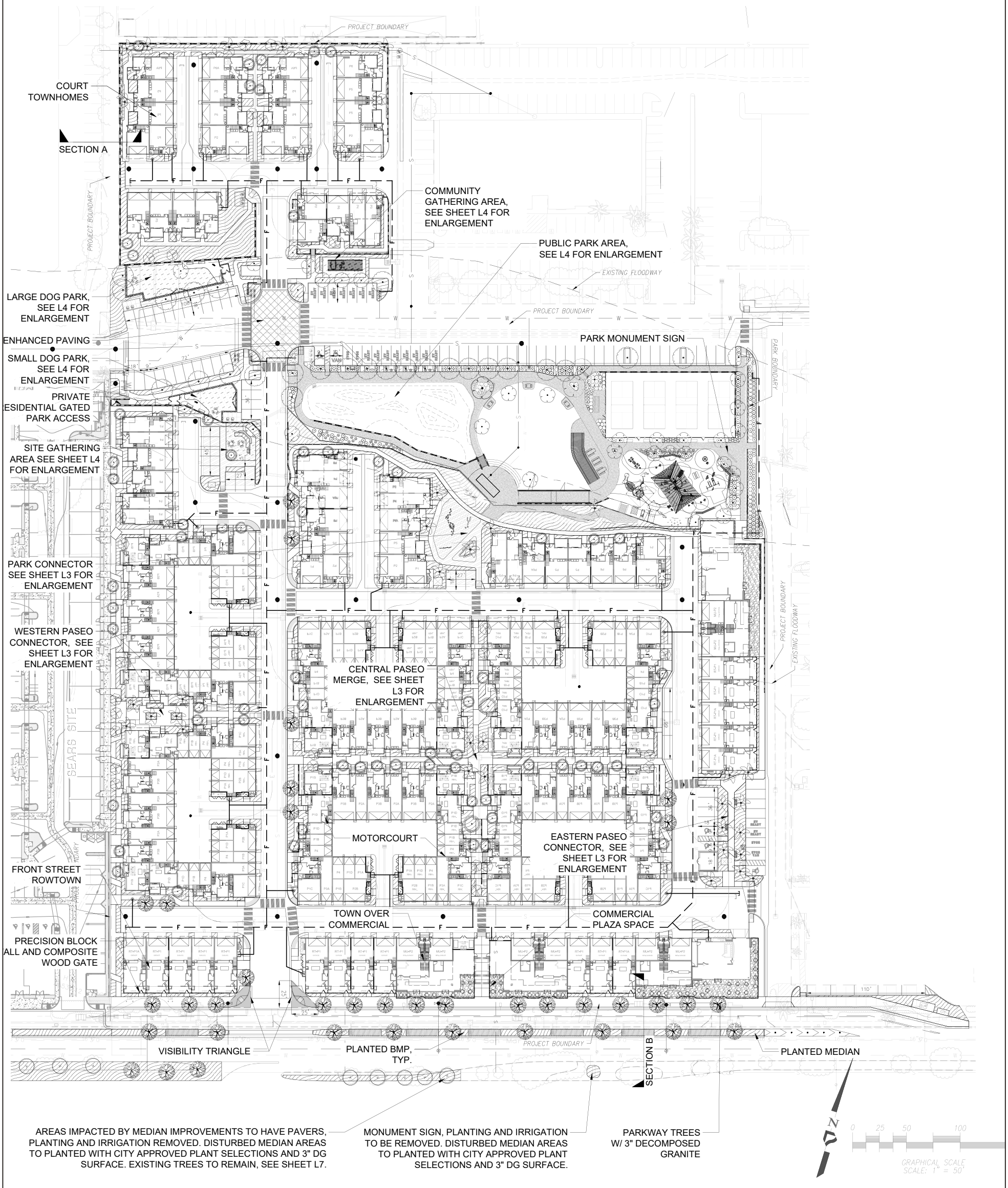

SOURCE: Project Design Consultants, 2023

FIGURE 4

Conceptual Landscape Plan

San Marcos Restaurant Row

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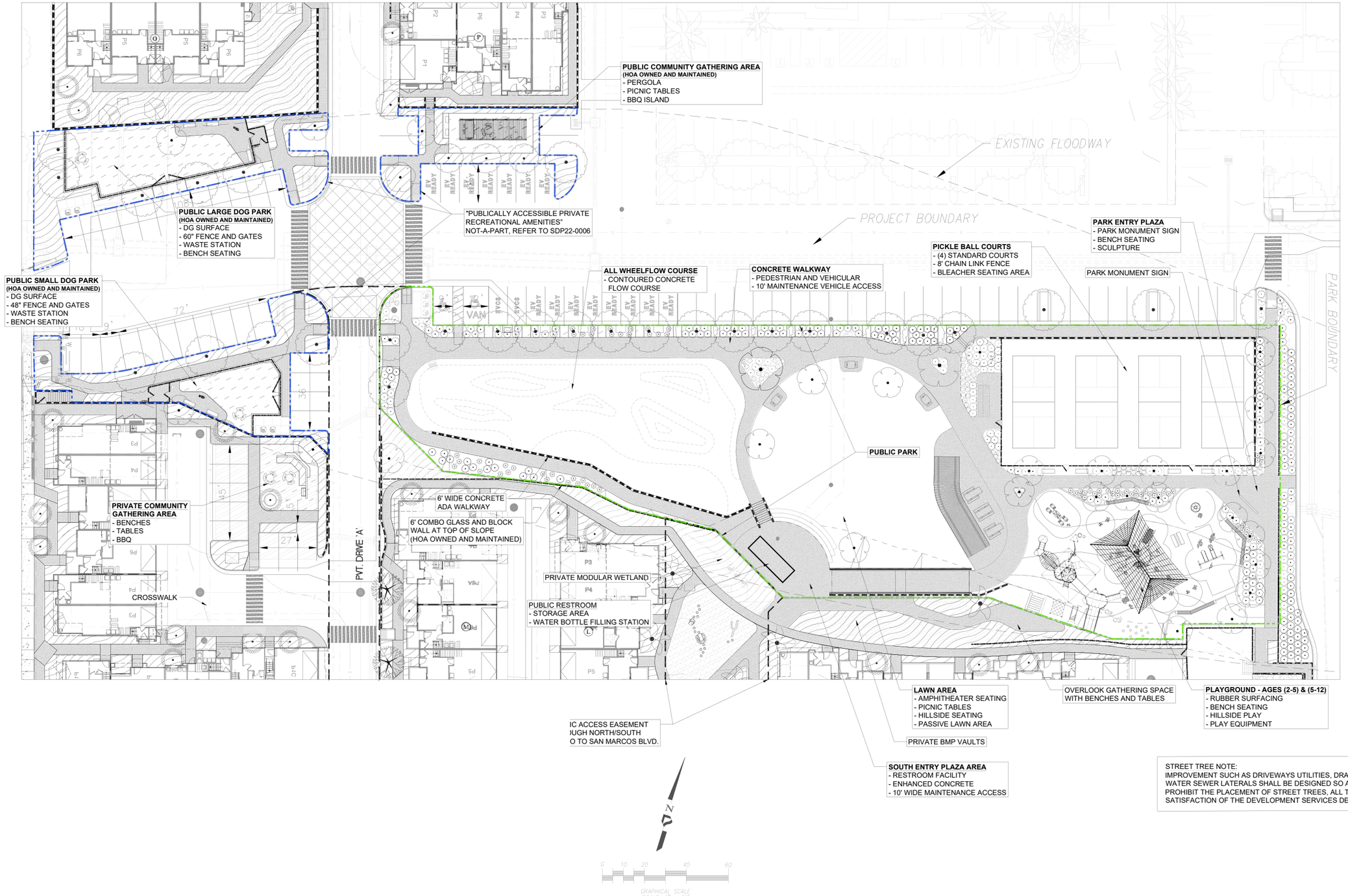

SOURCE: Project Design Consultants, 2023

FIGURE 5

Conceptual Public and Private Park Plan

San Marcos Restaurant Row

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Appendix A

Air Quality and Greenhouse Gas Analysis Technical Report

Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the San Marcos Restaurant Row Project City of San Marcos, California

Prepared for:

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JULY 2023

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
µg/m^3	micrograms per cubic meter
AB	Assembly Bill
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California's Green Building Standards
CalRecycle	California Department of Resources Recycling and Recovery
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CFCs	chlorofluorocarbons
CH_4	methane
City	City of San Marcos
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EIR	environmental impact report
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EV	electric vehicle
GHG	greenhouse gas
gpm	gallons per minute
GWP	global warming potential
H_2S	hydrogen sulfide
HAP	hazardous air pollutant
HCFCs	hydrochlorofluorocarbons
HFC	hydrofluorocarbon
HVAC	heating, ventilation, and air conditioning
IPCC	Intergovernmental Panel on Climate Change
kW	kilowatt
LCFS	Low Carbon Fuel Standard
LOS	level of service
MMT	million metric ton
MPO	metropolitan planning organization
MT CO_2e	metric tons of CO_2 equivalent
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide

Acronym/Abbreviation	Definition
NO_x	oxides of nitrogen
O_3	ozone
PFC	perfluorocarbon
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppb	parts per billion
ppm	parts per million
PV	photovoltaic
RAQS	Regional Air Quality Strategy
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SAFE	Safer Affordable Fuel-Efficient
SANDAG	San Diego Association of Governments
SB	Senate Bill
SCS	Sustainable Communities Strategy
SDAB	San Diego Air Basin
SDAPCD	San Diego Air Pollution Control District
SF_6	sulfur hexafluoride
SIP	State Implementation Plan
SLCP	short-lived climate pollutant
SO_2	sulfur dioxide
SO_4	sulfates
SO_x	sulfur oxides
SWRCB	State Water Resources Control Board
TAC	toxic air contaminants
VOC	volatile organic compound
ZEV	zero emission vehicle

Executive Summary

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Restaurant Row Project (Project). This assessment utilizes the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.).

Project Overview

The Project site is located at 1020 West San Marcos Boulevard on the northeast corner of West San Marcos Boulevard and Via Vera Cruz (APNs 219-200-30, 31, and 45). The proposed Restaurant Row Project (project) consists of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. Residential units would consist of eight (8) three-bedroom townhomes over commercial (town over commercial); 17 front street townhomes ranging in size from three- to four-bedrooms; 57 court townhomes ranging in size from two- to four-bedrooms; and 120 motor court units ranging in size from two- to three-bedrooms. The project would also incorporate a 1.1-acre neighborhood public park including dedicated dog areas, four tot lots, a rolling plaza (for roller skates/roller blades), skaters bowl, open lawn area and 4 pickleball courts. The park would not include an amphitheater or event space, and no outdoor amplified sound system is proposed. From the perspective of potential noise generation for the neighborhood park component, the pickleball courts represent the only potential noise source of concern.

The project includes a request for a Specific Plan, General Plan Amendment, Rezone, Site Development Plan for the private development, and Vesting Tentative Subdivision Map for a mixed-use residential development project on a 10.5-acre site in the City of San Marcos. Additionally, the project requests a separate Site Development Plan for the development of a proposed 1.1-acre neighborhood public park. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to Specific Plan Area (SPA). The Specific Plan has been prepared with the intent to provide a comprehensive plan to ensure the efficient development of a new mixed-use residential community. The Specific Plan serves as both a policy document and a regulatory document for the systematic implementation of the policies and goals of the General Plan. The Site Development Plan would configure the site for multi-family dwelling units, ground floor commercial mixed-use space, recreational open space, and private open space. The Tentative Subdivision Map presents specific infrastructure, and lot and street configurations for the site.

Air Quality

The air quality impact analysis evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the Project. Impacts were evaluated for their significance based on the County of San Diego's mass daily criteria air pollutant thresholds of significance (County of San Diego 2007), which is based on SDAPCD Rules 20.2 and 20.3 (SDAPCD 1998 and 2018). Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants that are evaluated include volatile organic compounds (VOCs), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

Regarding consistency with local air quality plans, the Project would not result in a more intensive land use than currently allowed under the City's General Plan (City of San Marcos 2012), which SDAPCD's Regional Air Quality Strategy (RAQS) emissions forecast is based on. The northern portion of the Project site includes 1.63 acres of existing vacant light industrial zoned land, while the remaining portion of the total 10.5-acre project area is zoned Mixed-Use 1 (MU-1) and built with an existing 63,484 SF of restaurant uses. Therefore, the Project requires a General Plan Amendment and Rezone to change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to Specific Plan Area (SPA).. However, the proposed Project development of the Project would result in a reduction of ozone precursors, VOC and NOx, of 11.35 tons per year (TPY) and 0.21 TPY, respectively, compared to the buildout of the existing site as currently zoned. Therefore, the proposed Project would not conflict with the SIP and RAQS and would result in a less than significant impact on air quality. As such, the Project would be consistent with relevant air quality plans, and impacts would be **less than significant**.

Construction Criteria Air Pollutant Emissions

Construction of the Project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Estimated maximum daily construction emissions would not exceed the applied significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction in all construction years (2024–2026). Therefore, Project construction air quality impacts would be **less than significant**.

Operational Criteria Air Pollutant Emissions

Operation of the Project would generate operational criteria air pollutants from mobile sources (i.e., vehicle trips), area sources (i.e., consumer product use, architectural coatings, and landscape maintenance equipment), and energy (i.e., natural gas). Maximum daily operational emissions would not exceed the County of San Diego's operational significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$. Therefore, Project operational air quality impacts would be **less than significant**.

Exposure of Sensitive Receptors

Carbon Monoxide Hotspots

Operation of the Project would generate minimal new daily vehicle trips and would not expose sensitive receptors to localized high concentrations of CO or contribute traffic volumes to intersections that would cause a CO hotspot. In addition, according to the project traffic impact assessment (Intersection Metrics, June 2022), the project would reduce average daily trips coming from the Project site, compared to the existing restaurants. Potential operational CO hotspot impacts would be **less than significant**.

Toxic Air Contaminants

Construction activities would not generate emissions in excess of the applied mass daily thresholds; therefore, Project-generated construction emissions are not anticipated to be substantial. In addition, diesel equipment used during Project construction would be subject to the California Air Resources Board air toxic control measures for in-use off-road diesel fleets, which would minimize diesel particulate matter emissions.

In regards to long-term toxic air contaminant emissions, the Project would result in a minimal increase in daily truck traffic on the roadway network and would not require stationary sources (such as diesel emergency generators). Therefore, the exposure of Project-related TAC emission impacts to proximate sensitive receptors would be **less than significant**.

Other Emissions (Odors)

The analysis of other emissions is focused on the potential for an odor impact to occur. Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the Project site and generally occur at magnitudes that would not affect substantial numbers of people. In addition, the Project would not include land-use types that would generate odors during operation. Therefore, Project construction and operations would result in odor impacts that are **less than significant**.

Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact, but must also be evaluated on a project-level under CEQA. A project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHG emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons of CO_2 equivalent (MT CO_2e), which account for weighted global warming potential factors for CH_4 and N_2O.

The City of San Marcos adopted the Final Climate Action Plan (CAP) on December 8, 2020. The CAP relies on a screening threshold of 500 MT CO_2e per year based on land use size and a CAP Consistency Checklist to determine whether a project's emissions would be consistent with GHG emissions estimated within the City's CAP. The Project would result in annual emissions greater than 500 MT CO_2e and therefore relies of the CAP Checklist for consistency with the City's CAP. As presented in Appendix B, per Step 1 of the Checklist, the project would generate GHG emissions equal to or less than estimated emission generated under the existing designation. Step 2 of the CAP Checklist determines the project's consistency with the applicable strategies and measures of the CAP. As shown in Attachment B, CAP Checklist, the Project has demonstrated consistency with the applicable strategies and measures of the CAP as required by Step 2 of the CAP Checklist. Therefore, the Project is deemed consistent with the City's CAP and would be **less than significant**.

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1 Introduction

1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Restaurant Row Project (Project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.), and is based on the emissions-based significance thresholds recommended by the County of San Diego (County), which is based on the San Diego Air Pollution Control District (SDAPCD) rules, and other applicable thresholds of significance.

This introductory Section provides a description of the Project and the Project location. Chapter 2, Air Quality, describes the air quality–related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Chapter 3, Greenhouse Gas Emissions, follows the same format as Chapter 2 and similarly describes the GHG emissions–related environmental setting, regulatory setting, existing climate changes conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Chapter 4, References Cited, includes a list of the references cited. Chapter 5, List of Preparers, includes a list of those who prepared this technical report.

1.2 Project Description

The Project site is located at 1020 West San Marcos Boulevard on the northeast corner of West San Marcos Boulevard and Via Vera Cruz (APNs 219-200-30, 31, and 45). The proposed Restaurant Row Project (project) consists of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. Residential units would consist of eight (8) three-bedroom townhomes over commercial (town over commercial); 17 front street townhomes ranging in size from three- to four-bedrooms; 57 court townhomes ranging in size from two- to four-bedrooms; and 120 motor court units ranging in size from two- to three-bedrooms. The project would also incorporate a 1.1 acre neighborhood public park including dedicated dog areas, four tot lots, a rolling plaza (for roller skates/roller blades), skaters bowl, open lawn area and 4 pickleball courts. The park would not include an amphitheater or event space, and no outdoor amplified sound system is proposed. From the perspective of potential noise generation for the neighborhood park component, the pickleball courts represent the only potential noise source of concern.

The project includes a request for a Specific Plan, General Plan Amendment, Rezone, Site Development Plan for the private development, and Vesting Tentative Subdivision Map for a mixed-use residential development project on a 10.5-acre site in the City of San Marcos. Additionally, the project requests a separate Site Development Plan for the development of a proposed 1.1-acre neighborhood public park. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to Specific Plan Area (SPA). The Specific Plan has been prepared with the intent to provide a comprehensive plan to ensure the efficient development of a new mixed-use residential community. The Specific Plan serves as both a policy document and a regulatory document for the systematic implementation of the policies and goals of the General Plan. The Site Development Plan would configure the site for multi-family dwelling units, ground floor commercial mixed-use space, recreational open space, and private open space. The Tentative Subdivision Map

presents specific infrastructure, and lot and street configurations for the site. The Project site is located within the San Diego Air Basin and is under the jurisdiction of the San Diego Air Pollution Control District (SDAPCD). The Project location is shown on Figure 1. Figure 2, provides the Project Site Plan.

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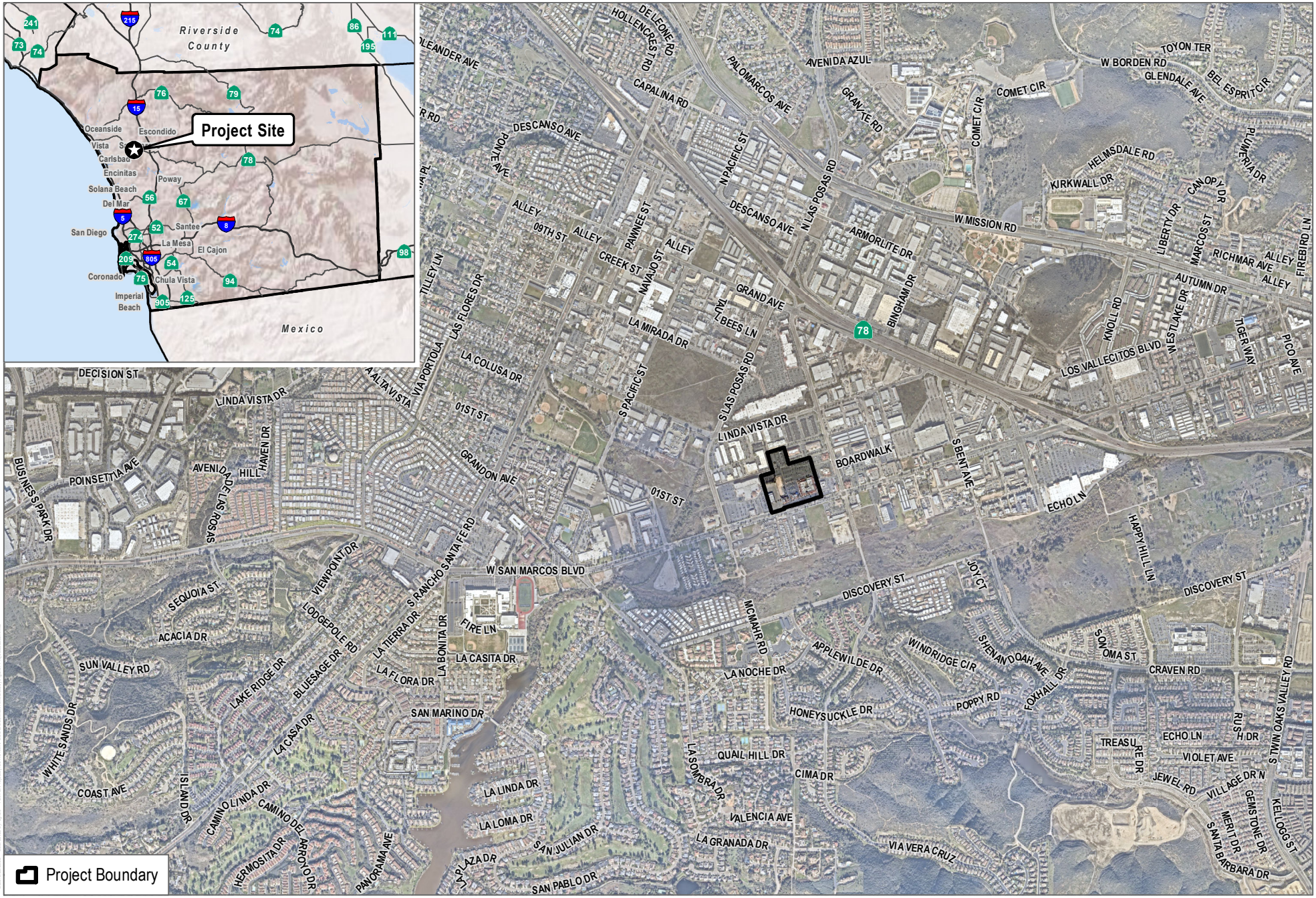

SOURCE: SANGIS 2020, 2022

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

San Marcos Restaurant Row

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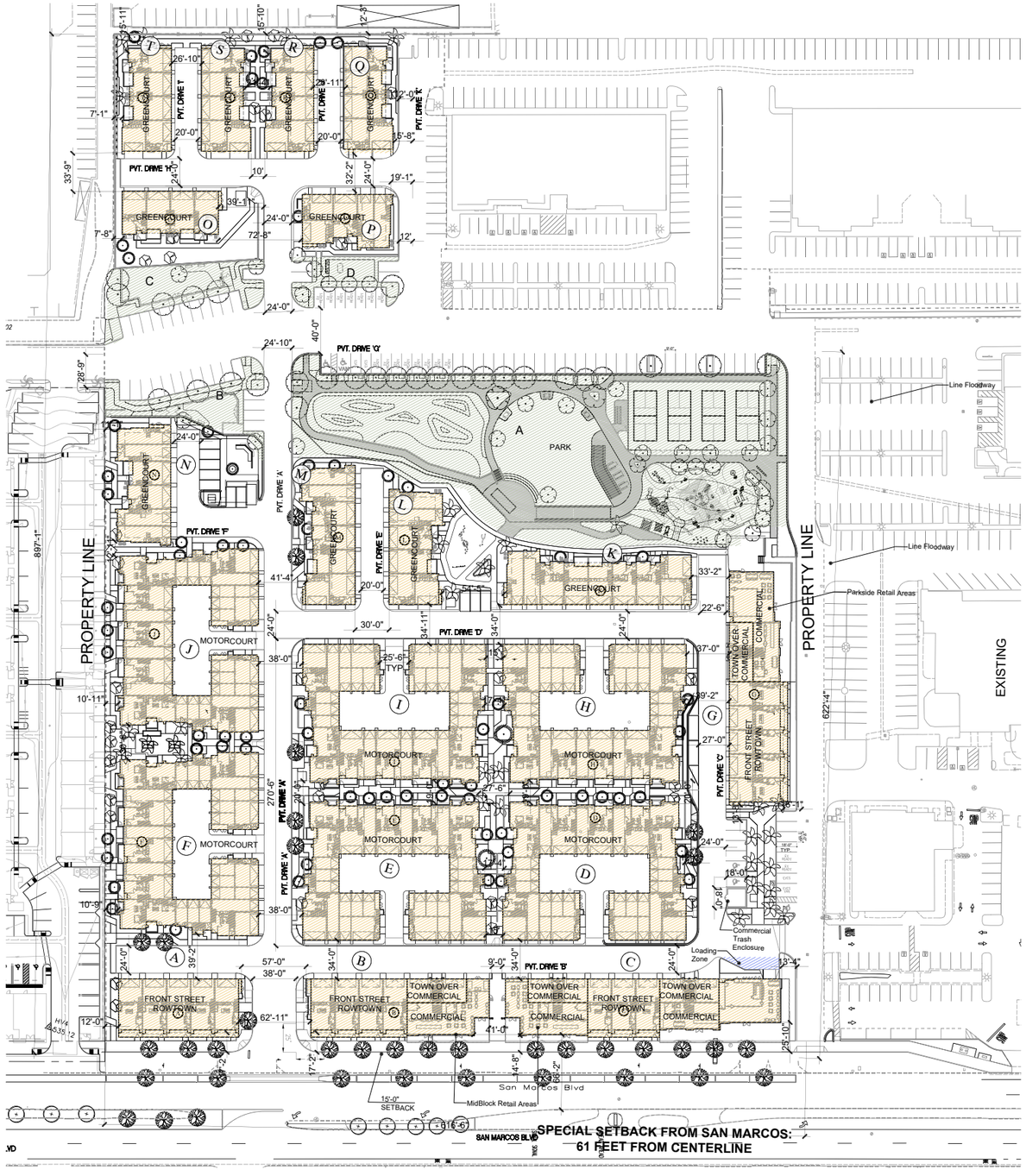

PRODUCT TYPE INFO

TOWN OVER COMMERCIAL

3 Bedroom	8 du
Sub-Total	8 du

FRONT STREET ROWTOWNS

3 Bedroom	17 du
Sub-Total	17 du

GREENCOURT TOWNHOMES

2 Bedroom	22du
3 Bedroom	21 du
4 Bedroom	14 du
Sub-Total	57 du

MOTORCOURT TOWNHOMES (120du/3.9ac = 30.8 du/ac)

2 Bedroom	78 du
3 Bedroom	42 du
Sub-Total	120 du

Grand Total: 202 units
Total Commercial: 10,400 sf

PARKING

Parking Required

2 Bedrooms: 107x1.75	188 spaces
3+ Bedrooms: 95x2	190 spaces
Guest: 202/3	68 spaces
Total	446 spaces

Parking Provided

Front Street Towns	34 spaces
Towns over Commercial	16 spaces
Court Towns	114 spaces
Garage Motocourt	228 spaces
Open Parking:	
Standard	64 spaces
Standard Park	10 spaces
Assigned Residential	9 spaces
EVCS	3 spaces
EVCS Van	1 space
EV Ready	17 spaces
Accessible	4 spaces
Accessible Van	1 space
Open Parking Total	(109 spaces)
Total	501 spaces

PRIVATE OPEN SPACE

Greencourts	4,460 sf
Motorcourts	9,876 sf
Town over Commercial	10,032 sf
Total	24,368 sf (.56 acres)

CONDOMINIUMS (R-2/U)

OCCUPANCY GROUP: (CBC SECTION 310)	MIXED USE 1 ZONE: MU-1 R-2/U (PRIVATE GARAGES) - SEPARATED OCCUPANCIES
SEPARATIONS: (CBC SECTION 420.2)	WALLS SEPARATING DWELLING UNITS - 1/2 HOUR FIRE PARTITION PER CBC SECTION 708.3, EXCEPTION #2
TYPE OF CONSTRUCTION	TYPE VB
FIRE RESISTIVE RATING REQUIREMENTS FOR BUILDNG ELEMENTS.	REFER TO TABLE 601 (NO RATING IS REQUIRED PER TABLE 601)
FIRE RESISTIVE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: (TABLE 602)	FIRE SEPARATION DISTANCE > 10' FOR TYPE VB CONSTRUCTION AND R-2 OCCUPANCY SHALL BE ZERO (0) (NON-RATED) FIRE SEPARATION DISTANCE < 10' FOR TYPE VB CONSTRUCTION AND R-2 OCCUPANCY SHALL BE ONE (1) - (1 HOUR) REFER TO SITE PLAN, FOR ACTUAL DIMENSIONS BETWEEN BUILDINGS
ALLOWABLE HEIGHT: (CBC TABLE 504.3)	60 FEET (HEIGHT INCREASE USED)
ACTUAL HEIGHT:	±40'-0"
ALLOWABLE STORIES: (CBC TABLE 504.4)	3 STORIES
FIRE SPRINKLERS:	NFPA 13 PER CBC SECTION 903.3.1.1
MAXIMUM AREA OF EXTERIOR WALL OPENINGS:	UNPROTECTED, SPRINKLERED - PER C.B.C. TABLE 705.8, SEE SITE PLAN FOR FIRE SEPARATION DISTANCE
ALLOWABLE FLOOR AREA:	SEE TABLE
ACCESSIBILITY:	SHALL COMPLY WITH CBC CHAPTER 1102A.3 MULTI-STORY DWELLINGS REFER TO SITE PLAN FOR MORE INFORMATION

DEVELOPMENT NOTES

- SECTION 20.225.040 - MIXED USE 1 ZONE: THE MU-1 ZONE SHOULD INCORPORATE RETAIL STOREFRONTS, URBAN LIVING, AND COMMUNITY DESTINATIONS IN A VERTICAL PEDESTRIAN-ORIENTED SETTING. THESE USES MAY BE MIXED VERTICALLY ON SEPARATE FLOORS OF A BUILDING, OR HORIZONTALLY IN SEPARATE BUILDINGS ON A SINGLE SITE OR ADJACENT PARCELS. TO MAINTAIN A PEDESTRIAN SCALE AND ORIENTATION, PERMITTED USES ON THE GROUND FLOOR ARE LIMITED TO RETAIL AND OTHER ACTIVE USES. THE MU-1 ZONE IS INTENDED TO IMPLEMENT AND IS CONSISTENT WITH THE MIXED USE 1 (MU1) LAND USE DESIGNATION OF THE GENERAL PLAN.
- TABLE 20.225-1 - C BUILDING FRONTAGE AND ACTIVE USE REQUIREMENTS: PEDESTRIAN-ORIENTED GROUND FLOOR USES ARE REQUIRED FOR EIGHTY PERCENT (80%) OF THE BUILDING FRONTAGE ALONG PRIMARY STREET FRONTAGE, AND FACING PUBLIC OPEN SPACES OR PLAZAS.
- FORM-BASED REGULATION FIGURE 20.225-1: FIGURE 20.225-1 IS THE REGULATING PLAN FOR THE MIXED USE ZONES. THE REGULATING PLAN FURTHER MODIFIES THE ZONING DESIGNATIONS OF THE ZONING MAP BY ADDING FORM-BASE STANDARDS SUCH AS SETBACK TYPES, AND PLACE-ORIENTED REGULATIONS TO EACH ZONE. THE DEVELOPMENT STANDARD TABLES OF EACH MIXED USE ZONE (TABLES 20.225-1, 20.225-2, 20.225-3, AND 20.225-4) REFERENCE FEATURES AND LOCATIONS REPRESENTED ON THE REGULATING PLAN.

Scale: 1" = 50'-0"
0 25 50 100

SOURCE: KYGY Architecture + Planning, 2002; Lennar 2023

FIGURE 2
Conceptual Site Plan
San Marcos Restaurant Row

DUDEK

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2 Air Quality

2.1 Environmental Setting

2.1.1 Meteorological and Topographical Conditions

The Project site is located within the San Diego Air Basin (SDAB) and is subject to the SDAPCD guidelines and regulations. The SDAB is one of 15 air basins that geographically divide the State of California. The primary factors that determine air quality are the locations of air pollutant sources and the amount of pollutants emitted. Meteorological and topographical conditions, however, are also important. Factors such as wind speed and direction, air temperature gradients and sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of air pollutants. Meteorological and topographical factors that affect air quality in the SDAB are described below.[1]

Regional Climate and Meteorological Conditions

The climate of the San Diego region, as in most of Southern California, is influenced by the strength and position of the semi-permanent high-pressure system over the Pacific Ocean, known as the Pacific High. This high-pressure ridge over the west coast often creates a pattern of late-night and early-morning low clouds, hazy afternoon sunshine, daytime onshore breezes, and little temperature variation year-round. The SDAB is characterized as a Mediterranean climate with dry, warm summers and mild, occasionally wet winters. Average temperature ranges (in degrees Fahrenheit (°F)) from the mid-40s to the high 90s, with an average of 201 days warmer than 70°F. The SDAB experiences 9 to 13 inches of rainfall annually, with most of the region's precipitation falling from November through March, with infrequent (approximately 10%) precipitation during the summer. El Niño and La Niña patterns have large effects on the annual rainfall received in San Diego, where San Diego receives less than normal rainfall during La Niña years.

The interaction of ocean, land, and the Pacific High maintains clear skies for much of the year and influences the direction of prevailing winds (westerly to northwesterly). The winds tend to blow onshore in the day and offshore at night. Local terrain is often the dominant factor inland, and winds in inland mountainous areas tend to blow through the valleys during the day and down the hills and valleys at night.

The favorable climate of San Diego also works to create air pollution problems. Sinking, or subsiding air from the Pacific High, creates a temperature inversion known as a subsidence inversion, which acts as a "lid" to vertical dispersion of pollutants. Weak summertime pressure gradients further limit horizontal dispersion of pollutants in the mixed layer below the subsidence inversion. Poorly dispersed anthropogenic emissions combined with strong sunshine leads to photochemical reactions that result in the creation of ozone (O_3) at this surface layer. In addition, light winds during the summer further limit ventilation.

In the fall months, the SDAB is often impacted by Santa Ana winds, which are the result of a high-pressure system over the Nevada and Utah regions that overcomes the westerly wind pattern and forces hot, dry winds from the east

[1] The discussion of meteorological and topographical conditions of the SDAB is based on information provided in the SDAPCD *2016 Monitoring Plan* (SDAPCD 2017), the County of San Diego *Guidelines for Determining Significance – Air Quality* (County of San Diego 2007), the County of San Diego *General Plan Update EIR* (County of San Diego 2011), and the CARB *Recommended Area Designation for the 2010 Federal Sulfur Dioxide Standard* (CARB 2011).

to the Pacific Ocean. The Santa Ana winds are powerful and can blow the SDAB's pollutants out to sea. However, a weak Santa Ana can transport air pollution from the South Coast Air Basin and greatly increase O_3 concentrations in the San Diego area.

Under certain conditions, atmospheric oscillation results in the offshore transport of air from the Los Angeles region to San Diego County. This often produces high O_3 concentrations, as measured at air pollutant monitoring stations within San Diego County. The transport of air pollutants from Los Angeles to San Diego can also occur within the stable layer of the elevated subsidence inversion, where high levels of O_3 are transported.

Topographical Conditions

Topography in the San Diego region varies greatly, from beaches in the west to mountains and desert in the east; much of the topography in between consists of mesa tops intersected by canyon areas. Along with local meteorology, topography influences the dispersal and movement of pollutants in the SDAB. Mountains to the east prohibit dispersal of pollutants in that direction and help trap pollutants in inversion layers.

The topography of the SDAB also drives pollutant levels, and the SDAB is classified as a "transport recipient," whereby pollutants are transported from the South Coast Air Basin to the north and, when the wind shifts direction, from Tijuana, Mexico, to the south.

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The national and California standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants. These pollutants, as well as toxic air contaminants (TACs), are discussed in the following paragraphs.[2]

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly oxides of nitrogen (NO_x) and volatile organic compounds (VOCs). The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at the Earth's surface in the troposphere

[2] The descriptions of the criteria air pollutants and associated health effects are based on the U.S. Environmental Protection Agency's "Criteria Air Pollutants" (EPA 2018), as well as the California Air Resources Board's "Glossary" (CARB 2019a) and "Fact Sheet: Air Pollution Sources, Effects and Control" (CARB 2009).

(ground-level O_3).[3] The O_3 that the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013).

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in, thereby causing shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies on the effects of O_3 on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019b).

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide (NO), which is a colorless, odorless gas. NO_x plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers. NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2016).

A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards for NO_2, results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during

[3] The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher levels of exposure compared to children with lower exposure levels. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019c).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas, such as the Project location, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, light-headedness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019d).

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath, and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 parts per million [ppm]) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. Older people and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019e).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in particulate matter (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in airflow resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter. Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of particulate matter. Coarse particulate matter (PM_{10}) consists of particulate matter that is 10 microns or less in diameter, which is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine particulate matter ($PM_{2.5}$) consists of particulate matter that is 2.5 microns or less in diameter, which is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the bloodstream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. Whereas PM_{10} tends to collect in the upper portion of the respiratory system, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hour duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and worldwide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2017a).

Long-term exposure (months to years) to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that particulate matter in outdoor air pollution causes lung cancer (CARB 2017a).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient (IQ) performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Sulfates. Sulfates are the fully oxidized form of sulfur, which typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of SO_2 in the atmosphere and can result in respiratory impairment, as well as reduced visibility.

Vinyl Chloride. Vinyl chloride is a colorless gas with a mild, sweet odor, which has been detected near landfills, sewage plants, and hazardous waste sites, due to the microbial breakdown of chlorinated solvents. Short-term exposure to high levels of vinyl chloride in air can cause nervous system effects, such as dizziness, drowsiness, and headaches. Long-term exposure through inhalation can cause liver damage, including liver cancer.

Hydrogen Sulfide. Hydrogen sulfide is a colorless and flammable gas that has a characteristic odor of rotten eggs. Sources of hydrogen sulfide include geothermal power plants, petroleum refineries, sewers, and sewage treatment plants. Exposure to hydrogen sulfide can result in nuisance odors, as well as headaches and breathing difficulties at higher concentrations.

Visibility-Reducing Particles. Visibility-reducing particles are any particles in the air that obstruct the range of visibility. Effects of reduced visibility can include obscuring the viewshed of natural scenery, reducing airport safety, and discouraging tourism. Sources of visibility-reducing particles are the same as for $PM_{2.5}$.

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as VOCs (also referred to as reactive organic gases). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate ambient air quality standards for VOCs as a group.

2.1.2.2 Non-Criteria Air Pollutants

Toxic Air Contaminants. A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic non-cancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the state of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs

into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources, such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and non-carcinogenic effects. Non-carcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Diesel Particulate Matter. Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70 the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2019f). DPM is typically composed of carbon particles ("soot," also called black carbon) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2019f). The CARB classified "particulate emissions from diesel-fueled engines" (i.e., DPM) (17 CCR 93000) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines, including trucks, buses, and cars, and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same non-cancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2019f). Those most vulnerable to non-cancer health effects are children, whose lungs are still developing, and older people, who often have chronic health problems.

Valley Fever. Coccidioidomycosis, more commonly known as "Valley Fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. When fungal spores are present, any activity that disturbs the soil, such as digging, grading, or other earth-moving operations, can cause the spores to become airborne and thereby increase the risk of exposure. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline sandy soils.

The reported number of cases in California was 7,515 cases in 2018, with the Coccidioidomycosis incidence rate of 18.8 per 100,000 population in 2018 (CDPH 2019). Valley Fever is not considered highly endemic to San Marcos. Per the San Diego County Health and Human Services Agency, the 10-year average (2008–2017) for Coccidioidomycosis cases in the County of San Diego is 4.5 cases per 100,000 people per year. Similarly, among the total reported incidents of Valley Fever from 2010 through 2019, the cases reported in the County were in in the City's zip code that includes the Project site (92078) were at a rate of 4.1 cases per 100,000 population (County of San Diego 2021).

Even if present at a site, earth-moving activities may not result in increased incidence of Valley Fever. Propagation of *Coccidioides immitis* is dependent on climatic conditions, with the potential for growth and surface exposure highest following early seasonal rains and long dry spells. *Coccidioides immitis* spores can be released when filaments are disturbed by earth-moving activities, although receptors must be exposed to and inhale the spores to be at increased risk of developing Valley Fever. Moreover, exposure to *Coccidioides immitis* does not guarantee that an individual will become ill—approximately 60% of people exposed to the fungal spores are asymptomatic and show no signs of an infection (USGS 2000).

Odorous Compounds. Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is quite subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. In a phenomenon known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

2.1.3 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. The SDAPCD identifies sensitive receptors as those who are especially susceptible to adverse health effects from exposure to TACs, such as children, the elderly, and the ill. Sensitive receptors include schools (grades Kindergarten through 12), day care centers, nursing homes, retirement homes, health clinics, and hospitals within two kilometers of the facility (SDAPCD 2019).

Based on SDAPCD guidance, the nearest existing sensitive receptors site include; single family residential (>1,000 feet away) and EZ Living Mobile Home Park (~1,500 feet away) and Big Future Preschool (>850 feet) the most proximate.

2.2 Regulatory Setting

2.2.1 Federal Regulations

2.2.1.1 Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The EPA is responsible for implementing most aspects of the Clean Air Act, including setting National Ambient Air Quality Standards (NAAQS) for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan that demonstrates how those areas will attain the NAAQS within mandated time frames.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required the EPA to identify National Emission Standards for Hazardous Air Pollutants to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 187 substances and chemical families were identified as HAPs.

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS. As stated previously, an ambient air quality standard defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered “in attainment” if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, and $PM_{2.5}$ and visibility-reducing particles are values that are not to be exceeded.

California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an ambient air quality standard is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the ambient air quality standard, this means that the thresholds established by air districts are also protective of human health.

All others are not to be equaled or exceeded. The NAAQS and CAAQS are presented in Table 1.

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	*Primary*[c,d]	*Secondary*[c,e]
O_3	1 hour	0.09 ppm (180 µg/m³)	—	Same as Primary Standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as Primary Standard
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m³)
	24 hours	0.04 ppm (105 µg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 µg/m³	150 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	20 µg/m³	—	
$PM_{2.5}$[i]	24 hours	—	35 µg/m³	Same as Primary Standard
	Annual Arithmetic Mean	12 µg/m³	12.0 µg/m³	15.0 µg/m³
Lead[j,k]	30-day Average	1.5 µg/m³	—	—
	Calendar Quarter	—	1.5 µg/m³ (for certain areas)[k]	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 µg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 µg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 µg/m³)	—	—
Sulfates	24 hours	25 µg/m³	—	—
Visibility reducing particles	8 hours (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2016.

Notes: µg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter; ppm = parts per million by volume; O_3 = ozone; NO_2 = nitrogen dioxide; CO = carbon monoxide; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

[a] California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[g] To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 700 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the Legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment, and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations include Airborne Toxic Control Measures (ATCMs), several of which are described below.

Idling of Commercial Heavy Duty Trucks (13 CCR 2485)

In July 2004, CARB adopted an Airborne Toxic Control Measure (ATCM) to control emissions from idling trucks. The ATCM prohibits idling for more than five minutes for all commercial trucks with a gross vehicle weight rating over 10,000 pounds. The ATCM contains an exception that allows trucks to idle while queuing or involved in operational activities.

In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.)

In July 2007, CARB adopted an ATCM for in-use off-road diesel vehicles. This regulation requires that specific fleet average requirements are met for NO_x emissions and for particulate matter emissions. Where average requirements cannot be met, best available control technology requirements apply. The regulation also includes several recordkeeping and reporting requirements.

In response to AB 8 2X, the regulations were revised in July 2009 (effective December 3, 2009) to allow a partial postponement of the compliance schedule in 2011 and 2012 for existing fleets. On December 17, 2010, CARB adopted additional revisions to further delay the deadlines reflecting reductions in diesel emissions due to the poor economy and overestimates of diesel emissions in California. The revisions delayed the first compliance date until no earlier than January 1, 2014, for large fleets, with final compliance by January 1, 2023. The compliance dates for medium fleets were delayed until an initial date of January 1, 2017, and final compliance date of January 1, 2023. The compliance dates for small fleets were delayed until an initial date of January 1, 2019, and final compliance date of January 1, 2028. Correspondingly, the fleet average targets were made more stringent in future compliance years. The revisions also accelerated the phaseout of older equipment with newer equipment added to existing large and medium fleets over time, requiring the addition of Tier 2 or higher engines starting on March 1, 2011, with some exceptions: Tier 2 or higher engines on January 1, 2013, without exception; and Tier 3 or higher engines on January 1, 2018 (January 1, 2023, for small fleets).

On October 28, 2011 (effective December 14, 2011), the Executive Officer approved amendments to the regulation. The amendments included revisions to the applicability section and additions and revisions to the definition. The initial date for requiring the addition of Tier 2 or higher engines for large and medium fleets, with some exceptions, was revised to January 1, 2012. New provisions also allow for the removal of emission control devices for safety or visibility purposes. The regulation also was amended to combine the particulate matter and NO_x fleet average targets under one, instead of two, sections. The amended fleet average targets are based on the fleet's NO_x fleet average, and the previous section regarding particulate matter performance requirements was deleted completely. The best available control technology requirements, if a fleet cannot comply with the fleet average requirements, were restructured and clarified. Other amendments to the regulations included minor administrative changes to the regulatory text.

In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025)

On December 12, 2008, CARB adopted an ATCM to reduce NO_x and particulate matter emissions from most in-use on-road diesel trucks and buses with a gross vehicle weight rating greater than 14,000 pounds. The original ATCM regulation required fleets of on-road trucks to limit their NO_x and particulate matter emissions through a combination of exhaust retrofit equipment and new vehicles. The regulation limited particulate matter emissions for most fleets by 2011, and limited NO_x emissions for most fleets by 2013. The regulation did not require any vehicle to be replaced before 2012 and never required all vehicles in a fleet be replaced.

In December 2009, the CARB Governing Board directed staff to evaluate amendments that would provide additional flexibility for fleets adversely affected by the struggling California economy. On December 17, 2010, CARB revised this ATCM to delay its implementation along with limited relaxation of its requirements. Starting on January 1, 2015, lighter trucks with a gross vehicle weight rating of 14,001 to 26,000 pounds with 20-year-old or older engines need to be replaced with newer trucks (2010 model year emissions equivalent as defined in the regulation). Trucks with a gross vehicle weight rating greater than 26,000 pounds with 1995 model year or older engines needed to be replaced as of January 1, 2015. Trucks with 1996 to 2006 model year engines must install a Level 3 (85% control) diesel particulate filter starting on January 1, 2012, to January 1, 2014, depending on the model year, and then must be replaced after eight years. Trucks with 2007 to 2009 model year engines have no requirements until 2023, at which time they must be replaced with 2010 model year emissions-equivalent engines, as defined in the regulation. Trucks with 2010 model year engines would meet the final compliance requirements. The ATCM provides a phase-in option under which a fleet operator would equip a percentage of trucks in the fleet with diesel particulate filters, starting at 30% as of January 1, 2012, with 100% by January 1, 2016. Under each option, delayed compliance is granted to fleet operators who have or will comply with requirements before the required deadlines.

On September 19, 2011 (effective December 14, 2011), the Executive Officer approved amendments to the regulations, including revisions to the compliance schedule for vehicles with a gross vehicle weight rating of 26,000 pounds or less to clarify that *all* vehicles must be equipped with 2010 model year emissions equivalent engines by 2023. The amendments included revised and additional credits for fleets that have downsized; implement early particulate matter retrofits; incorporate hybrid vehicles, alternative-fueled vehicles, and vehicles with heavy-duty pilot ignition engines; and implement early addition of newer vehicles. The amendments included provisions for additional flexibility, such as for low-usage construction trucks, and revisions to previous exemptions, delays, and extensions. Other amendments to the regulations included minor administrative changes to the regulatory text, such as recordkeeping and reporting requirements related to other revisions.

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This Section also applies to sources of objectionable odors.

2.2.3 Local Regulations

2.2.3.1 San Diego Air Pollution Control District

San Diego Air Pollution Control District

While CARB is responsible for the regulation of mobile emission sources within the state, local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. The Project site is located within the SDAB, which is under the jurisdiction of the SDAPCD, and is therefore, subject to the guidelines and regulations of SDAPCD. Federal and State attainment plans adopted by the SDAPCD are summarized below.

Federal Attainment Plans

SDAPCD has prepared the 2020 Plan for Attaining the National Ambient Air Quality Standards for Ozone in San Diego County (2020 Attainment Plan) that demonstrates how the region will further reduce air pollutant emissions in order to attain the current NAAQS for ozone. The 2020 Attainment Plan was approved by the SDAPCD on October 14, 2020. On November 19, 2020, CARB adopted the 2020 Attainment Plan for attaining the Federal 8-hour 75 ppb and 70 ppb Ozone standards and projects attainment for the standards by 2026 and 2032, respectively (SDAPCD 2020a). The 2020 Attainment Plan will be submitted to the EPA as a revision to the California State Implementation Plan (SIP) for attaining the ozone NAAQS.

In December 2016, the SDAPCD adopted an update to the Eight-Hour Ozone Attainment Plan for San Diego County (2008 O_3 NAAQS). The 2016 Final Eight-Hour Ozone Attainment Plan for San Diego County indicates that local controls and state programs would allow the region to reach attainment of the federal 8-hour O_3 standard (1997 O_3 NAAQS) by 2018 (SDAPCD 2016a). In this plan, SDAPCD relies on the Regional Air Quality Strategy (RAQS) to demonstrate how the region will comply with the federal O_3 standard. The RAQS details how the region will manage and reduce O_3 precursors (NO_x and VOCs) by identifying measures and regulations intended to reduce these pollutants. The control measures identified in the RAQS generally focus on stationary sources; however, the emissions inventories and projections in the RAQS address all potential sources, including those under the authority of CARB and EPA. Incentive programs for reduction of emissions from heavy-duty diesel vehicles, off-road equipment, and school buses are also established in the RAQS.

Currently, the County is designated as severe nonattainment for the 2008 O_3 NAAQS and maintenance for the 1997 O_3 NAAQS. As documented in the 2016 Final Eight-Hour Ozone Attainment Plan for San Diego County, the County has a likely chance of obtaining attainment due to the transition to low emission cars, stricter new source review rules, and continuing the requirement of general conformity for military growth and the San Diego International Airport. SDAPCD will also continue emission control measures including ongoing implementation of existing regulations in ozone precursor reduction to stationary and area-wide sources, subsequent inspections of facilities and sources, and the adoption of laws requiring Best Available Retrofit Control Technology for control of emissions (SDAPCD 2016a).

State Attainment Plans

SDAPCD and the San Diego Association of Governments (SANDAG) are responsible for developing and implementing the clean air plan for attainment and maintenance of the ambient air quality standards in the SDAB. The RAQS for the SDAB was initially adopted in 1991 and is updated every 3 years, most recently in 2023 (SDAPCD 2023). The RAQS outlines SDAPCD's plans and control measures designed to attain the CAAQS for O_3. The RAQS relies on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in the County and the cities in the County, to forecast future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. The CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by the County and the cities in the County as part of the development of their general plans (SANDAG 2017a, 2017b).

In December 2016, SDAPCD adopted the revised RAQS for the County. Since 2007, the San Diego region has reduced daily VOC emissions and NO_x emissions by 3.9% and 7.0%, respectively; SDAPCD expects to continue reductions through 2035 (SDAPCD 2016b). These reductions were achieved through implementation of six VOC

control measures and three NO_x control measures adopted in SDAPCD's 2009 RAQS (SDAPCD 2009a); in addition, SDAPCD is considering additional measures, including three VOC measures and four control measures to reduce 0.3 daily tons of VOCs and 1.2 daily tons of NO_x, provided they are found to be feasible region-wide. In addition, SDAPCD has implemented nine incentive-based programs, has worked with SANDAG to implement regional transportation control measures, and has reaffirmed the state emission offset repeal.

On March 9, 2023, SDAPCD adopted the 2022 RAQS. The 2022 RAQS guides the SDAPCD in deploying tools, strategies, and resources to continue reducing pollutants that are precursors to ground-level O3, including NOx and VOC. The 2022 RAQS emphasizes O3 control measures but also identifies complementary measures and strategies that can reduce emissions of Greenhouse Gases (GHGs) and PM. It also includes new analyses exploring O3 and its relationship to public health, mobile sources, under-resourced communities, and GHGs and climate change. Further, the 2022 RAQS identifies strategies to expand SDAPCD regional partnerships, identify more opportunities to engage the public and communities of concern, and integrate environmental justice and equity across all proposed measures and strategies.

In regard to particulate matter emissions reduction efforts, in December 2005, SDAPCD prepared a report titled "Measures to Reduce Particulate Matter in San Diego County" to address implementation of Senate Bill (SB) 656 in San Diego County (SB 656 required additional controls to reduce ambient concentrations of PM_{10} and $PM_{2.5}$) (SDAPCD 2005). In the report, SDAPCD evaluated the implementation of source-control measures that would reduce particulate matter emissions associated with residential wood combustion; various construction activities including earthmoving, demolition, and grading; bulk material storage and handling; carryout and trackout removal and cleanup methods; inactive disturbed land; disturbed open areas; unpaved parking lots/staging areas; unpaved roads; and windblown dust (SDAPCD 2005).

SDAPCD Rules and Regulations

As stated previously, SDAPCD is responsible for planning, implementing, and enforcing federal and state ambient standards in the SDAB. The following rules and regulations apply to all sources in the jurisdiction of SDAPCD:

- **SDAPCD Regulation IV: Prohibitions; Rule 50: Visible Emissions.** Prohibits any activity causing air contaminant emissions darker than 20% opacity for more than an aggregate of 3 minutes in any consecutive 60-minute time period. In addition, Rule 50 prohibits any diesel pile-driving hammer activity causing air contaminant emissions for a period or periods aggregating more than 4 minutes during the driving of a single pile (SDAPCD 1997).
- **SDAPCD Regulation IV: Prohibitions; Rule 51: Nuisance.** Prohibits the discharge, from any source, of such quantities of air contaminants or other materials that cause or have a tendency to cause injury, detriment, nuisance, annoyance to people and/or the public, or damage to any business or property (SDAPCD 1976).
- **SDAPCD Regulation IV: Prohibitions; Rule 55: Fugitive Dust.** Regulates fugitive dust emissions from any commercial construction or demolition activity capable of generating fugitive dust emissions, including active operations, open storage piles, and inactive disturbed areas, as well as track-out and carry-out onto paved roads beyond a project site (SDAPCD 2009b).
- **SDAPCD Regulation IV: Prohibitions; Rule 67.0.1: Architectural Coatings.** Requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories (SDAPCD 2015a).

- **SDAPCD Regulation IV: Prohibitions; Rule 67.7: Cutback and Emulsified Asphalts.** This rule prohibits manufacturers, distributors, and end users of cutback and emulsified asphalt materials for the paving, construction or maintenance of parking lots, driveways, streets and highways from applying asphalt material or road oils which contain more than 0.5 percent by volume VOC which evaporate at 260° C (500 ° F) or less (SDAPCD 1979).

2.2.3.2 San Diego Association of Governments

SANDAG is the regional planning agency for the County and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SANDAG serves as the federally designated metropolitan planning organization for the County. With respect to air quality planning and other regional issues, SANDAG has prepared San Diego Forward: The Regional Plan (Regional Plan) for the San Diego region (SANDAG 2015). The Regional Plan combines the big-picture vision for how the region will grow over the next 35 years with an implementation program to help make that vision a reality. The Regional Plan, including its Sustainable Communities Strategy (SCS), is built on an integrated set of public policies, strategies, and investments to maintain, manage, and improve the transportation system so that it meets the diverse needs of the San Diego region through 2050. The Regional Plan was updated in 2021, which was the result of years of planning, data analysis, and community engagement to reimagine the San Diego region with a transformative transportation system, a sustainable pattern of growth and development, and innovative demand and management strategies (SANDAG 2021). The 2021 Regional Plan includes a SCS, which describes coordinated transportation and land use planning that exceeds the state's target for reducing per capita GHG emissions set by CARB. The state-mandated target is a 19% reduction—compared with 2005—in per capita GHG emissions from cars and light-duty trucks by 2035. The 2021 Regional Plan achieves a 20% reduction by then. The 2021 Regional Plan also puts forth a forecasted development pattern that is driven by regional goals for sustainability, mobility, housing affordability, and economic prosperity.

2.2.3.3 City of San Marcos

The City's General Plan (City of San Marcos 2012) includes various policies related to reducing Air Quality and GHG emissions. Air quality policies that would be applicable to the Project include:

Land Use and Community Design Element

Policy LU-2.1: Promote compact development patterns that reduce air pollution and automobile dependence and facilitate walking, bicycling, and transit use.

Policy LU-3.1: Require that new development and redevelopment incorporate connections and reduce barriers between neighborhoods, transit corridors, and activity centers within the City.

Mobility Element

Policy M-2.1: Work with new development to design roadways that minimize traffic volumes and/or speed, as appropriate within residential neighborhoods; while maintaining the City's desire to provide connectivity on the roadway network.

Conservation and Open Space Element

Policy COS-4.6: Promote efficient use of energy and conservation of available resources in the design, construction, maintenance and operation of public and private facilities, infrastructure and equipment.

Policy COS-4.8: Encourage and support the generation, transmission and use of renewable energy.

2.3 Regional and Local Air Quality Conditions

2.3.1 San Diego Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are re-designated as maintenance areas and must have approved Maintenance Plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than the NAAQS. Table 2 depicts the current attainment status of the Project site with respect to the NAAQS and CAAQS, as well as the attainment classifications for the criteria pollutants are outlined in Table 2.

Table 2. San Diego Air Basin Attainment Status

Pollutant	Designation/Classification	
	National Standards	*State Standards*
Ozone (O_3) – 1-hour	Attainment (maintenance)[a]	**Nonattainment**
Ozone (O_3) – 8-hour	**Nonattainment (severe)**	**Nonattainment**
Nitrogen dioxide (NO_2)	Unclassifiable/attainment[b]	Attainment
Carbon monoxide (CO)	Unclassifiable/attainment	Attainment
Sulfur dioxide (SO_2)	Unclassifiable/attainment	Attainment
Respirable particulate matter (PM_{10})	Unclassifiable/attainment	**Nonattainment**
Fine particulate matter ($PM_{2.5}$)	Unclassifiable/attainment	**Nonattainment**
Lead (Pb)	Attainment	Attainment
Sulfates (SO_4)	No national standard	Attainment
Hydrogen sulfide (H_2S)	No national standard	Unclassified
Vinyl chloride	No national standard	No designation
Visibility-reducing particles	No national standard	Unclassified

Sources: EPA 2021a (national); CARB 2020 (state).

Definitions: Attainment = meets the standards; attainment/maintenance = achieve the standards after a nonattainment designation; nonattainment = does not meet the standards; unclassified or unclassifiable = insufficient data to classify; unclassifiable/attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.
Notes: SDAB = San Diego; O_3 = ozone; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; NO_2 = nitrogen dioxide; SO_2 = sulfur dioxide.

[a] The national 1-hour standard of 0.12 parts per million (ppm) was in effect from 1979 through June 15, 2005. The revoked standard is referenced here because it was employed for such a long period and because this benchmark is addressed in SIPs.

[b] The western and central portions of the SDAB are designated attainment, while the eastern portion is designated unclassifiable/ attainment.

In summary, the EPA has designated the SDAB as a nonattainment area for the federal 8-hour O_3 standard, and CARB has designated the SDAB as a nonattainment area for the state 1-hour and 8-hour O_3 standards. The SDAB has been designated as a nonattainment area for the state 24-hour and annual PM_{10} standards and as a nonattainment area for the state annual $PM_{2.5}$ standard. The SDAB is designated as unclassified or attainment for all other criteria air pollutants.

2.3.2 Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. SDAPCD operates a network of ambient air monitoring stations throughout San Diego County, which measure ambient concentrations of pollutants and determine whether the ambient air quality meets the CAAQS and the NAAQS. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The SDAPCD monitors air quality conditions at 11 locations throughout the SDAB. Escondido – East Valley Parkway monitoring station cease to collect data post-2015; thus, due to proximity to the site and similar geographic and climactic characteristics, the Camp Pendleton, San Diego-Rancho Carmel Drive, San Diego–Kearny Villa Road, and El Cajon-Lexington Elementary School monitoring station concentrations for all pollutants are considered most representative of the Project site. Ambient concentrations of pollutants from 2019 through 2021 are presented in Table 3.

Table 3. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2019	*2020*	*2021*	*2019*	*2020*	*2021*
Ozone (O_3) – Camp Pendleton									
Maximum 1-hour concentration	ppm	State	0.12	0.075	0..094	0.074	0	0	0
Maximum 8-hour concentration	ppm	State	0.070	0.065	0.074	0.059	0	3	0
		Federal	0.070	0.064	0.074	0.059	0	3	0
Nitrogen Dioxide (NO_2) – San Diego – Rancho Carmel Drive									
Maximum 1-hour concentration	ppm	State	0.18	0.054	0.054	0.054	0	0	0
		Federal	0.100	0.054	0.054	0.054	0	0	0
Annual concentration	ppm	State	0.030	0.014	0.014	0.013	—	—	—
		Federal	0.053	0.014	0.014	0.013	—	—	—

Table 3. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2019	*2020*	*2021*	*2019*	*2020*	*2021*
Carbon Monoxide (CO) – San Diego – Rancho Carmel Drive									
Maximum 1-hour concentration	ppm	State	20	4.1	3.3	3.0	0	0	0
		Federal	35	4.1	3.3	3.0	0	0	0
Maximum 8-hour concentration	ppm	State	9.0	2.5	1.7	1.8	0	0	0
		Federal	9	2.5	1.7	1.8	0	0	0
Sulfur Dioxide (SO_2) – El Cajon-Lexington Elementary School									
Maximum 1-hour concentration	ppm	Federal	0.075	0.0008	0.0017	0.0016	0	0	0
Maximum 24-hour concentration	ppm	Federal	0.14	0.0003	0.0004	0.0003	0	0	0
Annual concentration	ppm	Federal	0.030	0.00007	0.00009	0.0011	—	—	—
Coarse Particulate Matter (PM_{10})[a] – El Cajon-Lexington Elementary School									
Maximum 24-hour concentration	µg/m³	State	50	37.4	ND		0.0 (0)	ND (0)	ND (0)
		Federal	150	38.7	ND		0.0 (0)	ND (0)	ND (0)
Annual concentration	µg/m³	State	20	20.1	ND		—	—	—
Fine Particulate Matter ($PM_{2.5}$)[a] – San Diego – Kearny Villa Road									
Maximum 24-hour concentration	µg/m³	Federal	35	16.2	47.5	20.9	0.0 (0)	0.0 (0)	5.8 (2)
Annual concentration	µg/m³	State	12	ND	ND		—	—	—
		Federal	12.0	7.0	8.7	7.6	—	—	—

Sources: CARB 2022; EPA 2021b.

Notes: ppm = parts per million by volume; ND = insufficient data available to determine the value; — = not available; µg/m³ = micrograms per cubic meter.

Data taken from CARB iADAM (http://www.CARB.ca.gov/adam) and EPA AirData (http://www.epa.gov/airdata/) represent the highest concentrations experienced over a given year.

Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed federal or state standards during the years shown. There is no federal standard for 1-hour ozone, annual PM_{10}, or 24-hour SO_2, nor is there a state 24-hour standard for $PM_{2.5}$.

The Camp Pendleton monitoring station is located at 21441 West B Street, Camp Pendleton, California.

The San Diego-Rancho Carmel Drive monitoring station is located at 11403 Rancho Carmel Drive, San Diego, California.

The El Cajon-Lexington Elementary School monitoring station is located at 533 First Street, El Cajon, California.

The San Diego-Kearny Villa Road monitoring station is located at 6125A Kearny Villa Road, San Diego, California.

[a] Measurements of PM_{10} and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

2.4 Significance Criteria and Methodology

2.4.1 Thresholds of Significance

The significance criteria used to evaluate the Project impacts to air quality is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this air quality analysis, a significant impact would occur if the Project would (14 CCR 15000 et seq.):

1. Conflict with or obstruct implementation of the applicable air quality plan.
2. 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.
3. Expose sensitive receptors to substantial pollutant concentrations.
4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the Project would have a significant impact on air quality.

County of San Diego and SDAPCD

Neither the City of San Marcos nor the SDAPCD have developed CEQA thresholds of significance for air quality; however, the County of San Diego has established CEQA screening-level thresholds for air quality impact analyses based on the SDAPCD Air Quality Impact Assessments trigger levels, which are based on emissions levels identified under the New Source Review program. As part of its air quality permitting process, SDAPCD has established thresholds in Rule 20.2 and Rule 20.3 requiring the preparation of Air Quality Impact Assessments for permitted stationary sources (non-major and major stationary sources, respectively) (SDAPCD 2020b, 2021). SDAPCD sets forth quantitative emission thresholds below which a stationary source would not have a significant impact on ambient air quality. Because SDAPCD Rules 20.2 and 20.3 do not identify a VOC threshold, the County of San Diego established a VOC threshold based on the South Coast Air Quality Management District's VOC threshold.

For CEQA purposes, the screening-level thresholds established by the County of San Diego can be used as numeric methods to demonstrate that a project's total emissions would not result in a significant impact to air quality for projects within San Diego County. Accordingly, the thresholds listed in Table 4 are used to evaluate whether Project-related emissions could cause a significant impact on air quality. For nonattainment pollutants, if emissions exceed the thresholds shown in Table 4, the Project could have the potential to result in a cumulatively considerable net increase in these pollutants and thus, could have a significant impact on the ambient air quality; conversely, emissions below the screening-level thresholds would not cause a significant impact. A project that involves a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors.

Table 4. Air Quality Significance Thresholds

Construction and Operational Emissions			
	Total Emissions		
Pollutant	*Pounds per Hour*	*Pounds per Day*	*Tons per Year*
Respirable particulate matter (PM_{10})	—	100	15
Fine particulate matter ($PM_{2.5}$)	—	55	10
Oxides of nitrogen (NO_x)	25	250	40
Sulfur oxides (SO_x)	25	250	40
Carbon monoxide (CO)	100	550	100
Lead and lead compounds	—	3.2	0.6
Volatile organic compounds (VOC)	—	75[a]	13.7

Source: SDAPCD Rules 20.2(d)(2) and 20.3(d)(2).

[a] VOC threshold based on South Coast Air Quality Management District (SCAQMD) levels for Coachella Valley, which have similar federal and state attainment status to San Diego.

2.4.2 Approach and Methodology

2.4.2.1 Construction Emissions

Emissions from the construction phase of the Project were estimated using CalEEMod Version 2020.4.0. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the Project applicant and CalEEMod default values when Project specifics were not known.

For purposes of estimating Project emissions, and based on information provided by the Project applicant, it is assumed that construction of the Project would commence in January 2024[4] and would last approximately 30 months, ending in May 2026. The analysis contained herein is based on the following assumptions (duration of phases is approximate):

- Demolition: 34 days (January 2024 – February 2024)
- Site Preparation: 10 days (January 2024 – February 2024)
- Grading: 147 days (February 2024 – September 2024)
- Building Construction: 560 days (March 2024 – May 2026)
- Paving: 66 days (September 2024 – December 2024)
- Architectural Coating: 490 days (June 2024 – May 2026)

Demolition includes removal of 63,484 sqft of existing structures and approximately 376,358 sqft of paved surface. Grading was assumed to require 184,420 cubic yards of soil for import. The construction equipment mix and vehicle trips used for estimating the Project-generated construction emissions are shown in Table 5.

[4] The analysis assumes a construction start date of January 2024, which represents the earliest date construction would initiate. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant and GHG emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years.

Table 5. Construction Scenario Assumptions

Construction Phase	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	*Average Daily Vendor Truck Trips*	*Total Haul Truck Trips*	*Equipment Type*	*Quantity*	*Daily Usage Hours*
Demolition	16	4	1,878	Concrete/Industrial Saws	1	8
				Excavators	3	8
				Rubber Tires Dozers	2	8
Site Preparation	18	4	0	Rubber Tires Dozers	3	8
				Tractors/Loaders/ Backhoes	4	8
Grading	20	4	23,052	Excavators	2	8
				Graders	1	8
				Rubber Tired Dozers	1	8
				Scrappers	2	8
				Tractors/Loaders/ Backhoes	2	8
Building Construction	240	60	0	Cranes	1	7
				Forklifts	3	8
				Generator Sets	1	8
				Tractors/Loaders/ Backhoes	3	7
				Welders	1	8
Paving	16	0	0	Pavers	2	8
				Paving Equipment	2	8
				Rollers	2	8
Architectural Coating	48	0	0	Air Compressors	1	6

Notes: See Appendix A for details.

Construction of project components would be subject to SDAPCD Rule 55 – Fugitive Dust Control. This rule requires that construction of project components include steps to restrict visible emissions of fugitive dust beyond the property line (SDAPCD 2009b). Compliance with Rule 55 would limit fugitive dust (PM_{10} and $PM_{2.5}$) that may be generated during grading and construction activities. To reflect implementation of proposed dust control strategies, it was assumed that the exposed areas would be watered two times per day (55% reduction in PM_{10} and $PM_{2.5}$).

2.4.2.2 Operational Emissions

Emissions from the operational phase of the Project were estimated using CalEEMod Version 2020.4.0. Operational year 2027 was assumed as the first full year after completion of Project construction.

Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with natural gas usage in space heating and water heating are calculated in the building energy use module of CalEEMod, as described in the following text.

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2021). Consumer product VOC emissions are estimated in CalEEMod based on the floor area of buildings and on the default factor of pounds of VOC per building square foot per day. For parking lot land uses, CalEEMod estimates VOC emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of VOC per square foot per day.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers using during building maintenance. CalEEMod calculates the VOC evaporative emissions from application of residential surface coatings based on the VOC emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The VOC emission factor is based on the VOC content of the surface coatings, and SDAPCD Rule 67.0.1 (Architectural Coatings) governs the VOC (or ROG) content for interior and exterior coatings. The CalEEMod default of 250 grams per liter was assumed for parking area coatings. The model default reapplication rate of 10% of area per year is assumed. Consistent with CalEEMod defaults, it is assumed that the residential surface area for painting equals 2.7 times the floor square footage, with 75% assumed for interior coating and 25% assumed for exterior surface coating (CAPCOA 2021). For the parking lot, the architectural coating area is assumed to be 6% of the total square footage, consistent with the supporting CalEEMod studies provided as an appendix to the CalEEMod User's Guide (CAPCOA 2021).

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers. The emissions associated from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per square foot of residential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days. For San Diego County, the average annual "summer" days are estimated to 365 days; however, it is assumed that landscaping equipment would likely only operate during the week (not weekends), so operational days were assumed to be 180 days per year in CalEEMod (CAPCOA 2021).

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, because criteria pollutant emissions occur at the site of the power plant, which is typically off-site. Therefore, for the purposes of the air quality analysis, the energy source parameters focus on criteria air pollutants generated as a result of natural gas consumption within the built environment. Natural gas consumption is attributed to systems like heating, ventilation, and air conditioning and water heating. CalEEMod assumes compliance with the 2019 Title 24 code.

Mobile Sources

Mobile sources for the Project would be motor vehicles (e.g., automobiles, trucks, and buses) traveling to and from the Project site. Motor vehicles may be fueled with gasoline, diesel, or alternative fuels. The trip rates for the proposed Project are based on OCRR Transportation Due Diligence Memorandum conducted by Intersecting Metrics, July 2023. CalEEMod default data, including temperature, trip characteristics, variable start information, and emissions factors, were conservatively used for the model inputs. The project traffic impact assessment (Intersection Metrics, July 2023), indicates that the project would reduce average daily trips coming from the Project site, compared to the existing restaurants. Table 6 presents the conclusion of the traffic analysis, which is shown as estimated reduction of 4,665 average daily trips to local roadways.,

Table 6. Project Traffic Generation Versus Current Uses Traffic

Land Use	Units	Trip Rate	Average Daily Trips (ADT)
Multi-Family Units	202 Dwelling Units	6 /Dwelling Unit	1,212
Specialty Retail	10,400 square feet	40 / thousand sq. ft.	416
City Park	1.1 Acres	50 Trips/Acre	55
Existing Uses (to be eliminated)			
Existing Restaurants	-63,484	100/KSF	6,348
Net Trip Generation	--	--	-4,665

Source: (Intersection Metrics, July 2023.

2.5 Impact Analysis

Threshold 1: Would the Project conflict with or obstruct implementation of the applicable air quality plan?

As stated in Section 4.3, Local, SDAPCD and SANDAG are responsible for developing and implementing the clean air plans for attainment and maintenance of the NAAQS and CAAQS in the SDAB; specifically, the SIP and RAQS.[5] The federal O_3 maintenance plan, which is part of the SIP, was adopted in 2020. The SIP includes a demonstration that current strategies and tactics will maintain acceptable air quality in the SDAB based on the NAAQS. The RAQS was initially adopted in 1991 and is updated every 3 years (most recently in 2023). The RAQS outlines SDAPCD's plans and control measures designed to attain the CAAQS for O_3. The SIP and RAQS rely on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in San Diego County and the cities in the County, to project future emissions and then determine from that the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission

[5] For the purpose of this discussion, the relevant federal air quality plan is the O_3 maintenance plan (SDAPCD 2016b). The RAQS is the applicable plan for purposes of state air quality planning. Both plans reflect growth projections in the SDAB.

projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by San Diego County and the cities in the County as part of the development of their general plans.

If a project proposes development that is greater than that anticipated in the local plan and SANDAG's growth projections, the project might be in conflict with the SIP and RAQS and may contribute to a potentially significant cumulative impact on air quality. The northern portion of the Project site includes 1.63 acres of exiting vacant light industrial zoned land, while the remaining portion of the total 10.5-acre project area is zoned Mixed-Use 1 (MU-1) and built with an existing 63,484 SF of restaurant uses. Therefore, the Project requires a General Plan Amendment and Rezone to change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to Specific Plan Area (SPA).

As stated above, the RAQS outlines SDAPCD's plans and control measures designed to attain the CAAQS for O_3. The RAQS is developed to attain ozone standards through control measures targeting VOC and NO_x emissions as precursors to ozone formation. The SDAPCD mobile source emissions projection and SANDAG growth projections are based on population and vehicle trends and land use plans developed by the city. As such, the current RAQS assumptions would include the Project site based on emissions of VOC and NOx from land uses of zoning of L-1 and MU-1 It should be noted that the current low-density single-story restaurant complex does not conform with the current zoning and the proposed SPA would result in development standards that conform substantially to the MU-1 development standards.

Because the Project proposes a general plan amendment and zone change from L-1 and MU-1 to SPA, a comparison of emissions of NOx and VOC (precursors to O_3) between existing zone buildout and the proposed Project are preformed to determine if the emissions resulting from the proposed Project are equal to or less than that which would have been accounted for in the SIP and RAQS. If the estimated emissions of the new zoning (SPA) is equal to or less than the existing (LI-1 and MU-1) then the strategies propose in the RAQS are sufficient to capture the project emissions and the project would not be in conflict or obstruction of the RAQS.

Per City of San Marcos General Plan, Table 2-2. General Plan Land Use Designation Density, the maximum Density/Intensity for Light Industrial is 0.60 Floor Area Ratio (FAR). For this analysis, and per City guidance, the existing parcels would be modeled based on the alternative project utilized in the Fiscal Impact Study (DTA 2023) for the project, which includes: 173-unit townhomes, 10,400 square feet of commercial retail, is 28,436 square feet of office building and 133 parking spaces. CalEEMod default values were utilized for alternative project land uses to develop representative emissions. Table 7 provides a summary of the annual CalEEMod estimated VOC and NO_x emissions, of alternative project compared to the Project.

Table 7. Estimated Annual Operational Ozone(O_3) Precursor Emissions

Source	VOC	NO_x
	Tons per Year	
Fiscal Impact Study Alternative		
Area	12.59	0.23
Energy	0.01	0.09
Mobile	0.63	0.65
Total	**13.23**	**0.97**

Proposed Project SPA		
Area	1.22	0.02
Energy	0.01	0.07
Mobile	0.67	0.69
Total	**1.90**	**0.78**
Difference (Proposed Project - Existing)	**-11.33**	**-0.19**

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen
See Appendix A for complete results.

As shown in Table 7, the proposed Project development would result in a reduction of ozone precursors, VOC and NOx, of 11.33TPY and 0.19 TPY, respectively, compared to the Fiscal Impact Study alternative. Therefore, the proposed Project would not conflict with the SIP and RAQS and would result in a less than significant impact on air quality.

As presented in the July 2021, General Plan Housing Element, the most recent Regional Housing Needs Assessment (RHNA) from SANDAG stated that San Marcos's share of regional future housing needs is 3,116 new units between April 15,2021, and April 15, 2029. As of June 30, 2020, 546 housing units have been planned or approved for development, with 2,570 units remaining needed to be developed in the City. The Project is expected to bring 202 units to market in 2027 which would be within SANDAG's growth projection for housing during the 6th Cycle planning horizon.

Conclusion

The general plan amendment and zone change to specific plan area is not anticipated to result in air quality impacts that were not envisioned in the growth projections and RAQS, and this minor increase in residential units (202 units) in the region would not obstruct or impede implementation of local air quality plans. The Project would be consistent at a regional level with the underlying growth forecasts emissions in the RAQS. Impacts would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

Threshold 2: 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?

Past, present, and future development projects may contribute to the SDAB adverse air quality impacts on a cumulative basis. By its nature, air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SDAPCD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance

for criteria pollutants are used in the determination of whether a project's individual emissions would have a cumulatively considerable contribution on air quality. If a project's emissions would exceed the applied significance thresholds, it would have a cumulatively considerable contribution. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant.

Construction and operation of the Project would result in emissions of criteria air pollutants, which may result in a cumulatively considerable net increase in emissions of criteria air pollutants for which the SDAB is designated as nonattainment under the NAAQS or CAAQS. As discussed previously, the SDAB has been designated as a federal nonattainment area for O_3 and a state nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The following discussion quantitatively evaluates potential short-term construction and long-term operational impacts that would result from implementation of the Project.

Construction Emissions

Proposed construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing from architectural coatings and asphalt pavement application) and off-site sources (i.e., on-road haul trucks, delivery trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and for dust, the prevailing weather conditions. Therefore, such emissions levels can only be estimated, with a corresponding uncertainty in precise ambient air quality impacts.

As discussed under 2.4.2.1, criteria air pollutant emissions associated with construction activity were quantified using CalEEMod. Construction emissions were calculated for the estimated worst-case day over the construction period associated with each phase and reported as the maximum daily emissions estimated during each year of construction (2024–2026). Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the applicant or CalEEMod defaults and are intended to represent a reasonable scenario based on the best information available. NO_x and CO emissions would primarily result from the use of construction equipment and motor vehicles.

Fugitive dust (PM_{10} and $PM_{2.5}$) emissions would primarily result from grading and site preparation activities. The Project would be required to comply with SDAPCD Rule 55, Fugitive Dust Control. This rule requires that the Project take steps to restrict visible emissions of fugitive dust beyond the property line. Compliance with Rule 55 would limit fugitive dust (PM_{10} and $PM_{2.5}$) generated during grading and construction activities. To account for dust control measures in the calculations, it was assumed that the Project would ensure that active sites be watered at least two times daily. The application of architectural coatings, such as exterior application/interior paint and other finishes would produce VOC emissions. The contractor would also be required to comply with the requirements of SDAPCD's Rule 67.7, Cutback and Emulsified Asphalt, which would limit VOC emissions from asphalt off-gassing.

Table 8 presents the estimated maximum daily construction emissions generated during construction of the Project. Details of the emission calculations are provided in Appendix A.

Table 8. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions - Unmitigated

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per day					
2024	20.85	82.28	74.26	0.24	17.85	7.81
2025	15.93	16.70	24.82	0.06	3.38	1.32
2026	15.89	16.63	24.46	0.06	3.38	1.32
Maximum daily emissions	**20.85**	**82.28**	**74.26**	**0.24**	**17.85**	**7.81**
Emission threshold	75	250	550	250	100	55
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = particulate matter with an aerodynamic diameter equal to or less than 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter equal to or less than 2.5 microns.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. Although not considered mitigation, these estimates reflect the "mitigated" CalEEMod results in order to account for SDAPCD Rule 55 - Fugitive Dust Control, assuming watering of the project site two times per day.

As shown in Table 8, maximum daily construction emissions would not exceed the significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction.

Operational Emissions

Following the completion of construction activities, the Project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources, including vehicular traffic; energy sources from natural gas usage; area sources, (including the use of landscaping equipment, consumer products, and from architectural coatings. As discussed in Section 2.4.2.2, Operational Emissions, pollutant emissions associated with long-term operations were quantified using CalEEMod using a combination of Project-specific information and CalEEMod default values.

Table 9 presents the maximum daily area, energy, and mobile source emissions associated with Project operation. Details of the emission calculations are provided in Appendix A.

Table 9. Estimated Operational Criteria Air Pollutant Emissions - Unmitigated

Emission Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per day					
Area	6.92	0.19	16.66	<0.01	0.09	0.09
Energy	0.04	0.38	0.16	<0.01	0.03	0.03
Mobile	4.07	4.08	35.99	0.08	8.94	2.42
Total	**11.03**	**4.65**	**52.81**	**0.08**	**9.06**	**2.54**
Emission Threshold	75	250	550	250	100	55
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = particulate matter with an aerodynamic diameter equal to or less than 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter equal to or less than 2.5 microns; <0.01 = reported value less than 0.01; negative values are presented in parentheses.
See Appendix A for complete results. Totals may not sum due to rounding.

As shown in Table 9, the maximum daily emissions of the Project would not exceed the significance thresholds for any criteria air pollutants.

As discussed in Section 2.3, Regional and Local Air Quality Conditions, the SDAB has been designated as a federal nonattainment area for O_3 and a state nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from various sources of air pollutants and their precursors within the SDAB, including motor vehicles, off-road equipment, and commercial and industrial facilities. Construction and operation of the Project would generate VOC and NO_x emissions (which are precursors to O_3) and emissions of PM_{10} and $PM_{2.5}$. However, as indicated in Tables 7 and 8, Project-generated construction and operational emissions would not exceed the emission-based significance thresholds for VOC, NO_x, PM_{10}, or $PM_{2.5}$.

Cumulative localized impacts would potentially occur if a construction project were to occur concurrently with another off-site project. Construction schedules for potential future projects near the Project area are currently unknown; therefore, potential construction impacts associated with two or more simultaneous projects would be considered speculative. However, future projects would be subject to CEQA and would require air quality analysis and, where necessary, mitigation if the project would exceed applied thresholds. Criteria air pollutant emissions associated with construction activity of future projects would be reduced through implementation of control measures required by the SDAPCD. For example, cumulative PM_{10} and $PM_{2.5}$ emissions would be reduced because all future projects would be subject to SDAPCD Rule 55 (Fugitive Dust), which sets forth general and specific requirements for all construction sites in the SDAB. In addition, cumulative VOC emissions would be subject to SDAPCD Rule 67.0.1 (Architectural Coatings).

Cumulative air quality impacts are baisin-wide, and air quality is affected by all pollutant sources in the basin. As the individual project thresholds are designed to help achieve attainment with cumulative basin-wide standards, they are also appropriate for assessing the Project's contribution to cumulative impacts. As shown in Tables 8 and 9, emission would be less than applicable screening thresholds. As emissions would be less than the screening thresholds, the Project would not result in cumulative considerable impact. Therefore, the Project's cumulative air quality impact would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

Threshold 3: Would the Project expose sensitive receptors to substantial pollutant concentrations?

Air quality varies as a direct function of the amount of pollutants emitted into the atmosphere, the size and topography of the air basin, and the prevailing meteorological conditions. Air quality problems arise when the rate of pollutant emissions exceeds the rate of dispersion. Reduced visibility, eye irritation, and adverse health impacts on those persons termed "sensitive receptors" are the most serious hazards of existing air quality conditions in the area. Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution, as identified by CARB, include children, older adults, athletes, and people with cardiovascular and chronic respiratory diseases;

however, for the purposes of this analysis, residents are also considered sensitive receptors. As such, sensitive receptors include residences, schools, playgrounds, childcare centers, athletic facilities, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes.

The SDAPCD identifies sensitive receptors as those who are especially susceptible to adverse health effects from exposure to TACs, such as children, the elderly, and the ill. Sensitive receptors include schools (grades Kindergarten through 12), day care centers, nursing homes, retirement homes, health clinics, and hospitals within two kilometers of the facility (SDAPCD 2019). Based on SDAPCD guidance, the nearest existing sensitive receptors include; single family residential (>1,000 feet away) and EZ Living Mobile Home Park (~1,500 feet away) and Big Future Preschool (>850 feet) the most proximate.

Health Impacts of Carbon Monoxide

Mobile source impacts occur on two scales of motion. Regionally, Project-related travel would add to regional trip generation and increase the vehicle miles traveled within the local airshed and the SDAB. Locally, project generated traffic would be added to the County's roadway system near the Project site. If such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and is operating on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SDAB is steadily decreasing. In addition, according to the project traffic impact assessment (Intersection Metrics, July 2023), the project would reduce average daily trips coming from the Project site, compared to the existing restaurants. As shown in Table 6 the Project would result in an estimated reduction of 4,665 average daily trips to local roadways.,

CO transport is extremely limited and CO disperses rapidly with distance from the source. Under certain extreme meteorological conditions, however, CO concentrations near a congested roadway or intersection may reach unhealthy levels, affecting sensitive receptors such as residents, school children, hospital patients, and the elderly. Typically, high CO concentrations are associated with urban roadways or intersections operating at an unacceptable level of service (LOS). Projects contributing to adverse traffic impacts may result in the formation of CO hotspots.

To verify that the Project would not cause or contribute to a violation of the CO standards, a screening evaluation of the potential for CO hotspots was conducted using the County of San Diego screening threshold of 3,000 peak trips (County of San Diego 2007). The trip rates for the proposed Project are based OCRR Transportation Due Diligence Memorandum conducted by Intersecting Metrics, July 2023.. Based on this data, there would be approximately 118 trips during the AM peak-hour and 153 trips during the PM peak-hour, which would be minimal in comparison to the screening threshold of 3,000 peak trips. In addition, the project would reduce average daily trips coming from the Project site, compared to the existing restaurants. Therefore, the Project would not result in a CO hotspot and would result in a **less than significant** impact.

Health Effects of Other Criteria Air Pollutants

Project construction and operation would not exceed significance thresholds for VOC, NO_x, CO, SO_x, $PM_{10,}$ or $PM_{2.5}$. VOCs and NO_x are precursors to O_3, for which the SDAB is designated as nonattainment with respect to the NAAQS and CAAQS. The health effects associated with O_3 are generally associated with reduced lung function. The contribution of ROGs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SDAB due to O_3 precursor emissions tend to be found downwind from the source location

to allow time for the photochemical reactions to occur. However, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O_3 CAAQS/NAAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O_3 precursors is speculative due to the lack of reliable and meaningful quantitative methods to assess this impact. The Project would not exceed the significance thresholds for VOC or NO_x; therefore, implementation of the Project would contribute minimally to regional O_3 concentrations and the associated health effects.

In addition to O_3, NO_x emissions contribute to potential exceedances of the NAAQS and CAAQS for NO_2 (since NO_2 is a constituent of NO_x). Health effects that result from NO_2 and NO_x include respiratory irritation, which could be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. However, Project construction would be relatively short term, and off-road construction equipment would be operating at various portions of the site and would not be concentrated in one portion of the site at any one time. In addition, existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards. Because Project generated NO_x emissions would not exceed the significance threshold, the Project would not result in potential health effects associated with NO_2 and NO_x.

CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed previously and were determined to be a less-than-significant impact. Furthermore, the existing CO concentrations in the area are well below the NAAQS and CAAQS standards. Thus, the Project's CO emissions would not contribute to significant health effects associated with this pollutant.

Construction and operation of the Project would also not exceed thresholds for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter or would obstruct the SDAB from coming into attainment for these pollutants. Additionally, the Project would implement dust control strategies and be required to comply with SDAPCD Rule 55, Fugitive Dust Control, which limits the amount of fugitive dust generated during construction. Due to the minimal contribution of particulate matter during construction and operation, the Project is not anticipated to result in health effects associated with PM_{10} or $PM_{2.5}$.

In summary, the Project would not result in any potentially significant contribution to local or regional concentrations of nonattainment pollutants and would not result in a significant contribution to the adverse health impacts associated with those pollutants. Impacts would be **less than significant**. Furthermore, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, and there are currently no modeling tools that could provide reliable and meaningful additional information regarding health effects from criteria air pollutants generated by individual projects.

Health Impacts of Toxic Air Contaminants

In addition to impacts from criteria pollutants, project impacts may include emissions of pollutants identified by the state and federal government as TACs or hazardous air pollutants. State law has established the framework for California's TAC identification and control program, which is generally more stringent than the federal program and aimed at TACs that are a problem in California. The state has formally identified more than 200 substances as TACs, including the federal hazardous air pollutants, and is adopting appropriate control measures for sources of these TACs. The greatest potential for TAC emissions during construction would be diesel particulate emissions from heavy equipment operations and heavy-duty trucks and the associated health impacts to sensitive receptors. The following measures are required by state law to reduce DPM emissions:

- Fleet owners of mobile construction equipment are subject to the CARB Regulation for In-use Off-road Diesel Vehicles (13 CCR 2449), the purpose of which is to reduce DPM and criteria pollutant emissions from in-use (existing) off-road diesel-fueled vehicles.
- All commercial diesel vehicles are subject to Title 13, Section 2485 of the California Code of Regulations, limiting engine idling time. Idling of heavy-duty diesel construction equipment and trucks during loading and unloading shall be limited to five minutes; electric auxiliary power units should be used whenever possible.

Health effects from carcinogenic air toxics are usually described in terms of cancer risk. The SDAPCD recommends an incremental cancer risk threshold of 10 in a million (SDAPCD 2015b). "Incremental cancer risk" is the net increased likelihood that a person continuously exposed to concentrations of TACs resulting from a project over a 9-, 30-, and 70-year exposure period will contract cancer based on the use of standard Office of Environmental Health Hazard Assessment risk-assessment methodology (OEHHA 2015). The Project would not require the extensive operation of heavy-duty construction equipment, which is subject to a CARB Airborne Toxics Control Measure for in-use diesel construction equipment to reduce diesel particulate emissions and would not involve extensive use of diesel trucks, which are also subject to a CARB Airborne Toxics Control Measure.

As shown in Table 7, maximum daily PM_{10} or $PM_{2.5}$ emissions generated by construction equipment operation and haul-truck trips during construction, which is based on exhaust and fugitive dust generated by equipment operation and vehicle travel, would be well below the significance thresholds. Moreover, total construction of the Project would last approximately 30 months, after which Project-construction TAC emissions would cease. Thus, the duration of the proposed construction activities would only constitute a small percentage of the total 30-year exposure period. In regards to long-term TAC emissions and as a residential project, the Project would result in a minimal increase in daily truck traffic on the roadway network and would not require stationary sources (such as diesel emergency generators). As previously described the nearest existing sensitive receptors are located to the greater than 850 feet away from the project site and DPM would disperse quickly. Therefore, the exposure of Project-related TAC emission impacts to proximate sensitive receptors would be **less than significant**.

Valley Fever

As discussed above in Section 2.1.2.2, the average incidence rate within the County is below the statewide average. Furthermore, construction of the Project would comply with SDAPCD Rule 55, Fugitive Dust Control, which limits the amount of fugitive dust generated during construction. SDAPCD Rule 55 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. Based on the low incidence rate of coccidioidomycosis on the Project site and in the County, and with the Project's implementation of dust control strategies and Valley Fever awareness and training, it is not anticipated that earth-moving activities during project construction would result in exposure of nearby sensitive receptors to Valley Fever. Therefore, the Project would have a **less-than-significant** impact with respect to Valley Fever exposure for sensitive receptors.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

Threshold 4: Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Based on available information, the Project is not anticipated to result in other emissions that have not been addressed under Threshold 1 through Threshold 3 above. As such, this analysis focuses on the potential for the Project to generate odors. The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be generated from vehicles and/or equipment exhaust emissions during construction of the Project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment and architectural coatings. Such odors would disperse rapidly from the Project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be considered **less than significant**.

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. The Project would not engage in any of these activities. Therefore, the Project would result in an odor impact that is **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (i.e., decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2017).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century and is the most significant driver of observed climate change (IPCC 2013; EPA 2017). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.3.2, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code, Section 38505(g), for purposes of administering many of the State's primary GHG emissions reduction programs, GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3). (See also CEQA Guidelines, Section 15364.5.) Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, CO_2 and CH_4 are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption potential than CO_2,

include fluorinated gases, such as HFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[6]

Carbon Dioxide. CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are from the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

Methane. CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (e.g., rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric ozone-depleting substances (e.g., chlorofluorocarbons [CFCs], hydrochlorofluorocarbons [HCFCs], and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to ozone-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the ozone depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

Chlorofluorocarbons. CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.

[6] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), CARB's "Glossary of Terms Used in GHG Inventories" (2015a), and EPA's "Glossary of Climate Change Terms" (2016c).

Hydrochlorofluorocarbons. HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of fine particulate matter, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify the global warming potential. Diesel particulate matter emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining diesel particulate matter from the CARB's regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

Ozone. Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (EPA 2017). The Intergovernmental Panel on Climate Change (IPCC) developed the global warming potential (GWP) concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons (MT) of carbon dioxide equivalent (CO_2e).The current version of California Emissions Estimator Model (CalEEMod) (Version 2020.4.0) assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the IPCC Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the Project.

3.2 Regulatory Setting

3.2.1 Federal Regulations

Massachusetts v. EPA. In *Massachusetts v. EPA* (April 2007), the U.S. Supreme Court directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In December 2009, the administrator signed a final rule with the following two distinct findings regarding GHGs under Section 202(a) of the federal Clean Air Act:

- The Administrator found that elevated concentrations of GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is the "endangerment finding."
- The Administrator further found the combined emissions of GHGs—CO_2, CH_4, N_2O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act.

Energy Independence and Security Act of 2007. The Energy Independence and Security Act of 2007 (December 2007), among other key measures, would do the following, which would aid in the reduction of national GHG emissions (EPA 2007):

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020, and directs National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy-efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

Federal Vehicle Standards. In *Massachusetts v. EPA* (April 2007), the U.S. Supreme Court directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In December 2009, the administrator signed a final rule with the following two distinct findings regarding GHGs under section 202(a) of the federal Clean Air Act:

- The administrator found that elevated concentrations of GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is the "endangerment finding."

- The administrator further found that the combined emissions of GHGs—CO_2, CH_4, N_2O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act (42 U.S.C. § 7401).

In 2007, in response to the *Massachusetts v. EPA* U.S. Supreme Court ruling, the Bush Administration issued Executive Order (EO) 13432 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011; and, in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012 through 2016 (75 Fed. Reg. 25324–25728).

In 2010, President Obama issued a memorandum directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017 through 2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017 through 2021 (77 Fed. Reg. 62624–63200). On January 12, 2017, the EPA finalized its decision to maintain the current GHG emissions standards for model years 2022–2025 cars and light trucks.

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014 through 2018. The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6% to 23% over the 2010 baselines (76 Fed. Reg. 57106–57513).

In August 2016, the EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all sizes of buses and work trucks. The final standards are expected to lower CO_2 emissions by approximately 1.1 billion MT and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

In August 2018, EPA and NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks and establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards then in place, the 2018 proposal would increase U.S. fuel consumption by about half a million barrels per day (2% to 3% of total daily consumption, according to the Energy Information Administration) and would impact the global climate by 3/1000th of one degree Celsius by 2100 (EPA and NHTSA 2018). California and other states have stated their intent to challenge federal actions that would delay or eliminate GHG reduction measures and have committed to cooperating with other countries to implement global climate change initiatives.

In 2019, the EPA and NHTSA published the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program (SAFE-1), which revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle (ZEV) mandates in California. In March 2020, Part Two was issued which set CO2 emissions standards and corporate average fuel economy standards for passenger vehicles and light-duty trucks for model years 2021 through 2026. In March 2022, EPA reinstated California's authority under the Clean Air Act to implement its own GHG emission standards and ZEV sales mandate. EPA's March 2022 action concludes its reconsideration of the 2019 SAFE-1 rule by finding that the actions taken under the previous administration as a part of SAFE-1 were decided in error and are now entirely rescinded.

3.2.2 State Regulations

The statewide GHG emissions regulatory framework is summarized below by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, solid waste, water, and other state regulations and goals. The following text describes EOs, Assembly Bills (ABs), Senate Bills (SBs), and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

State Climate Change Targets

The state has taken a number of actions to address climate change. These include EOs, legislation, and CARB plans and requirements. These are summarized below.

EO S-3-05. EO S-3-05 (June 2005) established California's GHG emissions reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO established the following targets:

- By 2010, reduce GHG emissions to 2000 levels
- By 2020, reduce GHG emissions to 1990 levels
- By 2050, reduce GHG emissions to 80% below 1990 levels

EO S-3-05 also directed the California Environmental Protection Agency to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry. The Climate Action Team was formed, which subsequently issued reports from 2006 to 2010 (CAT 2016).

SB 32 and AB 197. SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, in order to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and, requires CARB to identify specific information for GHG emissions reduction measures when updating the scoping plan.

EO B-30-15. EO B-30-15 (April 2015) identified an interim GHG reduction target in support of targets previously identified under S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update the Scoping Plan to express the 2030 target in terms of million metric tons (MMT) CO_2e. The EO also called for state agencies to continue to develop and implement GHG emission reduction programs in support of the reduction targets.

EO B-55-18. EO B-55-18 (September 2018) establishes a new statewide goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." This EO directs CARB to "work with relevant state agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal."

Assembly Bill 1279. The Legislature enacted AB 1279, the California Climate Crisis Act, in September 2022. The bill declares the policy of the state to achieve net zero GHG emissions as soon as possible, but no later than 2045, and achieve and maintain net negative GHG emissions thereafter. Additionally, the bill requires that by 2045, statewide anthropogenic GHG emissions be reduced to at least 85% below 1990 levels. Although AB 1279 establishes an overall policy to achieve net zero greenhouse gas emissions as soon as possible, but no later than 2045, recognizing the need to implement carbon dioxide removal and carbon capture, utilization and storage technologies, the Legislature established a specific target of 85% below 1990 levels by 2045 for anthropogenic GHG emissions. Therefore, the net zero target does not directly apply to development projects, but the 2045 target of 85% below 1990 levels represents the reductions required to contribute to accomplishing the State's overall net zero policy.

AB 32 and California Air Resources Board's Climate Change Scoping Plan. One specific requirement of AB 32 was for CARB to prepare a scoping plan for achieving the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (Health and Safety Code Section 38561[a]), and to update the plan at least once every 5 years. In 2008, CARB approved the first scoping plan. The Climate Change Scoping Plan: A Framework for Change (Scoping Plan) included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs calculated to meet the 2020 statewide GHG emissions limit and initiate the transformations needed to achieve the state's long-range climate objectives. The key elements of the Scoping Plan include the following (CARB 2008):

1. Expanding and strengthening existing energy efficiency programs, as well as building and appliance standards.
2. Achieving a statewide renewable energy mix of 33%.
3. Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system and caps sources contributing 85% of California's GHG emissions.
4. Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets.
5. Adopting and implementing measures pursuant to existing state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard (17 CCR 95480 et seq.).
6. Creating targeted fees, including a public goods charge on water use, fees on high GWP gases, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation.

The Scoping Plan also identified local governments as essential partners in achieving California's goals to reduce GHG emissions because they have broad influence and, in some cases, exclusive authority over activities that contribute to significant direct and indirect GHG emissions through their planning and permitting processes, local ordinances, outreach and education efforts, and municipal operations. Specifically, the Scoping Plan encouraged local governments to adopt a reduction goal for municipal operations, and for community emissions to reduce GHGs by approximately 15% from then levels (2008) by 2020. Many local governments developed community-scale local GHG reduction plans based on this Scoping Plan recommendation.

In 2014, CARB approved the first update to the Scoping Plan. The First Update to the Climate Change Scoping Plan: Building on the Framework (First Update) defined the state's GHG emission reduction priorities for the next 5 years, and laid the groundwork to start the transition to the post-2020 goals set forth in EO S-3-05 and EO B-16-2012. The First Update concluded that California is on track to meet the 2020 target but recommended a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The First Update recommended a mix of technologies in key economic sectors to reduce emissions through 2050, including energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and the rapid market penetration of efficient and clean energy technologies. As part of the First Update, CARB recalculated the state's 1990 emissions level, using more recent GWPs identified by the IPCC, from 427 MMT CO_2e to 431 MMT CO_2e (CARB 2014).

In 2015, as directed by EO B-30-15, CARB began working on an update to the Scoping Plan to incorporate the 2030 target of 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in EO S-3-05. The governor called on California to pursue a new and ambitious set of strategies, in line with the five climate change pillars from his inaugural address, to reduce GHG emissions and prepare for the unavoidable impacts of climate change. In the summer of 2016, the legislature affirmed the importance of addressing climate change through passage of SB 32.

In December 2017, CARB adopted California's 2017 Climate Change Scoping Plan (2017 Scoping Plan) for public review and comment (CARB 2017). The 2017 Scoping Plan builds on the successful framework established in the initial Scoping Plan and First Update while identifying new, technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target as established by SB 32 and define the state's climate change priorities to 2030 and beyond. The strategies' commitments include implementing renewable energy and energy efficiency strategies (including the mandates of SB 350), increasing stringency of the Low Carbon Fuel Standard, implementing measures identified in the Mobile Source and Freight Strategies, implementing measures identified in the proposed Short-Lived Climate Pollutant Reduction Strategy, and increasing stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, it recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

For local governments, the 2017 Scoping Plan replaced the initial Scoping Plan's 15% reduction goal with a recommendation to aim for a community-wide goal of no more than 6 MT CO_2e per capita by 2030, and no more than 2 MT CO_2e per capita by 2050, which are consistent with the state's long-term goals. These goals are also consistent with the Under 2 Memorandum of Understanding (Under 2 2016) and the Paris Agreement, which are developed around the scientifically based levels necessary to limit global warming to below 2°C. The 2017 Scoping Plan recognized the benefits of local government GHG planning (e.g., through CAPs) and provided more information

regarding tools CARB is working on to support those efforts. It also recognized the CEQA streamlining provisions for project-level review where there is a legally adequate CAP.[7]

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32, SB 32, and the executive orders, and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. A project is considered consistent with the statutes and executive orders if it meets the general policies in reducing GHG emissions to facilitate the achievement of the state's goals and does not impede attainment of those goals. A project would be consistent if it will further the objectives and not obstruct their attainment.

CARB adopted the 2022 Scoping Plan Update in December 2022, which outlines the state's plan to reach carbon neutrality by 2045 or earlier, while also assessing the progress the state is making toward reducing GHG emissions by at least 40% below 1990 levels by 2030, as is required by SB 32 and laid out in the Second Update. The carbon neutrality goal requires CARB to expand proposed actions from only the reduction of anthropogenic sources of GHG emissions to also include those that capture and store carbon (e.g., through natural and working lands, or mechanical technologies). The carbon reduction programs build on and accelerate those currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines); and scaling up new options such as green hydrogen (CARB 2022b).

The 2022 Scoping Plan also emphasizes that there is no realistic path to carbon neutrality without carbon removal and sequestration, and to achieve the state's carbon neutrality goal, carbon reduction programs must be supplemented by strategies to remove and sequester carbon. Strategies for carbon removal and sequestration include carbon capture and storage from anthropogenic point sources, where CO_2 is captured as it leaves a facility's smokestack and is injected into geologic formations or used in industrial materials (e.g., concrete); and carbon dioxide removal from ambient air, through mechanical (e.g., direct air capture with sequestration) or nature-based (e.g., management of natural and working lands) applications.

The 2022 Scoping Plan included Appendix D, Local Actions, which includes recommendations intended to build momentum for local government actions that align with the State's climate goals, with a focus on local GHG reduction strategies (commonly referred to as climate action planning) and approval of new land use development projects, including through environmental review under CEQA. The recommendations provided in Appendix D are non-binding and should not be interpreted as a directive to local governments, but rather as evidence-based analytical tools to assist local governments with their role as essential partners in achieving California's climate goals. Appendix D recognizes consistency with a CEQA-qualified GHG reduction plan such as a Climate Action Plan as a preferred option for evaluating potential GHG emission impacts under CEQA. Absent a qualified GHG reduction plan, Appendix D provides additional potential threshold options including key attributes that residential and mixed-use projects should achieve that would align with the State's climate goals, a net-zero threshold, and use of air district recommended thresholds of significance.8

[7] *Sierra Club v. County of Napa* (2004) 121 Cal.App.4th 1490; *San Francisco Tomorrow et al. v. City and County of San Francisco* (2015) 229 Cal.App.4th 498; *San Franciscans Upholding the Downtown Specific Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656; *Sequoyah Hills Homeowners Assn. v. City of Oakland* (1993) 23 Cal.App.4th 704, 719.

[8] The threshold approaches outlined in the 2022 Scoping Plan, Appendix D, are recommendations only and are not requirements; they do not supplant lead agencies' discretion to develop their own evidence-based approaches for determining whether a project would have a potentially significant impact on GHG emissions.

SB 605 and SB 1383. SB 605 (2014) required CARB to complete a comprehensive strategy to reduce emissions of short-lived climate pollutants (SLCPs) in the state; and SB 1383 (2016) required CARB to approve and implement that strategy by January 1, 2018. SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for methane and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon), and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its *Short-Lived Climate Pollutant Reduction Strategy* (*SLCP Reduction Strategy*) in March 2017. The *SLCP Reduction Strategy* establishes a framework for the statewide reduction of emissions of black carbon, methane, and fluorinated gases (CARB 2017c).

Building Energy

Title 24, Part 6. Title 24 of the California Code of Regulations was established in 1978 and serves to enhance and regulate California's building standards. While not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every few years by the Building Standards Commission and the California Energy Commission (CEC) (and revised if necessary) (California Public Resources Code, Section 25402[b][1]). The regulations receive input from members of industry, as well as the public, with the goal of "reducing of wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (California Public Resources Code, Section 25402). These regulations are carefully scrutinized and analyzed for technological and economic feasibility (California Public Resources Code, Section 25402[d]) and cost effectiveness (California Public Resources Code, Sections 25402[b][2] and [b][3]). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The 2022 Title 24 standards are the currently applicable building energy efficiency standards, and became effective on January 1, 2023. The 2022 Title 24 standards improve upon the 2019 standards for new construction of, and additions and alterations to, residential and nonresidential buildings. The CEC adopted the 2022 Title 24 Energy Code in August 2021 and the California Building Standards Commission approved incorporating the updated code into the California Building Standards Code (CALGreen) in December 2021. The 2022 Energy Code went into effect on January 1, 2023. The 2022 Energy Code focuses on four key areas in newly constructed homes and businesses:

- Encouraging electric heat pump technology for space and water heating, which consumes less energy and produces fewer emissions than gas-powered units.
- Establishing electric-ready requirements for single-family homes to position owners to use cleaner electric heating, cooking, and electric vehicle (EV) charging options whenever they choose to adopt those technologies.
- Expanding solar photovoltaic (PV) system and battery storage standards to make clean energy available onsite and complement the state's progress toward a 100% clean electricity grid.
- Strengthening ventilation standards to improve indoor air quality.

Title 24, Part 11. In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as California's Green Building Standards (CALGreen), and establishes minimum mandatory standards and voluntary standards pertaining to the planning and design of sustainable site development, energy

efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential and state-owned buildings and schools and hospitals. The CALGreen 2022 standards, which are the current standards, became effective January 1, 2023..

Title 20. Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency. The CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low-voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations and appliances must meet the standards for energy performance, energy design, water performance and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

SB 1. SB 1 (Murray) (August 2006) established a $3 billion rebate program to support the goal of the state to install rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections to the Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for photovoltaic systems to meet minimum energy efficiency levels and performance requirements. Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry. The goals included establishing solar energy systems as a viable mainstream option for both homes and businesses within 10 years of adoption, and placing solar energy systems on 50% of new homes within 13 years of adoption. SB 1, also termed "Go Solar California," was previously titled "Million Solar Roofs."

Renewable Energy and Energy Procurement

SB 1078. SB 1078 (Sher) (September 2002) established the Renewable Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and S-21-09).

SB 1368. SB 1368 (September 2006), required the CEC to develop and adopt regulations for GHG emission performance standards for the long-term procurement of electricity by local publicly owned utilities. These standards must be consistent with the standards adopted by the California Public Utilities Commission (CPUC).

AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general-purpose lighting, to reduce electricity consumption 50% for indoor residential lighting and 25% for indoor commercial lighting.

EO S-14-08. EO S-14-08 (November 2008) focused on the contribution of renewable energy sources to meet the electrical needs of California while reducing the GHG emissions from the electrical sector. This EO required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. Furthermore, the

EO directed state agencies to take appropriate actions to facilitate reaching this target. The California Natural Resources Agency (CNRA), through collaboration with the CEC and California Department of Fish and Wildlife (formerly the California Department of Fish and Game), was directed to lead this effort.

EO S-21-09 and SBX1-2. EO S-21-09 (September 2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with the CPUC and CEC to ensure that the regulation builds upon the RPS program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health and can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard. However, this regulation was not finalized because of subsequent legislation (SB X1-2, Simitian, statutes of 2011) signed by Governor Brown in April 2011.

SB X1 2 expanded the Renewables Portfolio Standard by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, photovoltaic, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location.

SB X1-2 applies to all electricity retailers in the state including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All of these entities must meet the renewable energy goals previously listed.

SB 350. SB 350 (October 2015, Clean Energy and Pollution Reduction Act) further expanded the RPS by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. In addition, SB 350 included the goal to double the energy efficiency savings in electricity and natural gas final end uses (e.g., heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers through energy conservation and efficiency. The bill also requires the California Public Utilities Commission, in consultation with the CEC, to establish efficiency targets for electrical and gas corporations consistent with this goal. Regarding mobile sources, as one of its elements, SB 350 establishes a statewide policy for widespread electrification of the transportation sector, recognizing that such electrification is required for achievement of the state's 2030 and 2050 reduction targets (see California Public Utilities Code Section 740.12).

SB 100. SB 100 (2018) increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. This bill requires that the achievement of 100% zero-carbon electricity resources do not increase the carbon emissions elsewhere in the western grid and that the achievement not be achieved through resource shuffling.

Mobile Sources

State Vehicle Standards (AB 1493 and EO B-16-12). AB 1493 (July 2002) was enacted in a response to the transportation sector accounting for more than half of California's CO_2 emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by the state board to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of zero-emissions vehicles. It ordered CARB, CEC, California Public Utilities Commission, and other relevant agencies to work with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 established a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare.

EO S-1-07. EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining LCFS for GHG emissions measured in CO_2e grams per unit of fuel energy sold in California. The target of the LCFS is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel, including extraction/feedstock production, processing, transportation, and final consumption, per unit of energy delivered.

SB 375. SB 375 (Steinberg) (September 2008) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035 and to update those targets every 8 years. SB 375 requires the state's 18 regional metropolitan planning organizations (MPOs) to prepare a Sustainable Communities Strategy (SCS) as part of their Regional Transportation Plan (RTP) that will achieve the GHG reduction targets set by CARB. If a MPO is unable to devise an SCS to achieve the GHG reduction target, the MPO must prepare an Alternative Planning Strategy demonstrating how the GHG reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

Pursuant to California Government Code Section 65080(b)(2)(K),an SCS does not: (i) regulate the use of land; (ii) supersede the land use authority of cities and counties; or (iii) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it (California Government Code Section 65080[b][2][K]). Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process.

SANDAG serves as the MPO for the San Diego region and is responsible for developing and adopting a SCS that integrates transportation, land use, and housing to meet GHG reduction targets set by CARB. The RTP/SCS is updated every 4 years in collaboration the 18 cities and unincorporated County of San Diego, in addition to regional, state, and federal partners. The most recent, *San Diego Forward: The 2021 Regional Plan* was adopted in 2021 and provides guidance on meeting or exceed GHG targets through implementation of five key transportation strategies, including complete corridors, high-speed transit services, mobility hubs, flexible fleets, and a digital platform to tie the transportation system together. Through these strategies, the *2021 Regional Plan* is projected

to reduce per capita GHG emissions from cars and light-duty trucks to 20% below 2005 levels by 2035, exceeding the regions state-mandated target of 19% (SANDAG 2021).

Advanced Clean Cars Program and Zero-Emissions Vehicle Program. The Advanced Clean Cars (ACC) I program (January 2012) is an emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package of regulations: the Low-Emission Vehicle (LEV) regulation for criteria air pollutant and GHG emissions and a technology forcing regulation for zero-emission vehicles (ZEV) that contributes to both types of emission reductions (CARB 2021a). The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75 percent less smog-forming pollution than the average new car sold in 2015. The ZEV program will act as the focused technology of the ACC I program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid EVs in the 2018 to 2025 model years.

The ACC II program is currently in development to establish the next set of LEV and ZEV requirements for model years after 2025 to contribute to meeting federal ambient air quality ozone standards and California's carbon neutrality standards (CARB 2021a). The main objectives of ACC II are:

1. Maximize criteria and GHG emission reductions through increased stringency and real-world reductions.

2. Accelerate the transition to ZEVs through both increased stringency of requirements and associated actions to support wide-scale adoption and use.

The ACC II program establishes the next set of LEV and ZEV requirements for model years after 2025 to contribute to meeting federal ambient air quality ozone standards and California's carbon neutrality standards (CARB 2022c). The ACC II rulemaking package also considers technological feasibility, environmental impacts, equity, economic impacts, and consumer impacts. The ACC II regulations were approved by the California Office of Administrative Law (OAL) and became effective on November 30, 2022.

EO N-79-20. EO N-79-20 (September 2020) requires CARB to develop regulations as follows: (1) Passenger vehicle and truck regulations requiring increasing volumes of new ZEVs sold in the State towards the target of 100% of in-state sales by 2035; (2) medium- and heavy-duty vehicle regulations requiring increasing volumes of new zero-emission trucks and buses sold and operated in the State towards the target of 100% of the fleet transitioning to zero-emission vehicles by 2045 everywhere feasible and for all drayage trucks to be zero emission by 2035; and (3) strategies, in coordination with other State agencies, the EPA and local air districts, to achieve 100% zero-emission from off-road vehicles and equipment operations in the State by 2035. EO N-79-20 called for the development of a Zero-Emissions Vehicle Market Development Strategy, which was released February 2021, to be updated every 3 years, that ensures coordination and implementation of the EO and outlines actions to support new and used ZEV markets. The primary mechanism for achieving the ZEV target for passenger cars and light trucks is the Advanced Clean Cars II (ACCII) Program, approved in August 2022. In addition to ACC II, the Clean Miles Standard regulation will also help enable the goal of 100 percent ZEV sales in 2035 by creating demand for ZEVs. This regulation will have aggressive requirements for electric miles that will transition ride-hailing fleets to zero-emission operations starting in 2023 and ramping up through 2030. This regulation was approved by the Board in 2021.

Advanced Clean Trucks Regulation. The Advanced Clean Trucks (ACT) Regulation was also approved by CARB in 2020. The purpose of the ACT Regulation is to accelerate the market for zero-emission vehicles in the medium- and heavy-duty truck sector and to reduce air pollutant emissions generated from on-road mobile sources (CARB 2021b). The regulation has two components including (1) a manufacturer sales requirement and (2) a reporting requirement:

1. Zero-emission truck sales: Manufacturers who certify Class 2b-8 chassis or complete vehicles with combustion engines will be required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales would need to be 55% of Class 2b – 3 truck sales, 75% of Class 4 – 8 straight truck sales, and 40% of truck tractor sales.

Company and fleet reporting: Large employers including retailers, manufacturers, brokers and others will be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, will be required to report about their existing fleet operations. This information will help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

Water

EO B-29-15. In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources has modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increases the requirements for landscape water use efficiency and broadens its applicability to include new development projects with smaller landscape areas.

EO B-37-16. Issued May 2016, EO B-37-16 directed the State Water Resources Control Board (SWRCB) to adjust emergency water conservation regulations through the end of January 2017 to reflect differing water supply conditions across the state. The SWRCB also developed a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The SWRCB and Department of Water Resources will develop new, permanent water use targets that build upon the existing state law requirements that the state achieve 20% reduction in urban water usage by 2020. EO B-37-16 also specifies that the SWRCB permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.

EO N-10-21. In response to a state of emergency due to severe drought conditions, EO N-10-21 (July 2021) called on all Californians to voluntarily reduce their water use by 15% from their 2020 levels. Actions suggested in EO N-10-21 include reducing landscape irrigation, running dishwashers and washing machines only when full, finding and fixing leaks, installing water-efficient showerheads, taking shorter showers, using a shut-off nozzle on hoses, and taking cars to commercial car washes that use recycled water.

Solid Waste

AB 939, AB 341, AB 1826, and SB 1383. In 1989, AB 939, known as the Integrated Waste Management Act (California Public Resources Code, Sections 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board, which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by the year 2000.

AB 341 (Chapter 476, Statutes of 2011 [Chesbro]) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by the year 2020, and annually thereafter. In addition, AB 341 required the California Department of Resources Recycling and Recovery (CalRecycle) to develop strategies to achieve the state's policy goal. CalRecycle has conducted multiple workshops and published documents that identify priority strategies that it believes would assist the state in reaching the 75% goal by 2020. AB 341 sets a statewide goal for 75 percent disposal reduction by the year 2020. This is not written as a 75 percent diversion mandate for each jurisdiction. The 50 percent disposal reduction mandate still stands for cities, counties, and State agencies (including community colleges) under AB 939 and AB 75, respectively. CalRecycle will continue to evaluate program implementation as it has in the past through the Annual Report review process for entities subject to either AB 939 or AB 75. Similarly, AB 341 does not mandate a diversion goal for businesses, it simply requires that they implement a commercial recycling program.

AB 1826 (Chapter 727, Statutes of 2014, effective 2016) requires businesses to recycle their organic waste (i.e., food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste) depending on the amount of waste they generate per week. This law also requires local jurisdictions across the state to implement an organic waste recycling program to divert organic waste generated by businesses, including multifamily residential dwellings that consist of five or more units. The minimum threshold of organic waste generation by businesses decreases over time, which means an increasingly greater proportion of the commercial sector will be required to comply.

SB 1383 (2016) requires a 50% reduction in organic waste disposal from 2014 levels by 2020, and a 75% reduction by 2025—essentially requiring the diversion of up to 27 million tons of organic waste—to reduce GHG emissions. SB 1383 also requires that not less than 20% of edible food that is currently disposed be recovered for human consumption by 2025.

Other State Actions

SB 97. SB 97 (Dutton) (August 2007) directed the Governor's Office of Planning and Research to develop guidelines under CEQA for the mitigation of GHG emissions. In 2008, the Governor's Office of Planning and Research issued a technical advisory as interim guidance regarding the analysis of GHG emissions in CEQA documents. The advisory indicated that the lead agency should identify and estimate a project's GHG emissions, including those associated with vehicular traffic, energy consumption, water usage, and construction activities (OPR 2008). The advisory further recommended that the lead agency determine significance of the impacts and impose all mitigation measures necessary to reduce GHG emissions to a level that is less than significant. The CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4(a)). The Guidelines require a lead agency to consider the extent to which the Project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)). The Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures. The adopted amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. The CNRA also acknowledges that a lead agency may consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009a).

With respect to GHG emissions, the CEQA Guidelines state in Section 15064.4(a) that lead agencies should "make a good faith effort, to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines note that an agency may identify emissions by either selecting a "model or methodology" to quantify the emissions or by relying on "qualitative analysis or other performance-based standards" (14 CCR 15064.4(a)). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)).

EO S-13-08. EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009 (CNRA 2009b), and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014 (CNRA 2014). To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: Agriculture, Biodiversity and Habitat, Emergency Management, Energy, Forestry, Ocean and Coastal Ecosystems and Resources, Public Health, Transportation, and Water. Issuance of the Safeguarding California: Implementation Action Plans followed in March 2016 (CNRA 2016). In January 2018, the CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency (CNRA 2018).

3.2.3 Local Regulations

3.2.3.1 San Diego County Air Pollution Control District

The SDAPCD does not have established GHG rules, regulations, or policies.

3.2.3.2 City of San Marcos

City of San Marcos Climate Action Plan

The City adopted its CAP on December 8, 2020 (City of San Marcos 2020). The CAP acts as a roadmap to address challenges of climate change within the City. The CAP builds on the efforts and strategies identified in the City's 2013 CAP and establishes GHG emission reduction targets and identifies achievable, locally based actions to reduce GHG emissions from municipal and community activities. The CAP includes a baseline GHG emissions inventory for 2012, GHG emissions forecasts for 2020 and 2030, local GHG emissions reduction strategies and measures to help the City achieve the 2030 target, climate adaptation measures for the City, and implementation and monitoring mechanisms to ensure the City's measures and targets are achieved. The CAP established GHG emissions reduction goals of 4% below 2012 levels by 2020 and 42% below 2012 levels by 2030 (City of San Marcos 2020). The CAP was prepared in accordance with the requirements within CEQA Guidelines Section 15183.5, and the CAP Consistency Checklist was used to evaluate the Project's significance with respect to GHG emissions.

City of San Marcos General Plan

The City's General Plan (City of San Marcos 2012) includes various policies related to reducing Air Quality and GHG emissions. Applicable policies include the following:

Land Use and Community Design Element

Policy LU-2.1: Promote compact development patterns that reduce air pollution and automobile dependence and facilitate walking, bicycling, and transit use.

Policy LU-2.3: Promote landscaping (e.g., native, drought tolerant plants) that minimizes demands on water supply.

Policy LU-2.7: Promote the instillation of trees to reduce the urban heat-island effect and green infrastructure to reduce storm water runoff.

Policy LU-3.1: Require that new development and redevelopment incorporate connections and reduce barriers between neighborhoods, transit corridors, and activity centers within the City.

Mobility Element

Policy M-2.1: Work with new development to design roadways that minimize traffic volumes and/or speed, as appropriate within residential neighborhoods; while maintaining the City's desire to provide connectivity on the roadway network.

Conservation and Open Space Element

Policy COS-4.5: Encourage energy conservation and the use of alternative energy sources within the community.

Policy COS-4.6: Promote efficient use of energy and conservation of available resources in the design, construction, maintenance and operation of public and private facilities, infrastructure and equipment.

Policy COS-4.8: Encourage and support the generation, transmission and use of renewable energy.

Policy COS-4.9: Encourage use and retrofitting of existing buildings under Title 24 of the California Building Energy Code.

3.3 Greenhouse Gas Inventories and Climate Change Conditions

3.3.1 Sources of Greenhouse Gas Emissions

Anthropogenic GHG emissions worldwide in 2019 (the most recent year for which data is available) totaled approximately 52,400 MMT of CO_2e, excluding land use change and forestry (PBL 2020). The top six GHG emitters include China, the United States, the Russian Federation, India, Japan, and the European Union, which accounted for approximately 62% of the total global emissions, or approximately 32,500 MMT CO_2e (PBL 2020).

Per the EPA Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990 to 2019 (EPA 2021c), total United States GHG emissions were approximately 6,558.3 MMT CO_2e in 2019 (EPA 2021c). The primary GHG emitted by human activities in the United States was CO_2, which represented approximately 80.1% of total GHG emissions (5,255.8 MMT CO_2e). The largest source of CO_2, and of overall GHG emissions, was fossil-fuel combustion, which accounted for approximately 92.4% of CO_2 emissions in 2019 (4,856.7 MMT CO_2e). Relative to 1990, gross United States GHG emissions in 2019 were 1.8% higher; however, the gross emissions were down from a high of 15.6% above 1990 levels in 2007. GHG emissions decreased from 2018 to 2019 by 1.7% (113.1 MMT CO_2e) and overall, net emissions in 2019 were 13% below 2005 levels (EPA 2021c).

According to California's 2000–2019 GHG emissions inventory (2021 edition), California emitted approximately 418 MMT CO2e in 2019, including emissions resulting from out-of-state electrical generation (CARB 2021c). The sources of GHG emissions in California include transportation, industry, electric power production from both in-state and out-of-state sources, residential and commercial activities, agriculture, high-GWP substances, and recycling and waste. Table 10 presents California GHG emission source categories and their relative contributions to the emissions inventory in 2019. Between 2000 and 2019, per-capita GHG emissions in California have dropped from a peak of 14.0 MT per person in 2001 to 10.5 MT per person in 2019, representing an approximate 25% decrease. In addition, total GHG emissions in 2019 were approximately 7 MMT CO_2e lower than 2018 emissions (CARB 2021c).

Table 10. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total
Transportation	166.1	39.7%
Industrial	88.2	21.1%
Electric power	58.8	14.1%
Commercial and residential	43.8	10.5%
Agriculture	31.8	7.6%
High global-warming potential substances	20.6	4.9%
Recycling and waste	8.9	2.1%
Totals	**418.2**	**100%**

Source: CARB 2021c.

Notes: GHG = greenhouse gas; GWP = global warming potential; MMT CO_2e = million metric tons of carbon dioxide equivalent.
Emissions reflect 2019 California GHG inventory.
Totals may not sum due to rounding.

The City has established a goal to reduce its community-wide GHG to reduce GHG emissions 40% below 1990 levels by 2030 (City of San Marcos 2020). The City's community-wide GHG emissions inventory for baseline year 2012 is presented in Table 10 for informational purposes.

Table 11. City of San Marcos (Year 2012) Communitywide Greenhouse Gas Emissions Inventory

Community Sector	Total MT CO_2e/year	CO_2e (%)
On-Road Transportation	322,000	54%
Electricity	162,000	27%
Natural Gas	75,000	12%
Solid Waste	15,000	3%
Off-Road Transportation	14,000	2%
Water	9,000	1%
Wastewater	3,000	<1%
Total	**599,000**	**100%**

Source: City of San Marcos 2020.
Note: GHG = greenhouse gas; MT CO_2e = metric tons of carbon dioxide equivalent per year
Totals may not sum due to rounding.

3.3.2 Potential Effects of Climate Change

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, and electricity demand and supply. The primary effect of global climate change has been a rise in average global tropospheric temperature. Reflecting the long-term warming trend since pre-industrial times, observed mean surface temperature for the decade 2006–2015 was 0.87°C (likely between 0.75°C and 0.99°C) higher than the average over the 1850–1900 period (IPCC 2018). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities are estimated to have caused approximately 1.0°C (1.8°F) of global warming above pre-industrial levels, with a likely range of 0.8°C to 1.2°C (1.4°F to 2.2°F) (IPCC 2018). Global warming is likely to reach 1.5°C (2.7°F) between 2030 and 2052 if it continues to increase at the current rate (IPCC 2018).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The Office of Environmental Health Hazard Assessment identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernible evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed, including an increase in annual average air temperature with record warmth from 2012 to 2016, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days and a decrease in heating degree days, and an increase in variability of statewide precipitation (OEHHA 2018).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed, such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2018).

Impacts of climate change on biological systems, including humans, wildlife, and vegetation, have also been observed, including climate change impacts on terrestrial, marine, and freshwater ecosystems. As with global observations, species responses include those consistent with warming: elevational or latitudinal shifts in range, changes in the timing of key plant and animal life cycle events, and changes in the abundance of species and in community composition. Humans are better able to adapt to a changing climate than plants and animals in natural ecosystems. Nevertheless, climate change poses a threat to public health, as warming temperatures and changes in precipitation can affect vector-borne pathogen transmission and disease patterns in California as well as the variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has been increasing.

The CNRA has released four California Climate Change Assessments (2006, 2009, 2012, and 2018), which have addressed the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, and ocean acidification, hypoxia, and warming. To address local and regional governments need for information to support action in their communities, the Fourth Assessment includes reports for nine regions of the state, including the San Diego Region, where the Project is located. Key projected climate changes for the San Diego Region include the following (CNRA 2019):

- Temperature is projected to increase substantially, along with mean temperature, heat wave frequency will increase, with more intensity and longer duration.
- Precipitation will remain highly variable but will change in character, with wetter winters, drier springs, and more frequent and severe droughts punctuated by more intense individual precipitation events.
- Wildfire risk will increase in the future as climate warms. The risk for large catastrophic wildfires driven by Santa Ana wind events will also likely increase as a result of a drier autumns leading to low antecedent precipitation before the height of the Santa Ana wind season.
- The sea level along San Diego County is expected to rise. High tides combined with elevated shoreline water levels produced by locally and distantly driven wind-driven waves will drive extreme events. Longer-term sea level will increase rapidly in the second half of the century and will be punctuated by short periods of storm-driven extreme sea levels that will imperil existing infrastructure, structures, and ecosystems with increasing frequency.

Agriculture. Some of the specific challenges faced by the agricultural sector and farmers include more drastic and unpredictable precipitation and weather patterns; extreme weather events that range from severe flooding to extreme drought, to destructive storm events; significant shifts in water availably and water quality; changes in pollinator lifecycles; temperature fluctuations, including extreme heat stress and decreased chill hours; increased risks from invasive species and weeds, agricultural pests and plant diseases; and disruptions to the transportation and energy infrastructure supporting agricultural production.

Biodiversity and Habitat. Specific climate change challenges to biodiversity and habitat include species migration in response to climatic changes, range shift and novel combinations of species; pathogens, parasites and disease; invasive species; extinction risks; changes in the timing of seasonal life-cycle events; food web disruptions; threshold effects (i.e., a change in the ecosystem that results in a "tipping point" beyond which irreversible damage or loss has occurred).

Energy. Specific climate change challenges for the energy sector include temperature, fluctuating precipitation patterns, increasing extreme weather events, and sea-level rise.

Forestry. The most significant climate change related risk to forests is accelerated risk of wildfire and more frequent and severe droughts. Droughts have resulted in more large-scale mortalities and combined with increasing temperatures have led to an overall increase in wildfire risks. Increased wildfire intensity subsequently increases public safety risks, property damage, fire suppression and emergency response costs, watershed and water quality impacts, and vegetation conversions.

Ocean and Coastal Ecosystems and Resources. Sea-level rise, changing ocean conditions, and other climate change stressors are likely to exacerbate long-standing challenges related to ocean and coastal ecosystems in addition to threatening people and infrastructure located along the California coastline and in coastal communities. Sea-level rise, in addition to more frequent and severe coastal storms and erosion, are threatening vital infrastructure such as roads, bridges, power plants, ports and airports, gasoline pipes, and emergency facilities, as well as negatively impacting the coastal recreational assets such as beaches and tidal wetlands.

Public Health. Climate change can impact public health through various environmental changes and is the largest threat to human health in the twenty-first century. Changes in precipitation patterns affect public health primarily through potential for altered water supplies, and extreme events such as heat, floods, droughts, and wildfires. Increased frequency, intensity, and duration of extreme heat and heat waves are likely to increase the risk of mortality due to heat-related illness, as well as exacerbate existing chronic health conditions. Other extreme weather events are likely to negatively impact air quality and increase or intensify respiratory illness, such as asthma and allergies.

Transportation. Although the transportation industry is a source of GHG emissions, it is also vulnerable to climate change risks. Increasing temperatures and extended periods of extreme heat threaten the integrity of the roadways and rail lines. High temperatures cause the road surfaces to expand, which leads to increased pressure and pavement buckling. High temperatures can also cause rail breakages, which could lead to train derailment. Other forms of extreme weather events, such as extreme storm events, can negatively impact infrastructure, which can impair movement of peoples and goods, or potentially block evacuation routes and emergency access roads. Increased wildfires, flooding, erosion risks, landslides, mudslides, and rockslides can all profoundly impact the transportation system and pose a serious risk to public safety.

Water. Climate change could seriously impact the timing, form, amount of precipitation, runoff patterns, and frequency and severity of precipitation events. Higher temperatures reduce the amount of snowpack and lead to earlier snowmelt, which can impact water supply availability, natural ecosystems, and winter recreation. Water supply availability during the intense dry summer months is heavily dependent on the snowpack accumulated during the winter time. Increased risk of flooding has a variety of public health concerns, including water quality, public safety, property damage, displacement, and post-disaster mental health problems. Prolonged and intensified droughts can also negatively groundwater reserves and result in increased overdraft and subsidence. The higher risk of wildfires can lead to increased erosion, which can negatively impact watersheds and result in poor water quality.

3.4 Significance Criteria and Methodology

3.4.1 Thresholds of Significance

The significance criteria used to evaluate the Project's GHG emissions impacts is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this GHG emissions analysis, the Project would have a significant environmental impact if it would (14 CCR 15000 et seq.):

1. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs?

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established thresholds for assessing whether the GHG emissions of a project, such as the Project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, while GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project-level under CEQA.

The CEQA Guidelines do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA (CNRA 2009a).

The City adopted the Final CAP on December 8, 2020. The CAP relies on a screening threshold of 500 MT CO_2e per year based on land use size and a CAP Consistency Checklist to determine whether a project's emissions would be consistent with GHG emissions estimated within the City's CAP. Projects that are consistent with the City's CAP, as determined through the CAP Consistency Checklist, would result in a less-than-significant cumulative impact regarding GHG emissions. If a project is not consistent with the City's CAP, as determined through the CAP Consistency Checklist, potentially significant cumulative GHG impacts would occur.

3.4.2 Approach and Methodology

3.4.2.1 Construction

CalEEMod Version 2020.4.0 was used to estimate potential Project-generated GHG emissions during construction. Construction of the Project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.4.2.1, are also applicable for the estimation of construction-related GHG emissions. As such, see Section 2.4.2.1 for a discussion of construction emissions calculation methodology and assumptions.

3.4.2.2 Operation

As with Air Quality, emissions from the operational phase of the Project were estimated using CalEEMod Version 2020.4.0. Operational year 2027 was assumed as the first full year after completion of Project construction.

Area Sources

CalEEMod was used to estimate GHG emissions from the Project's area sources, which include operation of gasoline-powered landscape maintenance equipment, which produce minimal GHG emissions. See Section 2.4.2.2, for a discussion of landscaping equipment emissions calculations.

Energy Sources

Title 24 of the California Code of Regulations serves to enhance and regulate California's building standards. The 2022 Title 24 standards are the currently applicable building energy efficiency standards, and became effective on January 1, 2023.. CalEEMod assumes compliance with the 2019 Title 24 code. Therefore, this is a conservative evaluation since the Project would be required to comply with the 2022 Title 24 standards, and each revision of the standards results in greater energy efficiency. The estimation of operational energy emissions for the Project were based on CalEEMod land use defaults and total area (i.e., square footage) of the Project's land use.

CalEEMod default energy intensity factors (CO_2, CH_4, and N_2O mass emissions per kilowatt-hour) for San Diego Gas and Electric (SDG&E) is based on the value for SDG&E's energy mix in 2021. These default intensity values were used for the Project analysis.

Mobile Sources

All details for criteria air pollutants discussed in Section 2.4.2.2 are also applicable for the estimation of operational mobile source GHG emissions.

Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the NHTSA and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the Project's motor vehicles. The effectiveness of fuel economy improvements was evaluated using the CalEEMod emission factors for motor vehicles in 2027 to the extent it was captured in EMFAC2017.

Solid Waste

The Project would generate solid waste, and therefore, result in CO_2e emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste for the Project.

Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the Project require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the Project requires the use of electricity for conveyance and treatment, and GHG emissions will be generated during wastewater treatment. Water consumption estimates for both indoor and outdoor water use and associated electricity consumption from water use and wastewater generation were estimated using CalEEMod default values. The electricity use for water supply, treatment, distribution, and wastewater treatment are based on the electricity intensity factors from CalEEMod for the County and the indoor and outdoor water use default values in CalEEMod. Regarding indoor water use, the Project would install low-flow water fixtures pursuant to CALGreen standards, which would reduce the Project's water consumption.

3.5 Impact Analysis

This section evaluates the GHG emissions impacts associated with the Project. The significance criteria described in Section 3.4.1, Thresholds of Significance, were used to evaluate impacts associated with the construction and operation of the Project.

Threshold 1: Would the Project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Threshold 2: Would the Project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

City of San Marcos' Climate Action Plan Consistency

This section evaluates the Project's impacts to GHG in accordance with the City's 2020 CAP Consistency Checklist. New discretionary development projects subject to CEQA review that emit less than 500 MT CO_2e annually would not contribute considerably to cumulative climate change impacts, as stated in the City's 2020 CAP Consistency Checklist, and therefore, would be considered consistent with the CAP and associated emissions projections.

For projects that are subject to CAP consistency review, the next step in determining consistency is to assess the project's consistency with the growth projections used in development of the CAP. This section allows the City to determine a project's consistency with the land use assumptions used in the CAP.

Step 1

Step 1 of the CAP Checklist determines land use consistency. Question 1 of Step 1 asks if a project is less than a certain size. It is deemed consistent with the City's CAP by emitting fewer than 500 MT CO_2e per year and would be

less than significant. In order to determine if the Project emits less than 500 MT CO_2e per year, construction and operational GHG emissions were quantified (as described in Section 3.4.2) and are summarized below.

Construction of the Project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles. CalEEMod was used to calculate the annual GHG emissions based on the construction scenario. On-site sources of GHG emissions include off-road equipment and off-site sources including trucks and worker vehicles. Table 12 presents construction emissions for the Project in 2024 through 2026 from on-site and off-site emission sources.

Table 12. Estimated Annual Construction Greenhouse Gas Emissions - Unmitigated

Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
2024	1,839.73	0.28	0.14	1,888.47
2025	710.24	0.08	0.03	720.61
2026	257.64	0.03	0.01	261.40
Total	**2,807.60**	**0.39**	**0.18**	**2,870.48**
Amortized Construction Emissions Over 30-years				*95.68*

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; <0.01 = reported value less than 0.01. See Appendix A for complete results. Totals may not add due to rounding.

As shown in Table 12, the estimated total GHG emissions during construction of would be approximately 2,870.48 MT CO_2e over the construction period. Estimated Project-generated construction emissions amortized over 30 years would be approximately 96 MT CO_2e per year. As with Project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the Project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions. Amortized construction emissions were added to operational emissions to be compared to the Project for this assessment.

CalEEMod was used to estimate potential operational GHG emissions from area sources (landscaping equipment), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment for the Project. Table 13 presents the net increase in GHG emissions from the Project.

Table 13. Estimated Annual Operational Greenhouse Gas Emissions

Emission Source	CO_2	CH_4	N_2O	CO_2e
	metric tons per year			
Area	2.45	<0.01	0	2.51
Energy	303.91	0.02	<0.01	305.22
Mobile	1,181.26	0.09	0.05	1,199.76
Solid waste	21.11	1.25	0	52.31
Water supply and wastewater	79.23	0.46	0.01	94.05
Total	**1,587.96**	**1.82**	**0.06**	**1,653.85**
Amortized Construction Emissions Over 30-Years				*95.68*
Project Operations + Amortized Construction Total				**1,749.53**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; <0.01 = reported value less than 0.01.

See Appendix A for complete results. Totals may not add due to rounding.
The values shown are the annual emissions reflected in the CalEEMod "mitigated" output in order to account for implementation of PDF-GHG-1 (PV panels) and consistency with regulations, specifically AB 939 (50% waste diversion) and CALGreen (low-flow fixtures requirement).

As shown in Table 13, the estimated GHG emissions from operation of the Project would be approximately 1,750 MT CO_2e per year, including amortized construction emissions. Pursuant to the City's 2020 CAP Consistency Checklist, since the Project would emit greater than 500 MT CO_2e per year, then CAP Step 1, Question 2 must be address as follows.

Step 1, Question 2 of Step 1 asks if the proposed project is consistent with the City's existing General Plan land use designation? No, the Project requires a General Plan Amendment and Rezone to change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to SPA. Pursuant to the City's 2020 CAP Consistency Checklist, since the Project is not consistent with the City's existing General Plan land use, then CAP Step 1, Question 3 must be address as follows.

Step 1, Question 3 of Step 1 states that for projects not consistent with the existing General Plan land use designation, does the project include a General Plan Amendment that would generate GHG emissions equal to or less than estimated emissions generated under the exiting designation?

Yes, the project would generate GHG emissions equal to or less than estimated emission generated under the existing designation as detailed below.

Table 14, Estimated Operational Greenhouse Gas Emissions, provides estimated GHG emissions from both the Fiscal Impact Study Alternative Land Use and Proposed Land Use Scenarios. For this analysis, and per City guidance, the existing parcels would be modeled based on the alternative project utilized in the Fiscal Impact Study (DTA 2023) for the project, which includes: 173-unit townhomes, 10,400 square feet of commercial retail, is 28,436 square feet of office building and 133 parking spaces. CalEEMod default values were utilized for alternative project land uses to develop representative emissions.

Table 14. Estimated Operational Greenhouse Gas Emissions

Emission Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Fiscal Impact Study Alternative Land Use Scenario				
Area	255.75	0.17	0.01	264.11
Energy (natural gas and electricity)	387.33	0.02	<0.01	389.00
Mobile	1,097.05	0.08	0.05	1,114.36
Solid waste	23.74	1.40	0	58.81
Water supply and wastewater	89.00	0.56	0.01	107.16
Amortized Construction Emissions Over 30-Years				**69.25**
Fiscal Impact Study Alternative Land Use Operational Emissions				**2,002.69**

Table 14. Estimated Operational Greenhouse Gas Emissions

Emission Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Proposed Land Use Scenario				
Project Operations + Amortized Construction Total (from Table 13)				1,749.53
Difference (Proposed Project - Existing)				-253.16

Detailed calculations are provided as Attachment B, CAP Checklist.

As shown in Table 14, the project would generate GHG emissions less than estimated emission generated under the Fiscal Impact Alternative Scenario. The difference between the Fiscal Impact Alternative Scenario use scenario emissions and the proposed land use scenario emissions is a reduction of 253 MT CO_2E per year.

Step 2

Step 2 of the CAP Checklist determines the project's consistency with the applicable strategies and measures of the CAP. As shown in Attachment B, CAP Checklist, the Project has demonstrated consistency with the applicable strategies and measures of the CAP as required by Step 2 of the CAP Checklist. Therefore, the Project is deemed consistent with the City's CAP and would be **less than significant**. The following summarizes the Checklist items as presented in Attachment B.

Checklist Item 1. Electric Vehicle Charging Stations (Measure T-2)

This checklist item applies to multi-family residential and non-residential projects. It asks if the project will install electric vehicle charging stations (Level 2 or better) in at least 5% of the total parking spaces provided on site.

The project would comply with this checklist item. The proposed multi-family residential project would include 501 total parking spaces, 25 of which would include EV charging stations. Charging stations will be installed in all garage parking stalls. The project would answer Yes to this question.

Checklist Item 2. Bicycle Infrastructure (Measure T-8)

This checklist item applies to residential and non-residential projects. It asks if the following conditions are met, would the project pay its fair-share contribution to bicycle infrastructure improvements of the following:

- Intersection or roadway segment improvements are proposed as part of the project.
- The City's General Plan Mobility Element identifies bicycle infrastructure improvements at any intersection(s) or roadway segment(s) that would be improved as part of the project.

The project would comply with this checklist item. The project will determine specific details based on discussions with the City regarding San Marcos Boulevard thru-way.

Accordingly, the proposed project would answer "Yes" to this question.

Checklist Item 3. Transportation Demand Management (Measure T-9)

This checklist item applies to residential and non-residential projects. Will the project develop and implement a Transportation Demand Management (TDM) Plan that includes, at a minimum, all of the TDM strategies listed below?

- Provide discounted monthly transit pass or provide at least 25 percent transit fare subsidy to residents/employees.
- Provide designated car-share, carpool, vanpool, and/or park-and-ride parking spaces.
- Provide pedestrian connections between all internal uses and to all existing or planned external streets around the project site(s).
- Provide secure bicycle parking spaces or bicycle racks, showers, and clothes lockers.
- Encourage telecommuting for employees (allow one telecommute day per week or compressed work weeks) or provide a telecommute work center with common office space and equipment available to residents.

-or

- Would the project implement and monitor for four (4) years a TDM program that demonstrates an alternative transportation (i.e. carpool, public transit, bicycle, walk, telecommute) mode share of at least 29 percent for all residents?

The proposed Project would not result in a VMT related impact, and therefore a TDM Plan is not required. The proposed project units are for sale units that would be managed by a HOA; therefore, the project providing discounted monthly transit passes to residents would not be sensible. Future tenants of the proposed commercial/retail space would be encouraged to provide employees with discounted monthly transit passes; however, that would be at the discretion of the tenant. Due to the shared parking agreement for the project site, as required by the City, the project does not designate car-share, carpool, vanpool and/or park-and-ride spaces; however, such could be provided with direction from the City. The project would provide pedestrian connections throughout all uses on-site and connection to adjacent sidewalks and existing roadways. The project would provide communal bicycle parking, and all living units would provide bicycle storage and showers. Telecommuting is resident and tenant-based but will be encouraged. The TDM Plan is a proposed condition of approval prior to building occupancy.

Accordingly, the proposed project would answer “Yes” to this question.

Checklist Item 4. Reduce Parking Near Transit (Measure T-12)

This checklist item applies to multi-family residential projects. If located within one-half mile of a major transit stop, would the project provide at least 27% fewer parking spaces than required for the same use based on the City’s municipal code parking requirements?

The project is not located within ½ mile of a major transit stop defined as a bus or light-rail station with fixed service and 10-minute minimum headways during peak hours. Therefore, the proposed project would answer “N/A” to this question.

Checklist Item 5. Water Heaters (Measure E-1)

This checklist item applies to residential projects and asks if the project would install one of, or a combination of, the following water heater types in place of natural gas water heaters:

- Electric heat pump water heater
- Instantaneous electric water heater
- Electric tank
- Solar water heater with heat pump water heater backup
- Solar water heater with electric tank backup

The project would comply with this checklist item. The project would install instantaneous electric water heaters without water tanks that would meet the requirements of this checklist item. The project would answer Yes to this checklist question.

Checklist Item 6. Photovoltaic Installation (Measure E-2)

This checklist item applies to non-residential projects. The item requires non-residential projects to install a minimum photovoltaic system of two watts per square foot of gross floor area.

The project would include 202 multi-family residential units and 10,400 square feet of commercial retail uses. Therefore, this checklist item would only apply to the 10,400 square feet of commercial retail use. Based on the 10,400 square feet of commercial retail uses the project would install a (10,400 x 2)/1,000 = 20.8 kW solar photovoltaic system. The project would answer Yes to this checklist question.

Checklist Item 7. Landscaping Water Use (Measure W-1)

This checklist item applies to residential and non-residential projects and asks if the project would comply with the City's Water Efficient Landscape Ordinance.

The proposed project would comply with this checklist item. The project's landscaping would meet the requirements within the City's Water Efficient Landscape Ordinance. Per San Marcos Municipal Code Section 20.330.020 water efficient landscape standards are applicable to new construction with an aggregate landscape area equal to or greater than 500 sqft, The Project will include landscape area greater than 500 sqft, approximately 87,500 sqft. Accordingly, the proposed project would answer "Yes" to this question.

Checklist Item 8. Urban Tree Canopy (Measure C-2)

This checklist item applies to residential and non-residential projects and asks if the project is providing more than 10 parking spaces, will the project plant at least one tree per five parking spaces provided?

The project would comply with this checklist item. The project is providing 501 parking spaces and will plant at least 97 trees to satisfy this checklist requirement. As detailed on the Project landscape plan, the project would include a total of 243 trees. Accordingly, the proposed project would answer "Yes" to this question.

Plan, Policy or Regulation Consistency

Numerous plans, policies, and regulations have been adopted for the purpose of reducing GHG emissions. The principal overall state plan and policy are AB 32 and the follow-up legislation, SB 32. The quantitative goal of AB 32 is to reduce GHG emissions to 1990 levels by 2020 and the goal of SB 32 is to reduce GHG emissions to 40% below 1990 levels by 2030. The City's CAP outlines the measures for the City to achieve its share of state GHG reductions. As discussed above, the project would be consistent with the CAP and, therefore, would be consistent with state GHG reduction goals.

At the regional level, the SANDAG's RTP/SCS has been adopted for the purpose of reducing GHG emissions attributable to passenger vehicles in the San Diego region. In October 2015, SANDAG adopted its Regional Plan, which was subsequently updated in 2021. The RTP/SCS is not directly applicable to the Project because the underlying purpose of the RTP/SCS is to provide direction and guidance on future regional growth (i.e., the location of new residential and nonresidential land uses) and transportation patterns throughout the City and greater San Diego County, as stipulated under Senate Bill 375. CARB has recognized that the approved RTP/SCS is consistent with Senate Bill 375. The SANDAG Regional Plan is generally consistent with the local government plans. As discussed in Section 2.5, Threshold 1, as presented in the July 2021, General Plan Housing Element, the most recent Regional Housing Needs Assessment (RHNA) from SANDAG stated that San Marcos's share of regional future housing needs is 3,116 new units between April 15,2021, and April 15, 2029. As of June 30, 2020, 546 housing units have been planned or approved for development, with 2,570 units remaining needed to be developed in the City. The Project is expected to bring 202 units to market in 2027 which would be within SANDAG's growth projection for housing during the 6th Cycle planning horizon. Since the Project is within the scope of development that was anticipated in the General Plan (see Section 2.5, Threshold 1), it would not result in growth that would conflict with the Regional Plan.

Based on the preceding considerations, the Project would not conflict with an applicable plan adopted for the purpose of reducing GHG emissions, or generate GHG emissions that would have a significant impact on the environment; therefore, the Project's impacts on GHG emissions would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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5 List of Preparers

David Larocca, Air Quality Specialist

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Appendix A

CalEEMod Output Files

San Marcos Restaruant Row Project - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

San Marcos Restaruant Row Project

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.10	Acre	2.10	91,476.00	0
Parking Lot	91.00	Space	0.82	36,400.00	0
City Park	1.10	Acre	1.10	47,916.00	0
Apartments Mid Rise	202.00	Dwelling Unit	5.32	202,000.00	578
Strip Mall	10.40	1000sqft	0.24	10,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	539.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on applicant provided information

Construction Phase - Based on applicant provided information

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

San Marcos Restaruant Row Project - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Defualt values

Trips and VMT - Trips rounded up to nearest even number to include arrival and departure trips. Grading haul trips based on CalEEMod default of 16 CY per truck.

Demolition - Demo includes 63,484 sqft of existing buildings and removal of 376,358 sqft of existing pavement.

Grading - Applicant Provided Information

Vehicle Trips - Based on Traffic Report, Intersecting Metrics, 2022.

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Woodstoves - Per applicant no wood buring or natural gas buring fireplaces.

Construction Off-road Equipment Mitigation -

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	490.00
tblConstructionPhase	NumDays	230.00	560.00
tblConstructionPhase	NumDays	20.00	34.00
tblConstructionPhase	NumDays	20.00	147.00
tblConstructionPhase	NumDays	20.00	66.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	111.10	0.00
tblFireplaces	NumberNoFireplace	20.20	0.00
tblFireplaces	NumberWood	70.70	0.00
tblGrading	MaterialImported	0.00	184,420.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblSolidWaste	SolidWasteGenerationRate	0.09	0.17
tblTripsAndVMT	HaulingTripNumber	23,053.00	23,052.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	52.00	60.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	223.00	240.00
tblTripsAndVMT	WorkerTripNumber	45.00	48.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	4.91	5.42
tblVehicleTrips	ST_TR	1.96	50.00
tblVehicleTrips	ST_TR	42.04	37.94
tblVehicleTrips	SU_TR	4.09	4.51
tblVehicleTrips	SU_TR	2.19	50.00
tblVehicleTrips	SU_TR	20.43	18.44
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	0.78	50.00
tblVehicleTrips	WD_TR	44.32	40.00
tblWater	OutdoorWaterUseRate	1,310,629.48	2,394,877.51
tblWoodstoves	NumberCatalytic	10.10	0.00
tblWoodstoves	NumberNoncatalytic	10.10	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

San Marcos Restaruant Row Project - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2024	1.5601	6.6407	5.9021	0.0197	1.4904	0.2192	1.7096	0.4871	0.2040	0.6912	0.0000	1,839.7311	1,839.7311	0.2769	0.1403	1,888.4709
2025	2.0703	2.1759	3.2029	7.8800e-003	0.3534	0.0791	0.4325	0.0951	0.0748	0.1699	0.0000	710.2410	710.2410	0.0838	0.0278	720.6097
2026	0.6983	0.7994	1.1603	2.8600e-003	0.1294	0.0291	0.1585	0.0348	0.0275	0.0624	0.0000	257.6421	257.6421	0.0309	0.0100	261.3962
Maximum	**2.0703**	**6.6407**	**5.9021**	**0.0197**	**1.4904**	**0.2192**	**1.7096**	**0.4871**	**0.2040**	**0.6912**	**0.0000**	**1,839.7311**	**1,839.7311**	**0.2769**	**0.1403**	**1,888.4709**

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					
2024	1.5601	6.6407	5.9021	0.0197	0.9440	0.2192	1.1632	0.2934	0.2040	0.4975	0.0000	1,839.7302	1,839.7302	0.2769	0.1403	1,888.4700
2025	2.0703	2.1758	3.2029	7.8800e-003	0.3534	0.0791	0.4325	0.0951	0.0748	0.1699	0.0000	710.2406	710.2406	0.0838	0.0278	720.6093
2026	0.6983	0.7994	1.1603	2.8600e-003	0.1294	0.0291	0.1585	0.0348	0.0275	0.0624	0.0000	257.6420	257.6420	0.0309	0.0100	261.3961
Maximum	**2.0703**	**6.6407**	**5.9021**	**0.0197**	**0.9440**	**0.2192**	**1.1632**	**0.2934**	**0.2040**	**0.4975**	**0.0000**	**1,839.7302**	**1,839.7302**	**0.2769**	**0.1403**	**1,888.4700**

San Marcos Restaruant Row Project - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	**0.00**	**0.00**	**0.00**	**0.00**	**27.69**	**0.00**	**23.75**	**31.39**	**0.00**	**20.98**	**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)
5	**1-1-2024**	**3-31-2024**	1.7299	1.7299
6	**4-1-2024**	**6-30-2024**	2.5261	2.5261
7	**7-1-2024**	**9-30-2024**	2.5263	2.5263
8	**10-1-2024**	**12-31-2024**	1.3589	1.3589
9	**1-1-2025**	**3-31-2025**	1.0489	1.0489
10	**4-1-2025**	**6-30-2025**	1.0535	1.0535
11	**7-1-2025**	**9-30-2025**	1.0650	1.0650
12	**10-1-2025**	**12-31-2025**	1.0722	1.0722
13	**1-1-2026**	**3-31-2026**	1.0453	1.0453
14	**4-1-2026**	**6-30-2026**	0.4563	0.4563
		Highest	2.5263	2.5263

San Marcos Restaruant Row Project - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.2158	0.0173	1.4994	8.0000e-005		8.3200e-003	8.3200e-003		8.3200e-003	8.3200e-003	0.0000	2.4519	2.4519	2.3500e-003	0.0000	2.5107
Energy	8.0500e-003	0.0689	0.0298	4.4000e-004		5.5600e-003	5.5600e-003		5.5600e-003	5.5600e-003	0.0000	303.9072	303.9072	0.0152	3.1200e-003	305.2182
Mobile	0.6668	0.6940	6.0624	0.0128	1.4940	9.6600e-003	1.5036	0.3987	9.0100e-003	0.4077	0.0000	1,181.2648	1,181.2648	0.0870	0.0548	1,199.7636
Waste						0.0000	0.0000		0.0000	0.0000	21.1131	0.0000	21.1131	1.2478	0.0000	52.3068
Water						0.0000	0.0000		0.0000	0.0000	4.4198	74.8108	79.2306	0.4585	0.0113	94.0532
Total	**1.8907**	**0.7802**	**7.5916**	**0.0133**	**1.4940**	**0.0235**	**1.5175**	**0.3987**	**0.0229**	**0.4216**	**25.5329**	**1,562.4347**	**1,587.9676**	**1.8109**	**0.0692**	**1,653.8525**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	1.2158	0.0173	1.4994	8.0000e-005		8.3200e-003	8.3200e-003		8.3200e-003	8.3200e-003	0.0000	2.4519	2.4519	2.3500e-003	0.0000	2.5107
Energy	8.0500e-003	0.0689	0.0298	4.4000e-004		5.5600e-003	5.5600e-003		5.5600e-003	5.5600e-003	0.0000	303.9072	303.9072	0.0152	3.1200e-003	305.2182
Mobile	0.6668	0.6940	6.0624	0.0128	1.4940	9.6600e-003	1.5036	0.3987	9.0100e-003	0.4077	0.0000	1,181.2648	1,181.2648	0.0870	0.0548	1,199.7636
Waste						0.0000	0.0000		0.0000	0.0000	21.1131	0.0000	21.1131	1.2478	0.0000	52.3068
Water						0.0000	0.0000		0.0000	0.0000	4.4198	74.8108	79.2306	0.4585	0.0113	94.0532
Total	**1.8907**	**0.7802**	**7.5916**	**0.0133**	**1.4940**	**0.0235**	**1.5175**	**0.3987**	**0.0229**	**0.4216**	**25.5329**	**1,562.4347**	**1,587.9676**	**1.8109**	**0.0692**	**1,653.8525**

	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	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	2/15/2024	5	34	
2	Site Preparation	Site Preparation	1/28/2024	2/10/2024	5	10	
3	Grading	Grading	2/11/2024	9/3/2024	5	147	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	Building Construction	Building Construction	3/25/2024	5/17/2026	5	560	
5	Architectural Coating	Architectural Coating	6/15/2024	5/1/2026	5	490	
6	Paving	Paving	9/3/2024	12/3/2024	5	66	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 441

Acres of Paving: 2.92

Residential Indoor: 409,050; Residential Outdoor: 136,350; Non-Residential Indoor: 15,600; Non-Residential Outdoor: 5,200; Striped Parking Area: 7,673 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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
Demolition	6	16.00	4.00	1,878.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	23,052.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	240.00	60.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	48.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 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					
Fugitive Dust					0.2057	0.0000	0.2057	0.0312	0.0000	0.0312	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0381	0.3549	0.3350	6.6000e-004		0.0163	0.0163		0.0152	0.0152	0.0000	57.7933	57.7933	0.0162	0.0000	58.1975
Total	**0.0381**	**0.3549**	**0.3350**	**6.6000e-004**	**0.2057**	**0.0163**	**0.2221**	**0.0312**	**0.0152**	**0.0463**	**0.0000**	**57.7933**	**57.7933**	**0.0162**	**0.0000**	**58.1975**

San Marcos Restaruant Row Project - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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	2.0500e-003	0.1263	0.0344	5.5000e-004	0.0161	1.0500e-003	0.0171	4.4200e-003	1.0000e-003	5.4200e-003	0.0000	55.3620	55.3620	2.9200e-003	8.8100e-003	58.0607
Vendor	8.0000e-005	3.0000e-003	1.0400e-003	1.0000e-005	4.5000e-004	2.0000e-005	4.7000e-004	1.3000e-004	2.0000e-005	1.5000e-004	0.0000	1.3407	1.3407	4.0000e-005	1.9000e-004	1.3996
Worker	6.9000e-004	4.6000e-004	5.7900e-003	2.0000e-005	2.1800e-003	1.0000e-005	2.1900e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	1.6695	1.6695	5.0000e-005	4.0000e-005	1.6841
Total	**2.8200e-003**	**0.1298**	**0.0412**	**5.8000e-004**	**0.0187**	**1.0800e-003**	**0.0198**	**5.1300e-003**	**1.0300e-003**	**6.1600e-003**	**0.0000**	**58.3721**	**58.3721**	**3.0100e-003**	**9.0400e-003**	**61.1444**

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					0.0926	0.0000	0.0926	0.0140	0.0000	0.0140	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0381	0.3549	0.3350	6.6000e-004		0.0163	0.0163		0.0152	0.0152	0.0000	57.7932	57.7932	0.0162	0.0000	58.1975
Total	**0.0381**	**0.3549**	**0.3350**	**6.6000e-004**	**0.0926**	**0.0163**	**0.1089**	**0.0140**	**0.0152**	**0.0292**	**0.0000**	**57.7932**	**57.7932**	**0.0162**	**0.0000**	**58.1975**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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	2.0500e-003	0.1263	0.0344	5.5000e-004	0.0161	1.0500e-003	0.0171	4.4200e-003	1.0000e-003	5.4200e-003	0.0000	55.3620	55.3620	2.9200e-003	8.8100e-003	58.0607
Vendor	8.0000e-005	3.0000e-003	1.0400e-003	1.0000e-005	4.5000e-004	2.0000e-005	4.7000e-004	1.3000e-004	2.0000e-005	1.5000e-004	0.0000	1.3407	1.3407	4.0000e-005	1.9000e-004	1.3996
Worker	6.9000e-004	4.6000e-004	5.7900e-003	2.0000e-005	2.1800e-003	1.0000e-005	2.1900e-003	5.8000e-004	1.0000e-005	5.9000e-004	0.0000	1.6695	1.6695	5.0000e-005	4.0000e-005	1.6841
Total	**2.8200e-003**	**0.1298**	**0.0412**	**5.8000e-004**	**0.0187**	**1.0800e-003**	**0.0198**	**5.1300e-003**	**1.0300e-003**	**6.1600e-003**	**0.0000**	**58.3721**	**58.3721**	**3.0100e-003**	**9.0400e-003**	**61.1444**

3.3 Site Preparation - 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					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6600e-003	5.6600e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	**0.0133**	**0.1359**	**0.0917**	**1.9000e-004**	**0.0983**	**6.1500e-003**	**0.1044**	**0.0505**	**5.6600e-003**	**0.0562**	**0.0000**	**16.7285**	**16.7285**	**5.4100e-003**	**0.0000**	**16.8638**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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	2.0000e-005	8.8000e-004	3.1000e-004	0.0000	1.3000e-004	1.0000e-005	1.4000e-004	4.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.3943	0.3943	1.0000e-005	6.0000e-005	0.4117
Worker	2.3000e-004	1.5000e-004	1.9200e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5524	0.5524	2.0000e-005	1.0000e-005	0.5572
Total	**2.5000e-004**	**1.0300e-003**	**2.2300e-003**	**1.0000e-005**	**8.5000e-004**	**1.0000e-005**	**8.7000e-004**	**2.3000e-004**	**1.0000e-005**	**2.4000e-004**	**0.0000**	**0.9467**	**0.9467**	**3.0000e-005**	**7.0000e-005**	**0.9689**

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					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6500e-003	5.6500e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	**0.0133**	**0.1359**	**0.0917**	**1.9000e-004**	**0.0442**	**6.1500e-003**	**0.0504**	**0.0227**	**5.6500e-003**	**0.0284**	**0.0000**	**16.7285**	**16.7285**	**5.4100e-003**	**0.0000**	**16.8638**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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	2.0000e-005	8.8000e-004	3.1000e-004	0.0000	1.3000e-004	1.0000e-005	1.4000e-004	4.0000e-005	1.0000e-005	4.0000e-005	0.0000	0.3943	0.3943	1.0000e-005	6.0000e-005	0.4117
Worker	2.3000e-004	1.5000e-004	1.9200e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5524	0.5524	2.0000e-005	1.0000e-005	0.5572
Total	**2.5000e-004**	**1.0300e-003**	**2.2300e-003**	**1.0000e-005**	**8.5000e-004**	**1.0000e-005**	**8.7000e-004**	**2.3000e-004**	**1.0000e-005**	**2.4000e-004**	**0.0000**	**0.9467**	**0.9467**	**3.0000e-005**	**7.0000e-005**	**0.9689**

3.4 Grading - 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					
Fugitive Dust					0.6894	0.0000	0.6894	0.2705	0.0000	0.2705	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2365	2.3797	2.0376	4.5600e-003		0.0982	0.0982		0.0903	0.0903	0.0000	400.7185	400.7185	0.1296	0.0000	403.9585
Total	**0.2365**	**2.3797**	**2.0376**	**4.5600e-003**	**0.6894**	**0.0982**	**0.7876**	**0.2705**	**0.0903**	**0.3608**	**0.0000**	**400.7185**	**400.7185**	**0.1296**	**0.0000**	**403.9585**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 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	0.0251	1.5507	0.4219	6.7600e-003	0.1974	0.0129	0.2103	0.0542	0.0123	0.0666	0.0000	679.5553	679.5553	0.0359	0.1082	712.6815
Vendor	3.3000e-004	0.0130	4.5000e-003	6.0000e-005	1.9500e-003	8.0000e-005	2.0300e-003	5.6000e-004	7.0000e-005	6.4000e-004	0.0000	5.7964	5.7964	1.8000e-004	8.4000e-004	6.0512
Worker	3.7400e-003	2.4700e-003	0.0313	1.0000e-004	0.0118	6.0000e-005	0.0119	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	9.0225	9.0225	2.5000e-004	2.4000e-004	9.1013
Total	**0.0292**	**1.5661**	**0.4577**	**6.9200e-003**	**0.2112**	**0.0130**	**0.2242**	**0.0579**	**0.0125**	**0.0704**	**0.0000**	**694.3742**	**694.3742**	**0.0363**	**0.1092**	**727.8340**

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					0.3102	0.0000	0.3102	0.1217	0.0000	0.1217	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2365	2.3797	2.0376	4.5600e-003		0.0982	0.0982		0.0903	0.0903	0.0000	400.7180	400.7180	0.1296	0.0000	403.9580
Total	**0.2365**	**2.3797**	**2.0376**	**4.5600e-003**	**0.3102**	**0.0982**	**0.4084**	**0.1217**	**0.0903**	**0.2120**	**0.0000**	**400.7180**	**400.7180**	**0.1296**	**0.0000**	**403.9580**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 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	0.0251	1.5507	0.4219	6.7600e-003	0.1974	0.0129	0.2103	0.0542	0.0123	0.0666	0.0000	679.5553	679.5553	0.0359	0.1082	712.6815
Vendor	3.3000e-004	0.0130	4.5000e-003	6.0000e-005	1.9500e-003	8.0000e-005	2.0300e-003	5.6000e-004	7.0000e-005	6.4000e-004	0.0000	5.7964	5.7964	1.8000e-004	8.4000e-004	6.0512
Worker	3.7400e-003	2.4700e-003	0.0313	1.0000e-004	0.0118	6.0000e-005	0.0119	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	9.0225	9.0225	2.5000e-004	2.4000e-004	9.1013
Total	**0.0292**	**1.5661**	**0.4577**	**6.9200e-003**	**0.2112**	**0.0130**	**0.2242**	**0.0579**	**0.0125**	**0.0704**	**0.0000**	**694.3742**	**694.3742**	**0.0363**	**0.1092**	**727.8340**

3.5 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	0.1486	1.3578	1.6329	2.7200e-003		0.0619	0.0619		0.0583	0.0583	0.0000	234.1676	234.1676	0.0554	0.0000	235.5520
Total	**0.1486**	**1.3578**	**1.6329**	**2.7200e-003**		**0.0619**	**0.0619**		**0.0583**	**0.0583**	**0.0000**	**234.1676**	**234.1676**	**0.0554**	**0.0000**	**235.5520**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 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	6.8400e-003	0.2672	0.0927	1.2200e-003	0.0402	1.5900e-003	0.0418	0.0116	1.5200e-003	0.0131	0.0000	119.4762	119.4762	3.7600e-003	0.0173	124.7286
Worker	0.0616	0.0408	0.5161	1.6200e-003	0.1944	1.0200e-003	0.1954	0.0517	9.4000e-004	0.0526	0.0000	148.7799	148.7799	4.1600e-003	4.0100e-003	150.0787
Total	**0.0684**	**0.3080**	**0.6088**	**2.8400e-003**	**0.2346**	**2.6100e-003**	**0.2372**	**0.0633**	**2.4600e-003**	**0.0657**	**0.0000**	**268.2561**	**268.2561**	**7.9200e-003**	**0.0213**	**274.8073**

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	0.1486	1.3578	1.6329	2.7200e-003		0.0619	0.0619		0.0583	0.0583	0.0000	234.1673	234.1673	0.0554	0.0000	235.5517
Total	**0.1486**	**1.3578**	**1.6329**	**2.7200e-003**		**0.0619**	**0.0619**		**0.0583**	**0.0583**	**0.0000**	**234.1673**	**234.1673**	**0.0554**	**0.0000**	**235.5517**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 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	6.8400e-003	0.2672	0.0927	1.2200e-003	0.0402	1.5900e-003	0.0418	0.0116	1.5200e-003	0.0131	0.0000	119.4762	119.4762	3.7600e-003	0.0173	124.7286
Worker	0.0616	0.0408	0.5161	1.6200e-003	0.1944	1.0200e-003	0.1954	0.0517	9.4000e-004	0.0526	0.0000	148.7799	148.7799	4.1600e-003	4.0100e-003	150.0787
Total	**0.0684**	**0.3080**	**0.6088**	**2.8400e-003**	**0.2346**	**2.6100e-003**	**0.2372**	**0.0633**	**2.4600e-003**	**0.0657**	**0.0000**	**268.2561**	**268.2561**	**7.9200e-003**	**0.0213**	**274.8073**

3.5 Building Construction - 2025

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	8.5700e-003	0.3418	0.1178	1.5400e-003	0.0520	2.0500e-003	0.0541	0.0150	1.9600e-003	0.0170	0.0000	151.4301	151.4301	4.9800e-003	0.0219	158.0890
Worker	0.0750	0.0477	0.6250	2.0300e-003	0.2512	1.2500e-003	0.2524	0.0667	1.1500e-003	0.0679	0.0000	185.6967	185.6967	4.9000e-003	4.8600e-003	187.2681
Total	**0.0836**	**0.3895**	**0.7428**	**3.5700e-003**	**0.3032**	**3.3000e-003**	**0.3065**	**0.0818**	**3.1100e-003**	**0.0849**	**0.0000**	**337.1268**	**337.1268**	**9.8800e-003**	**0.0268**	**345.3572**

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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1784**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	8.5700e-003	0.3418	0.1178	1.5400e-003	0.0520	2.0500e-003	0.0541	0.0150	1.9600e-003	0.0170	0.0000	151.4301	151.4301	4.9800e-003	0.0219	158.0890
Worker	0.0750	0.0477	0.6250	2.0300e-003	0.2512	1.2500e-003	0.2524	0.0667	1.1500e-003	0.0679	0.0000	185.6967	185.6967	4.9000e-003	4.8600e-003	187.2681
Total	**0.0836**	**0.3895**	**0.7428**	**3.5700e-003**	**0.3032**	**3.3000e-003**	**0.3065**	**0.0818**	**3.1100e-003**	**0.0849**	**0.0000**	**337.1268**	**337.1268**	**9.8800e-003**	**0.0268**	**345.3572**

3.5 Building Construction - 2026

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	0.0663	0.6048	0.7801	1.3100e-003		0.0256	0.0256		0.0241	0.0241	0.0000	112.4809	112.4809	0.0264	0.0000	113.1420
Total	**0.0663**	**0.6048**	**0.7801**	**1.3100e-003**		**0.0256**	**0.0256**		**0.0241**	**0.0241**	**0.0000**	**112.4809**	**112.4809**	**0.0264**	**0.0000**	**113.1420**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	3.1000e-003	0.1257	0.0432	5.6000e-004	0.0193	7.6000e-004	0.0201	5.5800e-003	7.2000e-004	6.3000e-003	0.0000	55.2042	55.2042	1.9000e-003	7.9900e-003	57.6327
Worker	0.0263	0.0162	0.2190	7.3000e-004	0.0933	4.4000e-004	0.0938	0.0248	4.1000e-004	0.0252	0.0000	66.8574	66.8574	1.6700e-003	1.7100e-003	67.4080
Total	**0.0294**	**0.1419**	**0.2622**	**1.2900e-003**	**0.1127**	**1.2000e-003**	**0.1139**	**0.0304**	**1.1300e-003**	**0.0315**	**0.0000**	**122.0616**	**122.0616**	**3.5700e-003**	**9.7000e-003**	**125.0407**

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	0.0663	0.6048	0.7801	1.3100e-003		0.0256	0.0256		0.0241	0.0241	0.0000	112.4808	112.4808	0.0264	0.0000	113.1418
Total	**0.0663**	**0.6048**	**0.7801**	**1.3100e-003**		**0.0256**	**0.0256**		**0.0241**	**0.0241**	**0.0000**	**112.4808**	**112.4808**	**0.0264**	**0.0000**	**113.1418**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	3.1000e-003	0.1257	0.0432	5.6000e-004	0.0193	7.6000e-004	0.0201	5.5800e-003	7.2000e-004	6.3000e-003	0.0000	55.2042	55.2042	1.9000e-003	7.9900e-003	57.6327
Worker	0.0263	0.0162	0.2190	7.3000e-004	0.0933	4.4000e-004	0.0938	0.0248	4.1000e-004	0.0252	0.0000	66.8574	66.8574	1.6700e-003	1.7100e-003	67.4080
Total	**0.0294**	**0.1419**	**0.2622**	**1.2900e-003**	**0.1127**	**1.2000e-003**	**0.1139**	**0.0304**	**1.1300e-003**	**0.0315**	**0.0000**	**122.0616**	**122.0616**	**3.5700e-003**	**9.7000e-003**	**125.0407**

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	0.9635					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0865	0.1285	2.1000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003	0.0000	18.1281	18.1281	1.0200e-003	0.0000	18.1536
Total	**0.9764**	**0.0865**	**0.1285**	**2.1000e-004**		**4.3200e-003**	**4.3200e-003**		**4.3200e-003**	**4.3200e-003**	**0.0000**	**18.1281**	**18.1281**	**1.0200e-003**	**0.0000**	**18.1536**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	8.6600e-003	5.7300e-003	0.0726	2.3000e-004	0.0273	1.4000e-004	0.0275	7.2600e-003	1.3000e-004	7.3900e-003	0.0000	20.9176	20.9176	5.8000e-004	5.6000e-004	21.1002
Total	**8.6600e-003**	**5.7300e-003**	**0.0726**	**2.3000e-004**	**0.0273**	**1.4000e-004**	**0.0275**	**7.2600e-003**	**1.3000e-004**	**7.3900e-003**	**0.0000**	**20.9176**	**20.9176**	**5.8000e-004**	**5.6000e-004**	**21.1002**

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	0.9635					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0865	0.1285	2.1000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003	0.0000	18.1281	18.1281	1.0200e-003	0.0000	18.1536
Total	**0.9764**	**0.0865**	**0.1285**	**2.1000e-004**		**4.3200e-003**	**4.3200e-003**		**4.3200e-003**	**4.3200e-003**	**0.0000**	**18.1281**	**18.1281**	**1.0200e-003**	**0.0000**	**18.1536**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	8.6600e-003	5.7300e-003	0.0726	2.3000e-004	0.0273	1.4000e-004	0.0275	7.2600e-003	1.3000e-004	7.3900e-003	0.0000	20.9176	20.9176	5.8000e-004	5.6000e-004	21.1002
Total	**8.6600e-003**	**5.7300e-003**	**0.0726**	**2.3000e-004**	**0.0273**	**1.4000e-004**	**0.0275**	**7.2600e-003**	**1.3000e-004**	**7.3900e-003**	**0.0000**	**20.9176**	**20.9176**	**5.8000e-004**	**5.6000e-004**	**21.1002**

3.6 Architectural Coating - 2025

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	1.7710					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	**1.7933**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3654**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2025

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	0.0150	9.5400e-003	0.1250	4.1000e-004	0.0502	2.5000e-004	0.0505	0.0134	2.3000e-004	0.0136	0.0000	37.1393	37.1393	9.8000e-004	9.7000e-004	37.4536
Total	**0.0150**	**9.5400e-003**	**0.1250**	**4.1000e-004**	**0.0502**	**2.5000e-004**	**0.0505**	**0.0134**	**2.3000e-004**	**0.0136**	**0.0000**	**37.1393**	**37.1393**	**9.8000e-004**	**9.7000e-004**	**37.4536**

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	1.7710					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	**1.7933**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3199**	**33.3199**	**1.8200e-003**	**0.0000**	**33.3654**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2025

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	0.0150	9.5400e-003	0.1250	4.1000e-004	0.0502	2.5000e-004	0.0505	0.0134	2.3000e-004	0.0136	0.0000	37.1393	37.1393	9.8000e-004	9.7000e-004	37.4536
Total	**0.0150**	**9.5400e-003**	**0.1250**	**4.1000e-004**	**0.0502**	**2.5000e-004**	**0.0505**	**0.0134**	**2.3000e-004**	**0.0136**	**0.0000**	**37.1393**	**37.1393**	**9.8000e-004**	**9.7000e-004**	**37.4536**

3.6 Architectural Coating - 2026

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	0.5903					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4300e-003	0.0498	0.0787	1.3000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003	0.0000	11.1067	11.1067	6.1000e-004	0.0000	11.1218
Total	**0.5978**	**0.0498**	**0.0787**	**1.3000e-004**		**2.2400e-003**	**2.2400e-003**		**2.2400e-003**	**2.2400e-003**	**0.0000**	**11.1067**	**11.1067**	**6.1000e-004**	**0.0000**	**11.1218**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	4.7200e-003	2.9000e-003	0.0393	1.3000e-004	0.0167	8.0000e-005	0.0168	4.4500e-003	7.0000e-005	4.5200e-003	0.0000	11.9930	11.9930	3.0000e-004	3.1000e-004	12.0918
Total	**4.7200e-003**	**2.9000e-003**	**0.0393**	**1.3000e-004**	**0.0167**	**8.0000e-005**	**0.0168**	**4.4500e-003**	**7.0000e-005**	**4.5200e-003**	**0.0000**	**11.9930**	**11.9930**	**3.0000e-004**	**3.1000e-004**	**12.0918**

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	0.5903					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4300e-003	0.0498	0.0787	1.3000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003	0.0000	11.1066	11.1066	6.1000e-004	0.0000	11.1218
Total	**0.5978**	**0.0498**	**0.0787**	**1.3000e-004**		**2.2400e-003**	**2.2400e-003**		**2.2400e-003**	**2.2400e-003**	**0.0000**	**11.1066**	**11.1066**	**6.1000e-004**	**0.0000**	**11.1218**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	4.7200e-003	2.9000e-003	0.0393	1.3000e-004	0.0167	8.0000e-005	0.0168	4.4500e-003	7.0000e-005	4.5200e-003	0.0000	11.9930	11.9930	3.0000e-004	3.1000e-004	12.0918
Total	**4.7200e-003**	**2.9000e-003**	**0.0393**	**1.3000e-004**	**0.0167**	**8.0000e-005**	**0.0168**	**4.4500e-003**	**7.0000e-005**	**4.5200e-003**	**0.0000**	**11.9930**	**11.9930**	**3.0000e-004**	**3.1000e-004**	**12.0918**

3.7 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	0.0326	0.3143	0.4827	7.5000e-004		0.0155	0.0155		0.0142	0.0142	0.0000	66.0876	66.0876	0.0214	0.0000	66.6219
Paving	3.8300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0364**	**0.3143**	**0.4827**	**7.5000e-004**		**0.0155**	**0.0155**		**0.0142**	**0.0142**	**0.0000**	**66.0876**	**66.0876**	**0.0214**	**0.0000**	**66.6219**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	1.3400e-003	8.9000e-004	0.0112	4.0000e-005	4.2300e-003	2.0000e-005	4.2600e-003	1.1300e-003	2.0000e-005	1.1500e-003	0.0000	3.2408	3.2408	9.0000e-005	9.0000e-005	3.2690
Total	**1.3400e-003**	**8.9000e-004**	**0.0112**	**4.0000e-005**	**4.2300e-003**	**2.0000e-005**	**4.2600e-003**	**1.1300e-003**	**2.0000e-005**	**1.1500e-003**	**0.0000**	**3.2408**	**3.2408**	**9.0000e-005**	**9.0000e-005**	**3.2690**

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	0.0326	0.3143	0.4827	7.5000e-004		0.0155	0.0155		0.0142	0.0142	0.0000	66.0875	66.0875	0.0214	0.0000	66.6218
Paving	3.8300e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0364**	**0.3143**	**0.4827**	**7.5000e-004**		**0.0155**	**0.0155**		**0.0142**	**0.0142**	**0.0000**	**66.0875**	**66.0875**	**0.0214**	**0.0000**	**66.6218**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	1.3400e-003	8.9000e-004	0.0112	4.0000e-005	4.2300e-003	2.0000e-005	4.2600e-003	1.1300e-003	2.0000e-005	1.1500e-003	0.0000	3.2408	3.2408	9.0000e-005	9.0000e-005	3.2690
Total	**1.3400e-003**	**8.9000e-004**	**0.0112**	**4.0000e-005**	**4.2300e-003**	**2.0000e-005**	**4.2600e-003**	**1.1300e-003**	**2.0000e-005**	**1.1500e-003**	**0.0000**	**3.2408**	**3.2408**	**9.0000e-005**	**9.0000e-005**	**3.2690**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.6668	0.6940	6.0624	0.0128	1.4940	9.6600e-003	1.5036	0.3987	9.0100e-003	0.4077	0.0000	1,181.2648	1,181.2648	0.0870	0.0548	1,199.7636
Unmitigated	0.6668	0.6940	6.0624	0.0128	1.4940	9.6600e-003	1.5036	0.3987	9.0100e-003	0.4077	0.0000	1,181.2648	1,181.2648	0.0870	0.0548	1,199.7636

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,212.00	1,094.84	911.02	3,290,068	3,290,068
City Park	55.00	55.00	55.00	117,417	117,417
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	416.00	394.58	191.78	586,610	586,610
Total	1,683.00	1,544.42	1,157.80	3,994,095	3,994,095

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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
City Park	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Other Asphalt Surfaces	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Strip Mall	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	224.2430	224.2430	0.0137	1.6600e-003	225.0807
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	224.2430	224.2430	0.0137	1.6600e-003	225.0807
NaturalGas Mitigated	8.0500e-003	0.0689	0.0298	4.4000e-004		5.5600e-003	5.5600e-003		5.5600e-003	5.5600e-003	0.0000	79.6642	79.6642	1.5300e-003	1.4600e-003	80.1376
NaturalGas Unmitigated	8.0500e-003	0.0689	0.0298	4.4000e-004		5.5600e-003	5.5600e-003		5.5600e-003	5.5600e-003	0.0000	79.6642	79.6642	1.5300e-003	1.4600e-003	80.1376

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
Apartments Mid Rise	1.46976e+006	7.9300e-003	0.0677	0.0288	4.3000e-004		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	78.4321	78.4321	1.5000e-003	1.4400e-003	78.8982
City Park	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
Other Asphalt Surfaces	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
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
Strip Mall	23088	1.2000e-004	1.1300e-003	9.5000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2321	1.2321	2.0000e-005	2.0000e-005	1.2394
Total		**8.0500e-003**	**0.0689**	**0.0298**	**4.4000e-004**		**5.5700e-003**	**5.5700e-003**		**5.5700e-003**	**5.5700e-003**	**0.0000**	**79.6642**	**79.6642**	**1.5200e-003**	**1.4600e-003**	**80.1376**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

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					
Apartments Mid Rise	1.46976e+006	7.9300e-003	0.0677	0.0288	4.3000e-004		5.4800e-003	5.4800e-003		5.4800e-003	5.4800e-003	0.0000	78.4321	78.4321	1.5000e-003	1.4400e-003	78.8982
City Park	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
Other Asphalt Surfaces	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
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
Strip Mall	23088	1.2000e-004	1.1300e-003	9.5000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2321	1.2321	2.0000e-005	2.0000e-005	1.2394
Total		**8.0500e-003**	**0.0689**	**0.0298**	**4.4000e-004**		**5.5700e-003**	**5.5700e-003**		**5.5700e-003**	**5.5700e-003**	**0.0000**	**79.6642**	**79.6642**	**1.5200e-003**	**1.4600e-003**	**80.1376**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	775708	189.9949	0.0116	1.4100e-003	190.7046
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	12740	3.1204	1.9000e-004	2.0000e-005	3.1321
Strip Mall	127088	31.1278	1.9000e-003	2.3000e-004	31.2440
Total		**224.2431**	**0.0137**	**1.6600e-003**	**225.0807**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	775708	189.9949	0.0116	1.4100e-003	190.7046
City Park	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	12740	3.1204	1.9000e-004	2.0000e-005	3.1321
Strip Mall	127088	31.1278	1.9000e-003	2.3000e-004	31.2440
Total		**224.2431**	**0.0137**	**1.6600e-003**	**225.0807**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	1.2158	0.0173	1.4994	8.0000e-005		8.3200e-003	8.3200e-003		8.3200e-003	8.3200e-003	0.0000	2.4519	2.4519	2.3500e-003	0.0000	2.5107
Unmitigated	1.2158	0.0173	1.4994	8.0000e-005		8.3200e-003	8.3200e-003		8.3200e-003	8.3200e-003	0.0000	2.4519	2.4519	2.3500e-003	0.0000	2.5107

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	0.3325					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8382					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	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
Landscaping	0.0451	0.0173	1.4994	8.0000e-005		8.3200e-003	8.3200e-003		8.3200e-003	8.3200e-003	0.0000	2.4519	2.4519	2.3500e-003	0.0000	2.5107
Total	**1.2158**	**0.0173**	**1.4994**	**8.0000e-005**		**8.3200e-003**	**8.3200e-003**		**8.3200e-003**	**8.3200e-003**	**0.0000**	**2.4519**	**2.4519**	**2.3500e-003**	**0.0000**	**2.5107**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

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	0.3325					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.8382					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	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
Landscaping	0.0451	0.0173	1.4994	8.0000e-005		8.3200e-003	8.3200e-003		8.3200e-003	8.3200e-003	0.0000	2.4519	2.4519	2.3500e-003	0.0000	2.5107
Total	**1.2158**	**0.0173**	**1.4994**	**8.0000e-005**		**8.3200e-003**	**8.3200e-003**		**8.3200e-003**	**8.3200e-003**	**0.0000**	**2.4519**	**2.4519**	**2.3500e-003**	**0.0000**	**2.5107**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	79.2306	0.4585	0.0113	94.0532
Unmitigated	79.2306	0.4585	0.0113	94.0532

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	13.1611 / 8.29722	68.7277	0.4328	0.0106	82.7078
City Park	0 / 2.39488	6.5169	4.0000e-004	5.0000e-005	6.5412
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.770354 / 0.472153	3.9861	0.0253	6.2000e-004	4.8042
Total		**79.2306**	**0.4585**	**0.0113**	**94.0532**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	13.1611 / 8.29722	68.7277	0.4328	0.0106	82.7078
City Park	0 / 2.39488	6.5169	4.0000e-004	5.0000e-005	6.5412
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.770354 / 0.472153	3.9861	0.0253	6.2000e-004	4.8042
Total		**79.2306**	**0.4585**	**0.0113**	**94.0532**

8.0 Waste Detail

8.1 Mitigation Measures Waste

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.1131	1.2478	0.0000	52.3068
Unmitigated	21.1131	1.2478	0.0000	52.3068

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	92.92	18.8619	1.1147	0.0000	46.7296
City Park	0.17	0.0345	2.0400e-003	0.0000	0.0855
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	10.92	2.2167	0.1310	0.0000	5.4917
Total		**21.1131**	**1.2478**	**0.0000**	**52.3068**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	92.92	18.8619	1.1147	0.0000	46.7296
City Park	0.17	0.0345	2.0400e-003	0.0000	0.0855
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	10.92	2.2167	0.1310	0.0000	5.4917
Total		**21.1131**	**1.2478**	**0.0000**	**52.3068**

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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

San Marcos Restaruant Row Project

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.10	Acre	2.10	91,476.00	0
Parking Lot	91.00	Space	0.82	36,400.00	0
City Park	1.10	Acre	1.10	47,916.00	0
Apartments Mid Rise	202.00	Dwelling Unit	5.32	202,000.00	578
Strip Mall	10.40	1000sqft	0.24	10,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	539.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on applicant provided information

Construction Phase - Based on applicant provided information

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Defualt values

Trips and VMT - Trips rounded up to nearest even number to include arrival and departure trips. Grading haul trips based on CalEEMod default of 16 CY per truck.

Demolition - Demo includes 63,484 sqft of existing buildings and removal of 376,358 sqft of existing pavement.

Grading - Applicant Provided Information

Vehicle Trips - Based on Traffic Report, Intersecting Metrics, 2022.

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Woodstoves - Per applicant no wood buring or natural gas buring fireplaces.

Construction Off-road Equipment Mitigation -

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	34.00
tblConstructionPhase	NumDays	30.00	147.00
tblConstructionPhase	NumDays	300.00	560.00
tblConstructionPhase	NumDays	20.00	490.00
tblConstructionPhase	NumDays	20.00	66.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	111.10	0.00
tblFireplaces	NumberNoFireplace	20.20	0.00
tblFireplaces	NumberWood	70.70	0.00
tblGrading	MaterialImported	0.00	184,420.00
tblTripsAndVMT	HaulingTripNumber	23,053.00	23,052.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	VendorTripNumber	59.00	60.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	239.00	240.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	4.91	5.42
tblVehicleTrips	ST_TR	1.96	50.00
tblVehicleTrips	ST_TR	42.04	37.94
tblVehicleTrips	SU_TR	4.09	4.51
tblVehicleTrips	SU_TR	2.19	50.00
tblVehicleTrips	SU_TR	20.43	18.44
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	0.78	50.00
tblVehicleTrips	WD_TR	44.32	40.00
tblWoodstoves	NumberCatalytic	10.10	0.00
tblWoodstoves	NumberNoncatalytic	10.10	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2024	20.8014	81.1486	74.2582	0.2423	33.0590	2.6837	35.3137	12.2897	2.4935	14.3752	0.0000	24,930.8055	24,930.8055	3.9189	2.2236	25,588.3902
2025	15.8720	16.5423	24.8201	0.0613	2.7722	0.6063	3.3785	0.7445	0.5734	1.3179	0.0000	6,090.0499	6,090.0499	0.7060	0.2312	6,176.5933
2026	15.8317	16.4804	24.4590	0.0604	2.7722	0.6056	3.3778	0.7445	0.5728	1.3173	0.0000	6,003.8236	6,003.8236	0.7030	0.2251	6,088.4641
Maximum	**20.8014**	**81.1486**	**74.2582**	**0.2423**	**33.0590**	**2.6837**	**35.3137**	**12.2897**	**2.4935**	**14.3752**	**0.0000**	**24,930.8055**	**24,930.8055**	**3.9189**	**2.2236**	**25,588.3902**

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					
2024	20.8014	81.1486	74.2582	0.2423	15.5913	2.6837	17.8460	5.7253	2.4935	7.8109	0.0000	24,930.8055	24,930.8055	3.9189	2.2236	25,588.3902
2025	15.8720	16.5423	24.8201	0.0613	2.7722	0.6063	3.3785	0.7445	0.5734	1.3179	0.0000	6,090.0499	6,090.0499	0.7060	0.2312	6,176.5933
2026	15.8317	16.4804	24.4590	0.0604	2.7722	0.6056	3.3778	0.7445	0.5728	1.3173	0.0000	6,003.8236	6,003.8236	0.7030	0.2251	6,088.4641
Maximum	**20.8014**	**81.1486**	**74.2582**	**0.2423**	**15.5913**	**2.6837**	**17.8460**	**5.7253**	**2.4935**	**7.8109**	**0.0000**	**24,930.8055**	**24,930.8055**	**3.9189**	**2.2236**	**25,588.3902**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.00	0.00	0.00	0.00	45.25	0.00	41.52	47.64	0.00	38.59	0.00	0.00	0.00	0.00	0.00	0.00

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503
Energy	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359
Mobile	4.0669	3.7647	34.8084	0.0770	8.8801	0.0561	8.9362	2.3654	0.0523	2.4177		7,852.2613	7,852.2613	0.5366	0.3367	7,966.0094
Total	**11.0269**	**4.3338**	**51.6316**	**0.0803**	**8.8801**	**0.1790**	**9.0591**	**2.3654**	**0.1752**	**2.5406**	**0.0000**	**8,363.4683**	**8,363.4683**	**0.5746**	**0.3455**	**8,480.7956**

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	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503
Energy	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359
Mobile	4.0669	3.7647	34.8084	0.0770	8.8801	0.0561	8.9362	2.3654	0.0523	2.4177		7,852.2613	7,852.2613	0.5366	0.3367	7,966.0094
Total	**11.0269**	**4.3338**	**51.6316**	**0.0803**	**8.8801**	**0.1790**	**9.0591**	**2.3654**	**0.1752**	**2.5406**	**0.0000**	**8,363.4683**	**8,363.4683**	**0.5746**	**0.3455**	**8,480.7956**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	2/15/2024	5	34	
2	Site Preparation	Site Preparation	1/28/2024	2/10/2024	5	10	
3	Grading	Grading	2/11/2024	9/3/2024	5	147	
4	Building Construction	Building Construction	3/25/2024	5/17/2026	5	560	
5	Architectural Coating	Architectural Coating	6/15/2024	5/1/2026	5	490	
6	Paving	Paving	9/3/2024	12/3/2024	5	66	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 441

Acres of Paving: 2.92

Residential Indoor: 409,050; Residential Outdoor: 136,350; Non-Residential Indoor: 15,600; Non-Residential Outdoor: 5,200; Striped Parking Area: 7,673 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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
Demolition	6	16.00	4.00	1,878.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	23,052.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	240.00	60.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	48.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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					
Fugitive Dust					12.1024	0.0000	12.1024	1.8327	0.0000	1.8327			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**12.1024**	**0.9602**	**13.0625**	**1.8327**	**0.8922**	**2.7249**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

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	0.1236	7.1627	2.0123	0.0324	0.9661	0.0617	1.0278	0.2648	0.0590	0.3238		3,588.2849	3,588.2849	0.1897	0.5711	3,763.2020
Vendor	4.6000e-003	0.1703	0.0604	8.0000e-004	0.0271	1.0500e-003	0.0281	7.8000e-003	1.0000e-003	8.8000e-003		86.8772	86.8772	2.7400e-003	0.0126	90.6941
Worker	0.0411	0.0244	0.3582	1.1200e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		113.5294	113.5294	2.9000e-003	2.7300e-003	114.4167
Total	**0.1693**	**7.3574**	**2.4309**	**0.0343**	**1.1246**	**0.0634**	**1.1880**	**0.3075**	**0.0606**	**0.3681**		**3,788.6915**	**3,788.6915**	**0.1953**	**0.5864**	**3,968.3129**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

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					5.4461	0.0000	5.4461	0.8247	0.0000	0.8247			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**5.4461**	**0.9602**	**6.4062**	**0.8247**	**0.8922**	**1.7169**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

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	0.1236	7.1627	2.0123	0.0324	0.9661	0.0617	1.0278	0.2648	0.0590	0.3238		3,588.2849	3,588.2849	0.1897	0.5711	3,763.2020
Vendor	4.6000e-003	0.1703	0.0604	8.0000e-004	0.0271	1.0500e-003	0.0281	7.8000e-003	1.0000e-003	8.8000e-003		86.8772	86.8772	2.7400e-003	0.0126	90.6941
Worker	0.0411	0.0244	0.3582	1.1200e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		113.5294	113.5294	2.9000e-003	2.7300e-003	114.4167
Total	**0.1693**	**7.3574**	**2.4309**	**0.0343**	**1.1246**	**0.0634**	**1.1880**	**0.3075**	**0.0606**	**0.3681**		**3,788.6915**	**3,788.6915**	**0.1953**	**0.5864**	**3,968.3129**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**19.6570**	**1.2294**	**20.8864**	**10.1025**	**1.1310**	**11.2335**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

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	0.0000
Vendor	4.6000e-003	0.1703	0.0604	8.0000e-004	0.0271	1.0500e-003	0.0281	7.8000e-003	1.0000e-003	8.8000e-003		86.8772	86.8772	2.7400e-003	0.0126	90.6941
Worker	0.0462	0.0275	0.4030	1.2600e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		127.7206	127.7206	3.2600e-003	3.0800e-003	128.7188
Total	**0.0508**	**0.1978**	**0.4634**	**2.0600e-003**	**0.1750**	**1.8000e-003**	**0.1768**	**0.0470**	**1.6900e-003**	**0.0487**		**214.5978**	**214.5978**	**6.0000e-003**	**0.0157**	**219.4129**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

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					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.8457**	**1.2294**	**10.0750**	**4.5461**	**1.1310**	**5.6771**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

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	0.0000
Vendor	4.6000e-003	0.1703	0.0604	8.0000e-004	0.0271	1.0500e-003	0.0281	7.8000e-003	1.0000e-003	8.8000e-003		86.8772	86.8772	2.7400e-003	0.0126	90.6941
Worker	0.0462	0.0275	0.4030	1.2600e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		127.7206	127.7206	3.2600e-003	3.0800e-003	128.7188
Total	**0.0508**	**0.1978**	**0.4634**	**2.0600e-003**	**0.1750**	**1.8000e-003**	**0.1768**	**0.0470**	**1.6900e-003**	**0.0487**		**214.5978**	**214.5978**	**6.0000e-003**	**0.0157**	**219.4129**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 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					
Fugitive Dust					9.3799	0.0000	9.3799	3.6805	0.0000	3.6805			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**9.3799**	**1.3354**	**10.7153**	**3.6805**	**1.2286**	**4.9090**		**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

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	0.3509	20.3353	5.7131	0.0919	2.7428	0.1751	2.9179	0.7518	0.1676	0.9194		10,187.3569	10,187.3569	0.5386	1.6213	10,683.9572
Vendor	4.6000e-003	0.1703	0.0604	8.0000e-004	0.0271	1.0500e-003	0.0281	7.8000e-003	1.0000e-003	8.8000e-003		86.8772	86.8772	2.7400e-003	0.0126	90.6941
Worker	0.0513	0.0305	0.4478	1.4000e-003	0.1643	8.4000e-004	0.1651	0.0436	7.7000e-004	0.0444		141.9117	141.9117	3.6200e-003	3.4200e-003	143.0209
Total	**0.4069**	**20.5361**	**6.2212**	**0.0941**	**2.9342**	**0.1770**	**3.1112**	**0.8032**	**0.1693**	**0.9725**		**10,416.1459**	**10,416.1459**	**0.5449**	**1.6373**	**10,917.6722**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

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					4.2209	0.0000	4.2209	1.6562	0.0000	1.6562			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**4.2209**	**1.3354**	**5.5563**	**1.6562**	**1.2286**	**2.8848**	**0.0000**	**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

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	0.3509	20.3353	5.7131	0.0919	2.7428	0.1751	2.9179	0.7518	0.1676	0.9194		10,187.3569	10,187.3569	0.5386	1.6213	10,683.9572
Vendor	4.6000e-003	0.1703	0.0604	8.0000e-004	0.0271	1.0500e-003	0.0281	7.8000e-003	1.0000e-003	8.8000e-003		86.8772	86.8772	2.7400e-003	0.0126	90.6941
Worker	0.0513	0.0305	0.4478	1.4000e-003	0.1643	8.4000e-004	0.1651	0.0436	7.7000e-004	0.0444		141.9117	141.9117	3.6200e-003	3.4200e-003	143.0209
Total	**0.4069**	**20.5361**	**6.2212**	**0.0941**	**2.9342**	**0.1770**	**3.1112**	**0.8032**	**0.1693**	**0.9725**		**10,416.1459**	**10,416.1459**	**0.5449**	**1.6373**	**10,917.6722**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 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**

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	0.0000
Vendor	0.0690	2.5545	0.9052	0.0121	0.4064	0.0158	0.4221	0.1170	0.0151	0.1321		1,303.1584	1,303.1584	0.0411	0.1887	1,360.4118
Worker	0.6158	0.3662	5.3734	0.0169	1.9715	0.0101	1.9816	0.5230	9.2600e-003	0.5322		1,702.9409	1,702.9409	0.0434	0.0410	1,716.2506
Total	**0.6849**	**2.9207**	**6.2786**	**0.0289**	**2.3779**	**0.0258**	**2.4037**	**0.6399**	**0.0243**	**0.6643**		**3,006.0993**	**3,006.0993**	**0.0846**	**0.2297**	**3,076.6624**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	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**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

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	0.0000
Vendor	0.0690	2.5545	0.9052	0.0121	0.4064	0.0158	0.4221	0.1170	0.0151	0.1321		1,303.1584	1,303.1584	0.0411	0.1887	1,360.4118
Worker	0.6158	0.3662	5.3734	0.0169	1.9715	0.0101	1.9816	0.5230	9.2600e-003	0.5322		1,702.9409	1,702.9409	0.0434	0.0410	1,716.2506
Total	**0.6849**	**2.9207**	**6.2786**	**0.0289**	**2.3779**	**0.0258**	**2.4037**	**0.6399**	**0.0243**	**0.6643**		**3,006.0993**	**3,006.0993**	**0.0846**	**0.2297**	**3,076.6624**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0669	2.5294	0.8901	0.0118	0.4064	0.0157	0.4221	0.1170	0.0150	0.1320		1,278.2989	1,278.2989	0.0422	0.1850	1,334.4780
Worker	0.5799	0.3315	5.0302	0.0163	1.9715	9.6100e-003	1.9812	0.5230	8.8500e-003	0.5318		1,644.8571	1,644.8571	0.0396	0.0385	1,657.3212
Total	**0.6468**	**2.8609**	**5.9203**	**0.0281**	**2.3779**	**0.0253**	**2.4032**	**0.6399**	**0.0239**	**0.6638**		**2,923.1561**	**2,923.1561**	**0.0817**	**0.2235**	**2,991.7992**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0669	2.5294	0.8901	0.0118	0.4064	0.0157	0.4221	0.1170	0.0150	0.1320		1,278.2989	1,278.2989	0.0422	0.1850	1,334.4780
Worker	0.5799	0.3315	5.0302	0.0163	1.9715	9.6100e-003	1.9812	0.5230	8.8500e-003	0.5318		1,644.8571	1,644.8571	0.0396	0.0385	1,657.3212
Total	**0.6468**	**2.8609**	**5.9203**	**0.0281**	**2.3779**	**0.0253**	**2.4032**	**0.6399**	**0.0239**	**0.6638**		**2,923.1561**	**2,923.1561**	**0.0817**	**0.2235**	**2,991.7992**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0651	2.5022	0.8791	0.0116	0.4064	0.0156	0.4219	0.1170	0.0149	0.1319		1,253.8781	1,253.8781	0.0432	0.1814	1,309.0075
Worker	0.5478	0.3025	4.7384	0.0158	1.9715	9.1400e-003	1.9807	0.5230	8.4100e-003	0.5314		1,593.3525	1,593.3525	0.0362	0.0364	1,605.1056
Total	**0.6129**	**2.8047**	**5.6175**	**0.0273**	**2.3779**	**0.0247**	**2.4026**	**0.6399**	**0.0233**	**0.6633**		**2,847.2307**	**2,847.2307**	**0.0794**	**0.2178**	**2,914.1131**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0651	2.5022	0.8791	0.0116	0.4064	0.0156	0.4219	0.1170	0.0149	0.1319		1,253.8781	1,253.8781	0.0432	0.1814	1,309.0075
Worker	0.5478	0.3025	4.7384	0.0158	1.9715	9.1400e-003	1.9807	0.5230	8.4100e-003	0.5314		1,593.3525	1,593.3525	0.0362	0.0364	1,605.1056
Total	**0.6129**	**2.8047**	**5.6175**	**0.0273**	**2.3779**	**0.0247**	**2.4026**	**0.6399**	**0.0233**	**0.6633**		**2,847.2307**	**2,847.2307**	**0.0794**	**0.2178**	**2,914.1131**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	13.5709					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	**13.7517**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	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
Worker	0.1232	0.0732	1.0747	3.3700e-003	0.3943	2.0100e-003	0.3963	0.1046	1.8500e-003	0.1064		340.5882	340.5882	8.6900e-003	8.2000e-003	343.2501
Total	**0.1232**	**0.0732**	**1.0747**	**3.3700e-003**	**0.3943**	**2.0100e-003**	**0.3963**	**0.1046**	**1.8500e-003**	**0.1064**		**340.5882**	**340.5882**	**8.6900e-003**	**8.2000e-003**	**343.2501**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

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	13.5709					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	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**13.7517**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	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
Worker	0.1232	0.0732	1.0747	3.3700e-003	0.3943	2.0100e-003	0.3963	0.1046	1.8500e-003	0.1064		340.5882	340.5882	8.6900e-003	8.2000e-003	343.2501
Total	**0.1232**	**0.0732**	**1.0747**	**3.3700e-003**	**0.3943**	**2.0100e-003**	**0.3963**	**0.1046**	**1.8500e-003**	**0.1064**		**340.5882**	**340.5882**	**8.6900e-003**	**8.2000e-003**	**343.2501**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2025

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1160	0.0663	1.0061	3.2500e-003	0.3943	1.9200e-003	0.3962	0.1046	1.7700e-003	0.1064		328.9714	328.9714	7.9100e-003	7.7000e-003	331.4642
Total	**0.1160**	**0.0663**	**1.0061**	**3.2500e-003**	**0.3943**	**1.9200e-003**	**0.3962**	**0.1046**	**1.7700e-003**	**0.1064**		**328.9714**	**328.9714**	**7.9100e-003**	**7.7000e-003**	**331.4642**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2025

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1160	0.0663	1.0061	3.2500e-003	0.3943	1.9200e-003	0.3962	0.1046	1.7700e-003	0.1064		328.9714	328.9714	7.9100e-003	7.7000e-003	331.4642
Total	**0.1160**	**0.0663**	**1.0061**	**3.2500e-003**	**0.3943**	**1.9200e-003**	**0.3962**	**0.1046**	**1.7700e-003**	**0.1064**		**328.9714**	**328.9714**	**7.9100e-003**	**7.7000e-003**	**331.4642**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1096	0.0605	0.9477	3.1500e-003	0.3943	1.8300e-003	0.3961	0.1046	1.6800e-003	0.1063		318.6705	318.6705	7.2400e-003	7.2800e-003	321.0211
Total	**0.1096**	**0.0605**	**0.9477**	**3.1500e-003**	**0.3943**	**1.8300e-003**	**0.3961**	**0.1046**	**1.6800e-003**	**0.1063**		**318.6705**	**318.6705**	**7.2400e-003**	**7.2800e-003**	**321.0211**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1096	0.0605	0.9477	3.1500e-003	0.3943	1.8300e-003	0.3961	0.1046	1.6800e-003	0.1063		318.6705	318.6705	7.2400e-003	7.2800e-003	321.0211
Total	**0.1096**	**0.0605**	**0.9477**	**3.1500e-003**	**0.3943**	**1.8300e-003**	**0.3961**	**0.1046**	**1.6800e-003**	**0.1063**		**318.6705**	**318.6705**	**7.2400e-003**	**7.2800e-003**	**321.0211**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	0.1159					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1041**	**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**

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	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
Worker	0.0411	0.0244	0.3582	1.1200e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		113.5294	113.5294	2.9000e-003	2.7300e-003	114.4167
Total	**0.0411**	**0.0244**	**0.3582**	**1.1200e-003**	**0.1314**	**6.7000e-004**	**0.1321**	**0.0349**	**6.2000e-004**	**0.0355**		**113.5294**	**113.5294**	**2.9000e-003**	**2.7300e-003**	**114.4167**

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.1159					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1041**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

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	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
Worker	0.0411	0.0244	0.3582	1.1200e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		113.5294	113.5294	2.9000e-003	2.7300e-003	114.4167
Total	**0.0411**	**0.0244**	**0.3582**	**1.1200e-003**	**0.1314**	**6.7000e-004**	**0.1321**	**0.0349**	**6.2000e-004**	**0.0355**		**113.5294**	**113.5294**	**2.9000e-003**	**2.7300e-003**	**114.4167**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	4.0669	3.7647	34.8084	0.0770	8.8801	0.0561	8.9362	2.3654	0.0523	2.4177		7,852.2613	7,852.2613	0.5366	0.3367	7,966.0094
Unmitigated	4.0669	3.7647	34.8084	0.0770	8.8801	0.0561	8.9362	2.3654	0.0523	2.4177		7,852.2613	7,852.2613	0.5366	0.3367	7,966.0094

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,212.00	1,094.84	911.02	3,290,068	3,290,068
City Park	55.00	55.00	55.00	117,417	117,417
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	416.00	394.58	191.78	586,610	586,610
Total	1,683.00	1,544.42	1,157.80	3,994,095	3,994,095

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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
City Park	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Other Asphalt Surfaces	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Strip Mall	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359
NaturalGas Unmitigated	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359

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					
Apartments Mid Rise	4026.75	0.0434	0.3711	0.1579	2.3700e-003		0.0300	0.0300		0.0300	0.0300		473.7348	473.7348	9.0800e-003	8.6900e-003	476.5499
City Park	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
Other Asphalt Surfaces	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
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
Strip Mall	63.2548	6.8000e-004	6.2000e-003	5.2100e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		7.4417	7.4417	1.4000e-004	1.4000e-004	7.4860
Total		**0.0441**	**0.3773**	**0.1631**	**2.4100e-003**		**0.0305**	**0.0305**		**0.0305**	**0.0305**		**481.1765**	**481.1765**	**9.2200e-003**	**8.8300e-003**	**484.0359**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

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					
Apartments Mid Rise	4.02675	0.0434	0.3711	0.1579	2.3700e-003		0.0300	0.0300		0.0300	0.0300		473.7348	473.7348	9.0800e-003	8.6900e-003	476.5499
City Park	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
Other Asphalt Surfaces	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
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
Strip Mall	0.0632548	6.8000e-004	6.2000e-003	5.2100e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		7.4417	7.4417	1.4000e-004	1.4000e-004	7.4860
Total		**0.0441**	**0.3773**	**0.1631**	**2.4100e-003**		**0.0305**	**0.0305**		**0.0305**	**0.0305**		**481.1765**	**481.1765**	**9.2200e-003**	**8.8300e-003**	**484.0359**

6.0 Area Detail

6.1 Mitigation Measures Area

San Marcos Restaruant Row Project - San Diego County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503
Unmitigated	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503

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	1.8219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.5931					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	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
Landscaping	0.5009	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924		30.0305	30.0305	0.0288		30.7503
Total	**6.9158**	**0.1919**	**16.6601**	**8.8000e-004**		**0.0924**	**0.0924**		**0.0924**	**0.0924**	**0.0000**	**30.0305**	**30.0305**	**0.0288**	**0.0000**	**30.7503**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

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	1.8219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.5931					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	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
Landscaping	0.5009	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924		30.0305	30.0305	0.0288		30.7503
Total	**6.9158**	**0.1919**	**16.6601**	**8.8000e-004**		**0.0924**	**0.0924**		**0.0924**	**0.0924**	**0.0000**	**30.0305**	**30.0305**	**0.0288**	**0.0000**	**30.7503**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

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

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

San Marcos Restaruant Row Project

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	2.10	Acre	2.10	91,476.00	0
Parking Lot	91.00	Space	0.82	36,400.00	0
City Park	1.10	Acre	1.10	47,916.00	0
Apartments Mid Rise	202.00	Dwelling Unit	5.32	202,000.00	578
Strip Mall	10.40	1000sqft	0.24	10,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	539.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Based on applicant provided information

Construction Phase - Based on applicant provided information

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Defualt values

Trips and VMT - Trips rounded up to nearest even number to include arrival and departure trips. Grading haul trips based on CalEEMod default of 16 CY per truck.

Demolition - Demo includes 63,484 sqft of existing buildings and removal of 376,358 sqft of existing pavement.

Grading - Applicant Provided Information

Vehicle Trips - Based on Traffic Report, Intersecting Metrics, 2022.

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Woodstoves - Per applicant no wood buring or natural gas buring fireplaces.

Construction Off-road Equipment Mitigation -

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	34.00
tblConstructionPhase	NumDays	30.00	147.00
tblConstructionPhase	NumDays	300.00	560.00
tblConstructionPhase	NumDays	20.00	490.00
tblConstructionPhase	NumDays	20.00	66.00
tblFireplaces	FireplaceDayYear	82.00	0.00
tblFireplaces	FireplaceHourDay	3.00	0.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	111.10	0.00
tblFireplaces	NumberNoFireplace	20.20	0.00
tblFireplaces	NumberWood	70.70	0.00
tblGrading	MaterialImported	0.00	184,420.00
tblTripsAndVMT	HaulingTripNumber	23,053.00	23,052.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblTripsAndVMT	VendorTripNumber	59.00	60.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblTripsAndVMT	WorkerTripNumber	239.00	240.00
tblTripsAndVMT	WorkerTripNumber	15.00	16.00
tblVehicleTrips	ST_TR	4.91	5.42
tblVehicleTrips	ST_TR	1.96	50.00
tblVehicleTrips	ST_TR	42.04	37.94
tblVehicleTrips	SU_TR	4.09	4.51
tblVehicleTrips	SU_TR	2.19	50.00
tblVehicleTrips	SU_TR	20.43	18.44
tblVehicleTrips	WD_TR	5.44	6.00
tblVehicleTrips	WD_TR	0.78	50.00
tblVehicleTrips	WD_TR	44.32	40.00
tblWoodstoves	NumberCatalytic	10.10	0.00
tblWoodstoves	NumberNoncatalytic	10.10	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2024	20.8503	82.2811	74.0110	0.2412	33.0590	2.6840	35.3138	12.2897	2.4939	14.3753	0.0000	24,816.8426	24,816.8426	3.9213	2.2265	25,476.4665
2025	15.9321	16.6988	24.5675	0.0602	2.7722	0.6064	3.3786	0.7445	0.5735	1.3180	0.0000	5,983.9348	5,983.9348	0.7090	0.2354	6,071.7995
2026	15.8900	16.6318	24.2287	0.0594	2.7722	0.6057	3.3779	0.7445	0.5728	1.3173	0.0000	5,901.2418	5,901.2418	0.7058	0.2290	5,987.1322
Maximum	**20.8503**	**82.2811**	**74.0110**	**0.2412**	**33.0590**	**2.6840**	**35.3138**	**12.2897**	**2.4939**	**14.3753**	**0.0000**	**24,816.8426**	**24,816.8426**	**3.9213**	**2.2265**	**25,476.4665**

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					
2024	20.8503	82.2811	74.0110	0.2412	15.5913	2.6840	17.8462	5.7253	2.4939	7.8110	0.0000	24,816.8426	24,816.8426	3.9213	2.2265	25,476.4664
2025	15.9321	16.6988	24.5675	0.0602	2.7722	0.6064	3.3786	0.7445	0.5735	1.3180	0.0000	5,983.9348	5,983.9348	0.7090	0.2354	6,071.7995
2026	15.8900	16.6318	24.2287	0.0594	2.7722	0.6057	3.3779	0.7445	0.5728	1.3173	0.0000	5,901.2418	5,901.2418	0.7058	0.2290	5,987.1322
Maximum	**20.8503**	**82.2811**	**74.0110**	**0.2412**	**15.5913**	**2.6840**	**17.8462**	**5.7253**	**2.4939**	**7.8110**	**0.0000**	**24,816.8426**	**24,816.8426**	**3.9213**	**2.2265**	**25,476.4664**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.00	0.00	0.00	0.00	45.25	0.00	41.52	47.64	0.00	38.59	0.00	0.00	0.00	0.00	0.00	0.00

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503
Energy	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359
Mobile	3.9458	4.0787	35.9883	0.0737	8.8801	0.0562	8.9362	2.3654	0.0524	2.4177		7,516.3270	7,516.3270	0.5676	0.3544	7,636.1165
Total	**10.9058**	**4.6479**	**52.8115**	**0.0770**	**8.8801**	**0.1791**	**9.0591**	**2.3654**	**0.1753**	**2.5406**	**0.0000**	**8,027.5339**	**8,027.5339**	**0.6056**	**0.3632**	**8,150.9027**

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	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503
Energy	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359
Mobile	3.9458	4.0787	35.9883	0.0737	8.8801	0.0562	8.9362	2.3654	0.0524	2.4177		7,516.3270	7,516.3270	0.5676	0.3544	7,636.1165
Total	**10.9058**	**4.6479**	**52.8115**	**0.0770**	**8.8801**	**0.1791**	**9.0591**	**2.3654**	**0.1753**	**2.5406**	**0.0000**	**8,027.5339**	**8,027.5339**	**0.6056**	**0.3632**	**8,150.9027**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	2/15/2024	5	34	
2	Site Preparation	Site Preparation	1/28/2024	2/10/2024	5	10	
3	Grading	Grading	2/11/2024	9/3/2024	5	147	
4	Building Construction	Building Construction	3/25/2024	5/17/2026	5	560	
5	Architectural Coating	Architectural Coating	6/15/2024	5/1/2026	5	490	
6	Paving	Paving	9/3/2024	12/3/2024	5	66	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 441

Acres of Paving: 2.92

Residential Indoor: 409,050; Residential Outdoor: 136,350; Non-Residential Indoor: 15,600; Non-Residential Outdoor: 5,200; Striped Parking Area: 7,673 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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
Demolition	6	16.00	4.00	1,878.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	4.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	4.00	23,052.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	240.00	60.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	48.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	16.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 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					
Fugitive Dust					12.1024	0.0000	12.1024	1.8327	0.0000	1.8327			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922		3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**12.1024**	**0.9602**	**13.0625**	**1.8327**	**0.8922**	**2.7249**		**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

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	0.1161	7.4522	2.0372	0.0324	0.9661	0.0618	1.0279	0.2648	0.0591	0.3239		3,591.8345	3,591.8345	0.1893	0.5716	3,766.9155
Vendor	4.4600e-003	0.1775	0.0622	8.0000e-004	0.0271	1.0500e-003	0.0282	7.8000e-003	1.0100e-003	8.8100e-003		87.0043	87.0043	2.7300e-003	0.0126	90.8295
Worker	0.0446	0.0275	0.3411	1.0600e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		107.3036	107.3036	3.0900e-003	2.9600e-003	108.2620
Total	**0.1652**	**7.6571**	**2.4404**	**0.0343**	**1.1246**	**0.0635**	**1.1882**	**0.3075**	**0.0608**	**0.3682**		**3,786.1423**	**3,786.1423**	**0.1951**	**0.5872**	**3,966.0070**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

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					5.4461	0.0000	5.4461	0.8247	0.0000	0.8247			0.0000			0.0000
Off-Road	2.2437	20.8781	19.7073	0.0388		0.9602	0.9602		0.8922	0.8922	0.0000	3,747.4228	3,747.4228	1.0485		3,773.6345
Total	**2.2437**	**20.8781**	**19.7073**	**0.0388**	**5.4461**	**0.9602**	**6.4062**	**0.8247**	**0.8922**	**1.7169**	**0.0000**	**3,747.4228**	**3,747.4228**	**1.0485**		**3,773.6345**

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	0.1161	7.4522	2.0372	0.0324	0.9661	0.0618	1.0279	0.2648	0.0591	0.3239		3,591.8345	3,591.8345	0.1893	0.5716	3,766.9155
Vendor	4.4600e-003	0.1775	0.0622	8.0000e-004	0.0271	1.0500e-003	0.0282	7.8000e-003	1.0100e-003	8.8100e-003		87.0043	87.0043	2.7300e-003	0.0126	90.8295
Worker	0.0446	0.0275	0.3411	1.0600e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		107.3036	107.3036	3.0900e-003	2.9600e-003	108.2620
Total	**0.1652**	**7.6571**	**2.4404**	**0.0343**	**1.1246**	**0.0635**	**1.1882**	**0.3075**	**0.0608**	**0.3682**		**3,786.1423**	**3,786.1423**	**0.1951**	**0.5872**	**3,966.0070**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310		3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**19.6570**	**1.2294**	**20.8864**	**10.1025**	**1.1310**	**11.2335**		**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

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	0.0000
Vendor	4.4600e-003	0.1775	0.0622	8.0000e-004	0.0271	1.0500e-003	0.0282	7.8000e-003	1.0100e-003	8.8100e-003		87.0043	87.0043	2.7300e-003	0.0126	90.8295
Worker	0.0502	0.0309	0.3837	1.1900e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		120.7165	120.7165	3.4800e-003	3.3300e-003	121.7947
Total	**0.0547**	**0.2084**	**0.4459**	**1.9900e-003**	**0.1750**	**1.8000e-003**	**0.1768**	**0.0470**	**1.7000e-003**	**0.0487**		**207.7208**	**207.7208**	**6.2100e-003**	**0.0159**	**212.6243**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 2024

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					8.8457	0.0000	8.8457	4.5461	0.0000	4.5461			0.0000			0.0000
Off-Road	2.6609	27.1760	18.3356	0.0381		1.2294	1.2294		1.1310	1.1310	0.0000	3,688.0100	3,688.0100	1.1928		3,717.8294
Total	**2.6609**	**27.1760**	**18.3356**	**0.0381**	**8.8457**	**1.2294**	**10.0750**	**4.5461**	**1.1310**	**5.6771**	**0.0000**	**3,688.0100**	**3,688.0100**	**1.1928**		**3,717.8294**

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	0.0000
Vendor	4.4600e-003	0.1775	0.0622	8.0000e-004	0.0271	1.0500e-003	0.0282	7.8000e-003	1.0100e-003	8.8100e-003		87.0043	87.0043	2.7300e-003	0.0126	90.8295
Worker	0.0502	0.0309	0.3837	1.1900e-003	0.1479	7.5000e-004	0.1486	0.0392	6.9000e-004	0.0399		120.7165	120.7165	3.4800e-003	3.3300e-003	121.7947
Total	**0.0547**	**0.2084**	**0.4459**	**1.9900e-003**	**0.1750**	**1.8000e-003**	**0.1768**	**0.0470**	**1.7000e-003**	**0.0487**		**207.7208**	**207.7208**	**6.2100e-003**	**0.0159**	**212.6243**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 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					
Fugitive Dust					9.3799	0.0000	9.3799	3.6805	0.0000	3.6805			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286		6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**9.3799**	**1.3354**	**10.7153**	**3.6805**	**1.2286**	**4.9090**		**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

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	0.3297	21.1571	5.7836	0.0920	2.7428	0.1754	2.9183	0.7518	0.1679	0.9197		10,197.4345	10,197.4345	0.5373	1.6229	10,694.4999
Vendor	4.4600e-003	0.1775	0.0622	8.0000e-004	0.0271	1.0500e-003	0.0282	7.8000e-003	1.0100e-003	8.8100e-003		87.0043	87.0043	2.7300e-003	0.0126	90.8295
Worker	0.0558	0.0343	0.4263	1.3300e-003	0.1643	8.4000e-004	0.1651	0.0436	7.7000e-004	0.0444		134.1294	134.1294	3.8600e-003	3.7000e-003	135.3275
Total	**0.3899**	**21.3689**	**6.2722**	**0.0942**	**2.9342**	**0.1773**	**3.1115**	**0.8032**	**0.1696**	**0.9728**		**10,418.5682**	**10,418.5682**	**0.5439**	**1.6392**	**10,920.6569**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Grading - 2024

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					4.2209	0.0000	4.2209	1.6562	0.0000	1.6562			0.0000			0.0000
Off-Road	3.2181	32.3770	27.7228	0.0621		1.3354	1.3354		1.2286	1.2286	0.0000	6,009.7487	6,009.7487	1.9437		6,058.3405
Total	**3.2181**	**32.3770**	**27.7228**	**0.0621**	**4.2209**	**1.3354**	**5.5563**	**1.6562**	**1.2286**	**2.8848**	**0.0000**	**6,009.7487**	**6,009.7487**	**1.9437**		**6,058.3405**

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	0.3297	21.1571	5.7836	0.0920	2.7428	0.1754	2.9183	0.7518	0.1679	0.9197		10,197.4345	10,197.4345	0.5373	1.6229	10,694.4999
Vendor	4.4600e-003	0.1775	0.0622	8.0000e-004	0.0271	1.0500e-003	0.0282	7.8000e-003	1.0100e-003	8.8100e-003		87.0043	87.0043	2.7300e-003	0.0126	90.8295
Worker	0.0558	0.0343	0.4263	1.3300e-003	0.1643	8.4000e-004	0.1651	0.0436	7.7000e-004	0.0444		134.1294	134.1294	3.8600e-003	3.7000e-003	135.3275
Total	**0.3899**	**21.3689**	**6.2722**	**0.0942**	**2.9342**	**0.1773**	**3.1115**	**0.8032**	**0.1696**	**0.9728**		**10,418.5682**	**10,418.5682**	**0.5439**	**1.6392**	**10,920.6569**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 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**

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	0.0000
Vendor	0.0669	2.6623	0.9331	0.0121	0.4064	0.0158	0.4222	0.1170	0.0151	0.1321		1,305.0641	1,305.0641	0.0409	0.1891	1,362.4430
Worker	0.6695	0.4118	5.1160	0.0159	1.9715	0.0101	1.9816	0.5230	9.2600e-003	0.5322		1,609.5532	1,609.5532	0.0464	0.0444	1,623.9298
Total	**0.7364**	**3.0741**	**6.0491**	**0.0280**	**2.3779**	**0.0259**	**2.4038**	**0.6399**	**0.0244**	**0.6643**		**2,914.6174**	**2,914.6174**	**0.0873**	**0.2335**	**2,986.3728**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2024

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	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	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**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

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	0.0000
Vendor	0.0669	2.6623	0.9331	0.0121	0.4064	0.0158	0.4222	0.1170	0.0151	0.1321		1,305.0641	1,305.0641	0.0409	0.1891	1,362.4430
Worker	0.6695	0.4118	5.1160	0.0159	1.9715	0.0101	1.9816	0.5230	9.2600e-003	0.5322		1,609.5532	1,609.5532	0.0464	0.0444	1,623.9298
Total	**0.7364**	**3.0741**	**6.0491**	**0.0280**	**2.3779**	**0.0259**	**2.4038**	**0.6399**	**0.0244**	**0.6643**		**2,914.6174**	**2,914.6174**	**0.0873**	**0.2335**	**2,986.3728**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0647	2.6364	0.9177	0.0118	0.4064	0.0158	0.4221	0.1170	0.0151	0.1321		1,280.2129	1,280.2129	0.0420	0.1854	1,336.5144
Worker	0.6318	0.3727	4.7967	0.0154	1.9715	9.6100e-003	1.9812	0.5230	8.8500e-003	0.5318		1,554.8329	1,554.8329	0.0423	0.0416	1,568.2959
Total	**0.6965**	**3.0091**	**5.7144**	**0.0272**	**2.3779**	**0.0254**	**2.4033**	**0.6399**	**0.0239**	**0.6639**		**2,835.0458**	**2,835.0458**	**0.0843**	**0.2270**	**2,904.8103**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0647	2.6364	0.9177	0.0118	0.4064	0.0158	0.4221	0.1170	0.0151	0.1321		1,280.2129	1,280.2129	0.0420	0.1854	1,336.5144
Worker	0.6318	0.3727	4.7967	0.0154	1.9715	9.6100e-003	1.9812	0.5230	8.8500e-003	0.5318		1,554.8329	1,554.8329	0.0423	0.0416	1,568.2959
Total	**0.6965**	**3.0091**	**5.7144**	**0.0272**	**2.3779**	**0.0254**	**2.4033**	**0.6399**	**0.0239**	**0.6639**		**2,835.0458**	**2,835.0458**	**0.0843**	**0.2270**	**2,904.8103**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963		2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**		**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0628	2.6084	0.9065	0.0116	0.4064	0.0156	0.4220	0.1170	0.0150	0.1319		1,255.7954	1,255.7954	0.0430	0.1818	1,311.0446
Worker	0.5983	0.3402	4.5236	0.0149	1.9715	9.1400e-003	1.9807	0.5230	8.4100e-003	0.5314		1,506.2700	1,506.2700	0.0388	0.0394	1,518.9647
Total	**0.6611**	**2.9486**	**5.4302**	**0.0265**	**2.3779**	**0.0248**	**2.4027**	**0.6399**	**0.0234**	**0.6633**		**2,762.0653**	**2,762.0653**	**0.0818**	**0.2211**	**2,830.0093**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	1.3674	12.4697	16.0847	0.0270		0.5276	0.5276		0.4963	0.4963	0.0000	2,556.4744	2,556.4744	0.6010		2,571.4981
Total	**1.3674**	**12.4697**	**16.0847**	**0.0270**		**0.5276**	**0.5276**		**0.4963**	**0.4963**	**0.0000**	**2,556.4744**	**2,556.4744**	**0.6010**		**2,571.4981**

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	0.0000
Vendor	0.0628	2.6084	0.9065	0.0116	0.4064	0.0156	0.4220	0.1170	0.0150	0.1319		1,255.7954	1,255.7954	0.0430	0.1818	1,311.0446
Worker	0.5983	0.3402	4.5236	0.0149	1.9715	9.1400e-003	1.9807	0.5230	8.4100e-003	0.5314		1,506.2700	1,506.2700	0.0388	0.0394	1,518.9647
Total	**0.6611**	**2.9486**	**5.4302**	**0.0265**	**2.3779**	**0.0248**	**2.4027**	**0.6399**	**0.0234**	**0.6633**		**2,762.0653**	**2,762.0653**	**0.0818**	**0.2211**	**2,830.0093**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	13.5709					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	**13.7517**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	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
Worker	0.1339	0.0824	1.0232	3.1800e-003	0.3943	2.0100e-003	0.3963	0.1046	1.8500e-003	0.1064		321.9107	321.9107	9.2700e-003	8.8700e-003	324.7860
Total	**0.1339**	**0.0824**	**1.0232**	**3.1800e-003**	**0.3943**	**2.0100e-003**	**0.3963**	**0.1046**	**1.8500e-003**	**0.1064**		**321.9107**	**321.9107**	**9.2700e-003**	**8.8700e-003**	**324.7860**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2024

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	13.5709					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	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**13.7517**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

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	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
Worker	0.1339	0.0824	1.0232	3.1800e-003	0.3943	2.0100e-003	0.3963	0.1046	1.8500e-003	0.1064		321.9107	321.9107	9.2700e-003	8.8700e-003	324.7860
Total	**0.1339**	**0.0824**	**1.0232**	**3.1800e-003**	**0.3943**	**2.0100e-003**	**0.3963**	**0.1046**	**1.8500e-003**	**0.1064**		**321.9107**	**321.9107**	**9.2700e-003**	**8.8700e-003**	**324.7860**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2025

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1264	0.0745	0.9593	3.0800e-003	0.3943	1.9200e-003	0.3962	0.1046	1.7700e-003	0.1064		310.9666	310.9666	8.4600e-003	8.3300e-003	313.6592
Total	**0.1264**	**0.0745**	**0.9593**	**3.0800e-003**	**0.3943**	**1.9200e-003**	**0.3962**	**0.1046**	**1.7700e-003**	**0.1064**		**310.9666**	**310.9666**	**8.4600e-003**	**8.3300e-003**	**313.6592**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2025

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1264	0.0745	0.9593	3.0800e-003	0.3943	1.9200e-003	0.3962	0.1046	1.7700e-003	0.1064		310.9666	310.9666	8.4600e-003	8.3300e-003	313.6592
Total	**0.1264**	**0.0745**	**0.9593**	**3.0800e-003**	**0.3943**	**1.9200e-003**	**0.3962**	**0.1046**	**1.7700e-003**	**0.1064**		**310.9666**	**310.9666**	**8.4600e-003**	**8.3300e-003**	**313.6592**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1197	0.0680	0.9047	2.9800e-003	0.3943	1.8300e-003	0.3961	0.1046	1.6800e-003	0.1063		301.2540	301.2540	7.7500e-003	7.8700e-003	303.7929
Total	**0.1197**	**0.0680**	**0.9047**	**2.9800e-003**	**0.3943**	**1.8300e-003**	**0.3961**	**0.1046**	**1.6800e-003**	**0.1063**		**301.2540**	**301.2540**	**7.7500e-003**	**7.8700e-003**	**303.7929**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	13.5709					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**13.7418**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

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	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
Worker	0.1197	0.0680	0.9047	2.9800e-003	0.3943	1.8300e-003	0.3961	0.1046	1.6800e-003	0.1063		301.2540	301.2540	7.7500e-003	7.8700e-003	303.7929
Total	**0.1197**	**0.0680**	**0.9047**	**2.9800e-003**	**0.3943**	**1.8300e-003**	**0.3961**	**0.1046**	**1.6800e-003**	**0.1063**		**301.2540**	**301.2540**	**7.7500e-003**	**7.8700e-003**	**303.7929**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	0.1159					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1041**	**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**

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	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
Worker	0.0446	0.0275	0.3411	1.0600e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		107.3036	107.3036	3.0900e-003	2.9600e-003	108.2620
Total	**0.0446**	**0.0275**	**0.3411**	**1.0600e-003**	**0.1314**	**6.7000e-004**	**0.1321**	**0.0349**	**6.2000e-004**	**0.0355**		**107.3036**	**107.3036**	**3.0900e-003**	**2.9600e-003**	**108.2620**

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Paving - 2024

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	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.1159					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.1041**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

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	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
Worker	0.0446	0.0275	0.3411	1.0600e-003	0.1314	6.7000e-004	0.1321	0.0349	6.2000e-004	0.0355		107.3036	107.3036	3.0900e-003	2.9600e-003	108.2620
Total	**0.0446**	**0.0275**	**0.3411**	**1.0600e-003**	**0.1314**	**6.7000e-004**	**0.1321**	**0.0349**	**6.2000e-004**	**0.0355**		**107.3036**	**107.3036**	**3.0900e-003**	**2.9600e-003**	**108.2620**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	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	3.9458	4.0787	35.9883	0.0737	8.8801	0.0562	8.9362	2.3654	0.0524	2.4177		7,516.3270	7,516.3270	0.5676	0.3544	7,636.1165
Unmitigated	3.9458	4.0787	35.9883	0.0737	8.8801	0.0562	8.9362	2.3654	0.0524	2.4177		7,516.3270	7,516.3270	0.5676	0.3544	7,636.1165

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,212.00	1,094.84	911.02	3,290,068	3,290,068
City Park	55.00	55.00	55.00	117,417	117,417
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	416.00	394.58	191.78	586,610	586,610
Total	1,683.00	1,544.42	1,157.80	3,994,095	3,994,095

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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
City Park	9.50	7.30	7.30	33.00	48.00	19.00	66	28	6

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
City Park	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Other Asphalt Surfaces	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Strip Mall	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359
NaturalGas Unmitigated	0.0441	0.3773	0.1631	2.4100e-003		0.0305	0.0305		0.0305	0.0305		481.1765	481.1765	9.2200e-003	8.8200e-003	484.0359

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					
Apartments Mid Rise	4026.75	0.0434	0.3711	0.1579	2.3700e-003		0.0300	0.0300		0.0300	0.0300		473.7348	473.7348	9.0800e-003	8.6900e-003	476.5499
City Park	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
Other Asphalt Surfaces	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
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
Strip Mall	63.2548	6.8000e-004	6.2000e-003	5.2100e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		7.4417	7.4417	1.4000e-004	1.4000e-004	7.4860
Total		**0.0441**	**0.3773**	**0.1631**	**2.4100e-003**		**0.0305**	**0.0305**		**0.0305**	**0.0305**		**481.1765**	**481.1765**	**9.2200e-003**	**8.8300e-003**	**484.0359**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

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					
Apartments Mid Rise	4.02675	0.0434	0.3711	0.1579	2.3700e-003		0.0300	0.0300		0.0300	0.0300		473.7348	473.7348	9.0800e-003	8.6900e-003	476.5499
City Park	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
Other Asphalt Surfaces	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
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
Strip Mall	0.0632548	6.8000e-004	6.2000e-003	5.2100e-003	4.0000e-005		4.7000e-004	4.7000e-004		4.7000e-004	4.7000e-004		7.4417	7.4417	1.4000e-004	1.4000e-004	7.4860
Total		**0.0441**	**0.3773**	**0.1631**	**2.4100e-003**		**0.0305**	**0.0305**		**0.0305**	**0.0305**		**481.1765**	**481.1765**	**9.2200e-003**	**8.8300e-003**	**484.0359**

6.0 Area Detail

6.1 Mitigation Measures Area

San Marcos Restaruant Row Project - San Diego County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503
Unmitigated	6.9159	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924	0.0000	30.0305	30.0305	0.0288	0.0000	30.7503

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	1.8219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.5931					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	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
Landscaping	0.5009	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924		30.0305	30.0305	0.0288		30.7503
Total	**6.9158**	**0.1919**	**16.6601**	**8.8000e-004**		**0.0924**	**0.0924**		**0.0924**	**0.0924**	**0.0000**	**30.0305**	**30.0305**	**0.0288**	**0.0000**	**30.7503**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

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	1.8219					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.5931					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	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
Landscaping	0.5009	0.1919	16.6601	8.8000e-004		0.0924	0.0924		0.0924	0.0924		30.0305	30.0305	0.0288		30.7503
Total	**6.9158**	**0.1919**	**16.6601**	**8.8000e-004**		**0.0924**	**0.0924**		**0.0924**	**0.0924**	**0.0000**	**30.0305**	**30.0305**	**0.0288**	**0.0000**	**30.7503**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

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

Appendix B

CAP Checklist

CLIMATE ACTION PLAN CONSISTENCY REVIEW CHECKLIST

INTRODUCTION

The City of San Marcos (City) adopted an updated Climate Action Plan (CAP) in December, 2020. The CAP outlines strategies and measures that the City will undertake to achieve its proportional share of State greenhouse gas (GHG) emissions reduction targets. The purpose of the CAP Consistency Checklist (Checklist), in conjunction with the CAP, is to provide a streamlined review process for all proposed development projects that are subject to discretionary review and/or trigger environmental review pursuant to the California Environmental Quality Act (CEQA).

Analysis of GHG emissions and potential climate change impacts from new development is required under CEQA. The City's CAP is a qualified greenhouse gas (GHG) emissions reduction plan in accordance with State CEQA Guidelines Section 15183.5. Pursuant to CEQA Guidelines Sections 15064(h)(3), 15130(d), and 15183(b), a project's incremental contribution to a cumulative GHG emissions effect may be determined not to be cumulatively considerable if it complies with the requirements of a CAP.

The purpose of this Checklist is to implement GHG reduction measures from the CAP that apply to new discretionary development projects. New development would demonstrate consistency with relevant CAP strategies and would not conflict with the City's ability to achieve the identified GHG reduction targets through implementation of applicable measures. Projects that are consistent with the CAP, as determined through the use of this Checklist, may rely on the CAP for the cumulative impact analysis of GHG emissions. Projects that are not consistent with the CAP must prepare a comprehensive project-specific analysis of GHG emissions, including quantification of existing and projected GHG emissions and incorporation of the measures in this Checklist to the extent feasible. Cumulative GHG impacts would be significant for any project that is not consistent with the CAP.

This Checklist may be updated periodically to incorporate new GHG reduction techniques or to comply with later amendments to the CAP or local, State, or federal law. Comprehensive updates to this Checklist will be coordinated with each CAP update. Administrative updates to the Checklist may occur regularly, as necessary for the purpose of keeping the Checklist up-to-date and implementable. Updates to the CAP Checklist associated with an update to the City's CAP would also require City Council approval and shall comply with CEQA.

Appendix

APPLICABILITY AND PROCEDURES

This Checklist is required only for discretionary projects[1] that are subject to and not exempt from CEQA. Projects that are exempt from CEQA are deemed to be consistent with the City's CAP, and no further review is necessary, with the exception of a Class 32 "In-Fill Development Projects" categorical exemption (State CEQA Guidelines Section 15332), for which projects are required to demonstrate consistency with the CAP through this Checklist.

General procedures for Checklist compliance and review are described below. Specific guidance is also provided under each of the questions under Steps 1 and 2 of the Checklist.

- The City's Development Services - Planning Division reviews development applications and makes determinations regarding environmental review requirements under CEQA.
- The specific applicable requirements outlined in the Checklist shall be required as conditions of project approval.
- The project must provide written documentation and supporting evidence that demonstrate how the proposed project would implement each applicable Checklist requirement described herein to the satisfaction of the Planning Division.
- If a question in the Checklist is deemed not applicable (N/A) to a project, written documentation and evidence supporting that conclusion shall be provided to the satisfaction of the Planning Division. Each Checklist question provides the scenario(s) where checking N/A may be acceptable. If a measure is deemed not applicable for reasons other than those outlined in each question, supporting evidence will need to be provided and would be subject to Planning Division approval. A project may be determined to be inconsistent with the CAP if the N/A response is deemed to be not supported by credible evidence.
- Development projects requiring discretionary review that cannot demonstrate consistency with the CAP using this Checklist shall prepare a separate, project-level GHG analysis as part of the CEQA document prepared for the project.

[1] In this context, a project is any action that meets the definition of a "Project" in Section 15378 of the State CEQA Guidelines.

Application Information

Contact Information

Project No. and Name: San Marcos Restaurant Row

Property Address and APN: 1020 West San Marcos Boulevard on the northwest cornerof West San Marcos Boulevard and Via Vera Cruz (APNs 219-200-30, 31, 45, 46).

Applicant Name and Co.: Lennar Homes of California, LLC

Contact Phone: (858) 618-4942 Contact Email: David.Shepherd@lennar.com

Was a consultant retained to complete this checklist? ☑ Yes ☐ No

If Yes, complete the following:

Consultant Name: Dudek (David Larocca) Contact Phone: 971-930-1712

Company Name: Dudek Contact Email: dlarocca@dudek.com

Project Information

1. What is the size of the project site (acres)? 10.5

2. Identify all applicable proposed land uses:

   ☐ Residential (indicate # of single-family dwelling units):

   ☑ Residential (indicate # of multi-family dwelling units): 202

   ☑ Commercial (indicate total square footage): 10,400

   ☐ Industrial (indicate total square footage):

   ☐ Other (describe):

3. Provide a description of the project proposed. This description should match the basic project description used for the CEQA document. The description may be attached to the Checklist if there are space constraints.

The project site is located at 1020 West San Marcos Boulevard on the northwest corner of West San Marcos Boulevard and Via Vera Cruz (APNs 219-200-30, 31, 45, 46). The Proposed Project will replace 63,484 square feet (SF) of existing restaurant uses with 202 multi-family dwelling units and 10,400 SF of commercial retail uses on the 10.5-acrea project site. The project would provide 501 parking spaces, and common space area throughout the project site.

STEP 1: LAND USE CONSISTENCY

The first step in this section evaluates a project's GHG emissions consistent with the City's *Guidance to Demonstrating Consistency with the City of San Marcos Climate Action Plan: For Discretionary Projects Subject to CEQA* (Guidance Document). New discretionary development projects subject to CEQA review that emit fewer than 500 metric tons of carbon dioxide equivalent ($MTCO_2e$) annually would not contribute considerably to cumulative climate change impacts as stated in the City's Guidance Document, and therefore, would be considered consistent with the CAP and associated emissions projections.

For projects that are subject to CAP consistency review, the next step in determining consistency is to assess the project's consistency with the growth projections used in the development of the CAP. This section allows the city to determine a project's consistency with the land use assumptions used in the CAP.

Step 1: Land Use Consistency			
	Checklist Item (Check the appropriate box and provide an explanation and supporting documentation for your answer)	**Yes**	**No**
1.	The size and type of projects listed below would emit fewer than 500 $MTCO_2e$ per year. Based on this threshold, does the proposed project exceed these characteristics? ▪ Single Family Housing: 36 dwelling units ▪ Multi-Family Housing: 55 dwelling units ▪ Office: 43,000 square feet ▪ Commercial Space: 20,000 square feet ▪ Regional Shopping Center: 18,000 square feet ▪ Hotel: 37 rooms ▪ Restaurant (Sit-Down): 6,500 square feet ▪ Restaurant (Drive-Thru, High Turnover): 2,400 square feet ▪ General Light Industrial: 58,000 square feet ▪ University: 263 students ▪ Mixed-Use: See *Guidance to Demonstrating Consistency* memorandum for methods to estimate mixed-use development thresholds ▪ Other: For project types not listed in this section the need for GHG analysis and mitigation will be made on a project-specific basis, considering the 500 $MTCO_2e$ per year screening threshold. If **"Yes",** proceed to Question 2 of Step 1. If **"No",** in accordance with the City's CAP screening criteria, the project's GHG impact is less than significant and is not subject to the measures of the CAP.	☑	☐
2.	Is the proposed project consistent with the City's existing General Plan land use designation? If **"Yes"**, proceed to Step 2. If **"No"**, proceed to Question 3 of Step 1	☐	☑
3.	For projects not consistent with the existing General Plan land use designation, does the project include a General Plan Amendment that would generate GHG emissions equal to or less than estimated emissions generated under the existing designation? If **"Yes"**, proceed to Step 2 and provide estimated project emissions under both existing and proposed designation(s) for comparison. If **"No"**, the project's GHG impact is potentially significant, and a GHG analysis must be prepared in accordance with the City's Guidance Document and applicable CEQA guidelines. The project must incorporate each of the measures identified in Step 2 to mitigate cumulative GHG emissions impacts, along with	☑	☐

other mitigation measures as necessary based on a project specific GHG analysis.. Proceed and complete a project specific GHG analysis, and Step 2 of the Checklist.		

STEP 2: CAP MEASURES CONSISTENCY

The second step of CAP consistency review is to evaluate a project's consistency with the applicable strategies and measures of the CAP. Each Checklist item is associated with a specific GHG reduction measure in the City's CAP. "N/A" should only be checked based on the direction provided in each Checklist Item question. All projects for which the measure is applicable must demonstrate that they would implement measures consistent with the Checklist Item, or fully substantiate how the item would be infeasible for project implementation. "N/A" responses are subject to Planning Division review and approval. If "No" is provided as a response to a question, the project would be determined to be inconsistent with the CAP and result in a significant GHG impact.

Step 2: CAP Measures Consistency			
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	**Yes**	**No**	**N/A**
Project Design			
1. Electric Vehicle Charging Stations (Measure T-2) Multi-Family Residential and Non-Residential: Will the project install electric vehicle charging stations (Level 2 or better) in at least five percent of the total parking spaces provided on-site? Check "N/A" if the project is a single-family residential project or would not provide any parking.	☑	☐	☐
Please substantiate how the project satisfies question 1: The Proposed Project includes a total of 501 parking spaces, 25 of which will include level 2 or of better electric vehicle charging stations. Charging stations will be installed in all garage parking stalls.			
2. Bicycle Infrastructure (Measure T-8) Residential and Non-Residential Projects: If the following conditions are met, would the project pay its fair-share contribution to bicycle infrastructure improvements? ☑ Intersection or roadway segment improvements are proposed as part of the project and, ☑ The City's General Plan Mobility Element identifies bicycle infrastructure improvements at any intersection(s) or roadway segment(s) that would be improved as part of the project. Check "N/A" if the conditions above would not be met.	☑	☐	☐
Please substantiate how the project satisfies question 2: Specific details to be determined based on discussions with the City regarding San Marcos BLVD thru-way.			

Step 2: CAP Measures Consistency			
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	**Yes**	**No**	**N/A**
3. Transportation Demand Management (Measure T-9) <u>Multi-Family Residential and Non-Residential:</u> Will the project develop and implement a TDM plan that includes, at a minimum, all of the TDM strategies listed below? ☐ Provide discounted monthly transit pass or provide at least 25 percent transit fare subsidy to residents/employees. ☐ Provide designated car-share, carpool, vanpool, and/or park-and-ride parking spaces.[2] ☐ Provide pedestrian connections between all internal uses and to all existing or planned external streets around the project site(s). ☐ Provide secure bicycle parking spaces or bicycle racks, showers, and clothes lockers. ☐ Encourage telecommuting for employees (allow one telecommute day per week or compressed work weeks) or provide a telecommute work center with common office space and equipment available to residents. *-or-* ☑ Would the project implement and monitor for four (4) years a TDM program that demonstrates an alternative transportation (i.e. carpool, public transit, bicycle, walk, telecommute) mode share of at least 29 percent [3] for all residents? Check "N/A" if the project is a single-family residential project or is not subject to the City's TDM Ordinance.	☑	☐	☐

[2] The designated number of car-share, carpool, vanpool, and/or park-and-ride parking spaces provided at a rate equal to or greater than CALGreen minimum requirements.
[3] Measure T-10 requires projects to increase alternative mode share by seven percent. The baseline mode share for alternative transportation (i.e. carpool, public transit, bicycle, walk, and telecommute) is 22 percent based on 2010 Census Data.

Step 2: CAP Measures Consistency			
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	**Yes**	**No**	**N/A**

Please state which measure option the project for which the project would comply and substantiate how the project satisfies question 3:

The Proposed Project is not anticipated to have a VMT related impact; however, preparation of a TDM is anticipated for the project and will include an alternative mode share for 29 percent of all residents. The TDM Plan is a proposed condition of approval prior to issuance of the first building permit.

4. Reduce Parking Near Transit (Measure T-12) Multi-Family Residential: If located within a half-mile of a major transit stop[4], would the project provide at least 27 percent fewer parking spaces than required for the same use based on the City's municipal code parking requirements? Check "N/A" if the project is a single-family residential or non-residential project.	☐	☐	☑

Please substantiate how the project satisfies question 4:

Not applicable, the nearest major transit center, Palomar College Transit Center, is located greater than a half-mile from the proposes project site.

[4] Major transit stop is defined as a bus or light-rail station with fixed service and 10-minute minimum headways during peak hours. Project applicants should confirm with City staff if the project site would fall within this proximity tot a major transit stop.

Step 2: CAP Measures Consistency			
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	**Yes**	**No**	**N/A**
5. Water Heaters (Measure E-1) Residential: Will the project install one of, or a combination of, the following water heater types in place of natural gas water heaters? ☐ Electric heat pump water heater ☑ Instantaneous electric water heater ☐ Electric tank ☐ Solar water heater with heat pump water heater backup ☐ Solar water heater with electric tank backup Check "N/A" if the project is a non-residential project.	☑	☐	☐
Please substantiate how the project satisfies question 5: The Proposed Project would include solar and instant electric water heaters without water tanks.			
6. Photovoltaic Installation (Measure E-2) Non-Residential: Will the project install photovoltaic systems with a minimum capacity of two watts per square foot of gross floor area? Check "N/A" if the project is a residential project or if installation of on-site photovoltaic would be infeasible.	☑	☐	☐
Please substantiate how the project satisfies question 6: The gross floor area of the Proposed Project is 309,915 SF and the minimum solar panel capacity to be installed onsite is (309,915)x2/1,000 = 620 kW			

Step 2: CAP Measures Consistency			
Checklist Item (Check the appropriate box and provide an explanation for your answer. Please use additional sheets if necessary)	**Yes**	**No**	**N/A**
7. Landscaping Water Use (Measure W-1) Residential and Non-Residential: Will the project comply with the City's Water Efficient Landscape Ordinance?[5] Check "N/A" if the project is not proposing any landscaping or is not subject to the City's Water Efficient Landscape Ordinance.	☑	☐	☐
Please substantiate how the project satisfies question 7: Per San Marcos Municipal Code Section 20.330.020, water efficient landscape standards are applicable to new construction with an aggregate landscape area equal to or greater than 500 sqft. The Proposed Project will include landscape area greater than 500 sqft, approximately 87,500 sqft, and therefore is subject to the City specifically, the Proposed Project will meet the design standards outlined in Section 20.330.040 - Landscape Standards.			
8. Urban Tree Canopy (Measure C-2) Single-Family Residential: Will the project plant a minimum of one tree per single-family residential unit? *-or-* Multi-Family Residential and Non-Residential: If the project is providing more than 10 parking spaces, will the project plant at least one tree per five parking spaces provided? Check "N/A" if planting the required number of trees on-site would be infeasible.	☑	☐	☐
Please substantiate how the project satisfies question 8: It is anticipated that the project would plant at least one tree per five parking spaces. The project would provide 501 parking spaces and therefore would be required to plant 97 trees. As detailed on the project landscape plan, the project would include a total of 243 trees.			

[5] City of San Marcos Landscape Manual: https://www.san-marcos.net/home/showdocument?id=13984

Attachment 1. Climate Action Plan Consistency Review Checklist - Step 2. Item 3.

Item 3. Transportation Demand Management (Measure T-9)

The proposed Project would not result in a VMT related impact, and therefore a TDM Plan is not required. The proposed project units are for sale units that would be managed by a HOA; therefore, the project providing discounted monthly transit passes to residents would not be sensible. Future tenants of the proposed commercial/retail space would be encouraged to provide employees with discounted monthly transit passes; however, that would be at the discretion of the tenant. Due to the shared parking agreement for the project site, as required by the City, the project does not designate car-share, carpool, vanpool and/or park-and-ride spaces; however, such could be provided with direction from the City. The project would provide pedestrian connections throughout all uses on-site and connection to adjacent sidewalks and existing roadways. The project would provide communal bicycle parking, and all living units would provide bicycle storage and showers. Telecommuting is resident and tenant-based but will be encouraged. The TDM Plan is a proposed condition of approval prior to building occupancy.

Attachment A

San Marcos CAP Checklist Step 1

Analysis

CAP Checklist Step 1: Land Use Consistency

Item No. 3. For projects not consistent with the existing General Plan land use designation, does the project include a General Plan Amendment that would generate GHG emissions equal to or less than estimated emission generated under the existing designation?

Response. Yes, the project would generate GHG emissions equal to or less than estimated emission generated under the existing designation as detailed below.

The northern portion of the project site includes 1.63 acres of exiting vacant light industrial zoned land, while the remaining portion of the total 10.5-acre project area is zoned Mixed-Use 1 (MU-1) and built with an existing 63,484 SF of restaurant uses. For this analysis, and per City guidance, the existing parcels would be modeled based on the alternative project utilized in the Fiscal Impact Study (DTA 2023) for the project, which includes: 173-unit townhomes, 10,400 square feet of commercial retail, is 28,436 square feet of office building and 133 parking spaces. CalEEMod default values were utilized for alternative project land uses to develop representative emissions. The proposed project plans to develop 202 multi-family residential units, and 10,400 sf of commercial retail uses with associated parking spaces, and landscaping within the 10.5-acre project site. In response to Item No. 3, GHG emissions from construction and operation of the proposed Fiscal Impact Study alternative are compared with the proposed construction and development of the Project within the SPA.

Table 1, Estimated Operational Greenhouse Gas Emissions, provides estimated GHG emissions from both the Existing Land Use and Proposed Land Use Scenarios of the 1.63 area development area.

Table 1. Estimated Operational Greenhouse Gas Emissions

Emission Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Fiscal Impact Study Alternative Land Use Scenario				
Area	255.75	0.17	0.01	264.11
Energy (natural gas and electricity)	387.05	0.02	<0.01	389.00
Mobile	1,097.05	0.08	0.05	1,114.36
Solid waste	23.74	1.40	0	58.81
Water supply and wastewater	89.00	0.56	0.01	107.16
			Amortized Construction Emissions Over 30-Years	**69.25**
			Fiscal Impact Study Alternative Land Use Operational Emissions	**2,002.69**
Proposed Land Use Scenario				
Area	2.45	<0.01	0	2.51
Energy (natural gas and electricity)	303.91	0.02	<0.01	305.22
Mobile	1,181.26	0.09	0.05	1,199.76
Solid waste	21.11	1.25	0	52.31

Table 1. Estimated Operational Greenhouse Gas Emissions

Emission Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Water supply and wastewater	79.23	0.46	0.01	94.05
Amortized Construction Emissions Over 30-Years				95.68
Proposed Land Use (Project) Project Operations + Amortized Construction Total				1,749.53

Detailed calculations are provided as attached, CalEEMod Output Files.

As shown in Table 1, the project would generate GHG emissions less than estimated emission generated under the existing designation. The difference between the Fiscal Impact Study Alternative land use scenario emissions and the proposed land use scenario emissions is -253.16 MT CO_2E per year.

San Marcos CAP Checklist Step 1

CalEEMod Output Files – Operational Analysis Only

Existing Land Use - Fiscal Impact Study Alternative

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San Marcos Restaruant Row Project Market Analysis Alternative - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

San Marcos Restaruant Row Project Market Analysis Alternative

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	28.44	1000sqft	0.65	28,436.00	0
Other Asphalt Surfaces	3.85	Acre	3.85	167,706.00	0
Parking Lot	133.00	Space	1.20	53,200.00	0
Apartments Mid Rise	173.00	Dwelling Unit	4.55	270,100.00	426
Strip Mall	10.40	1000sqft	0.24	10,400.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2027
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	539.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Exising Land Use modeled in Market Analysis per City guidance.

Construction Phase - Assumed same construciton schedule as proposed project as very similar in land use and scale.

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

Off-road Equipment - Default values

San Marcos Restaruant Row Project Market Analysis Alternative - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Defualt values

Trips and VMT - default vlaues

Demolition -

Grading -

Vehicle Trips - Default values

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Vehicle Emission Factors - Default values

Woodstoves - Default values

Area Coating - Default values.

Energy Use - Default values

Water And Wastewater - Default values

Solid Waste - Default values

Construction Off-road Equipment Mitigation -

Fleet Mix - Default

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	490.00
tblConstructionPhase	NumDays	300.00	560.00
tblConstructionPhase	NumDays	20.00	34.00
tblConstructionPhase	NumDays	30.00	147.00
tblConstructionPhase	NumDays	20.00	66.00
tblLandUse	LandUseSquareFeet	28,440.00	28,436.00
tblLandUse	LandUseSquareFeet	173,000.00	270,100.00
tblLandUse	Population	495.00	426.00

2.0 Emissions Summary

San Marcos Restaruant Row Project Market Analysis Alternative - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
2024	1.9459	4.9493	5.4159	0.0123	1.0467	0.2052	1.2518	0.3923	0.1906	0.5829	0.0000	1,091.8961	1,091.8961	0.2377	0.0224	1,104.5031
2025	2.8269	2.1792	3.1736	7.8000e-003	0.3417	0.0791	0.4208	0.0920	0.0748	0.1668	0.0000	703.4800	703.4800	0.0837	0.0279	713.8811
2026	0.9504	0.8007	1.1503	2.8300e-003	0.1252	0.0291	0.1542	0.0337	0.0275	0.0612	0.0000	255.2768	255.2768	0.0309	0.0101	259.0443
Maximum	**2.8269**	**4.9493**	**5.4159**	**0.0123**	**1.0467**	**0.2052**	**1.2518**	**0.3923**	**0.1906**	**0.5829**	**0.0000**	**1,091.8961**	**1,091.8961**	**0.2377**	**0.0279**	**1,104.5031**

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					
2024	1.9459	4.9493	5.4159	0.0123	0.6206	0.2052	0.8257	0.2168	0.1906	0.4074	0.0000	1,091.8952	1,091.8952	0.2377	0.0224	1,104.5022
2025	2.8269	2.1792	3.1736	7.8000e-003	0.3417	0.0791	0.4208	0.0920	0.0748	0.1668	0.0000	703.4796	703.4796	0.0837	0.0279	713.8807
2026	0.9504	0.8007	1.1503	2.8300e-003	0.1252	0.0291	0.1542	0.0337	0.0275	0.0612	0.0000	255.2766	255.2766	0.0309	0.0101	259.0442
Maximum	**2.8269**	**4.9493**	**5.4159**	**0.0123**	**0.6206**	**0.2052**	**0.8257**	**0.2168**	**0.1906**	**0.4074**	**0.0000**	**1,091.8952**	**1,091.8952**	**0.2377**	**0.0279**	**1,104.5022**

San Marcos Restaruant Row Project Market Analysis Alternative - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	**0.00**	**0.00**	**0.00**	**0.00**	**28.15**	**0.00**	**23.32**	**33.88**	**0.00**	**21.64**	**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	**1-1-2024**	**3-31-2024**	1.2146	1.2146
2	**4-1-2024**	**6-30-2024**	1.8814	1.8814
3	**7-1-2024**	**9-30-2024**	2.2341	2.2341
4	**10-1-2024**	**12-31-2024**	1.5518	1.5518
5	**1-1-2025**	**3-31-2025**	1.2359	1.2359
6	**4-1-2025**	**6-30-2025**	1.2427	1.2427
7	**7-1-2025**	**9-30-2025**	1.2564	1.2564
8	**10-1-2025**	**12-31-2025**	1.2634	1.2634
9	**1-1-2026**	**3-31-2026**	1.2325	1.2325
10	**4-1-2026**	**6-30-2026**	0.5209	0.5209
		Highest	2.2341	2.2341

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	12.5898	0.2268	14.6844	0.0243		1.8859	1.8859		1.8859	1.8859	178.7017	77.0463	255.7480	0.1669	0.0141	264.1100
Energy	9.9800e-003	0.0871	0.0491	5.4000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	387.3306	387.3306	0.0195	3.9500e-003	388.9955
Mobile	0.6296	0.6490	5.6702	0.0119	1.3860	9.0000e-003	1.3950	0.3699	8.3900e-003	0.3783	0.0000	1,097.0459	1,097.0459	0.0816	0.0513	1,114.3624
Waste						0.0000	0.0000		0.0000	0.0000	23.7398	0.0000	23.7398	1.4030	0.0000	58.8143
Water						0.0000	0.0000		0.0000	0.0000	5.4240	83.5778	89.0018	0.5622	0.0138	107.1614
Total	**13.2294**	**0.9629**	**20.4037**	**0.0367**	**1.3860**	**1.9018**	**3.2878**	**0.3699**	**1.9011**	**2.2710**	**207.8655**	**1,645.0006**	**1,852.8661**	**2.2332**	**0.0831**	**1,933.4436**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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	12.5898	0.2268	14.6844	0.0243		1.8859	1.8859		1.8859	1.8859	178.7017	77.0463	255.7480	0.1669	0.0141	264.1100
Energy	9.9800e-003	0.0871	0.0491	5.4000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	387.3306	387.3306	0.0195	3.9500e-003	388.9955
Mobile	0.6296	0.6490	5.6702	0.0119	1.3860	9.0000e-003	1.3950	0.3699	8.3900e-003	0.3783	0.0000	1,097.0459	1,097.0459	0.0816	0.0513	1,114.3624
Waste						0.0000	0.0000		0.0000	0.0000	23.7398	0.0000	23.7398	1.4030	0.0000	58.8143
Water						0.0000	0.0000		0.0000	0.0000	5.4240	83.5778	89.0018	0.5622	0.0138	107.1614
Total	**13.2294**	**0.9629**	**20.4037**	**0.0367**	**1.3860**	**1.9018**	**3.2878**	**0.3699**	**1.9011**	**2.2710**	**207.8655**	**1,645.0006**	**1,852.8661**	**2.2332**	**0.0831**	**1,933.4436**

	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	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	2/15/2024	5	34	
2	Site Preparation	Site Preparation	1/28/2024	2/10/2024	5	10	
3	Grading	Grading	2/11/2024	9/3/2024	5	147	

4	Building Construction	Building Construction	3/25/2024	5/17/2026	5	560	
5	Architectural Coating	Architectural Coating	6/15/2024	5/1/2026	5	490	
6	Paving	Paving	9/3/2024	12/3/2024	5	66	

Acres of Grading (Site Preparation Phase): 15

Acres of Grading (Grading Phase): 441

Acres of Paving: 5.05

Residential Indoor: 546,953; Residential Outdoor: 182,318; Non-Residential Indoor: 58,254; Non-Residential Outdoor: 19,418; Striped Parking Area: 13,254 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
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
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving	Pavers	2	8.00	130	0.42

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Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

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
Demolition	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
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	230.00	61.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	46.00	0.00	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

3.1 Mitigation Measures Construction

Water Exposed Area

3.2 Demolition - 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					
Fugitive Dust					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0381	0.3549	0.3350	6.6000e-004		0.0163	0.0163		0.0152	0.0152	0.0000	57.7933	57.7933	0.0162	0.0000	58.1975
Total	**0.0381**	**0.3549**	**0.3350**	**6.6000e-004**	**0.0000**	**0.0163**	**0.0163**	**0.0000**	**0.0152**	**0.0152**	**0.0000**	**57.7933**	**57.7933**	**0.0162**	**0.0000**	**58.1975**

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3.2 Demolition - 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	6.5000e-004	4.3000e-004	5.4300e-003	2.0000e-005	2.0400e-003	1.0000e-005	2.0600e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.5651	1.5651	4.0000e-005	4.0000e-005	1.5788
Total	**6.5000e-004**	**4.3000e-004**	**5.4300e-003**	**2.0000e-005**	**2.0400e-003**	**1.0000e-005**	**2.0600e-003**	**5.4000e-004**	**1.0000e-005**	**5.5000e-004**	**0.0000**	**1.5651**	**1.5651**	**4.0000e-005**	**4.0000e-005**	**1.5788**

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					0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0381	0.3549	0.3350	6.6000e-004		0.0163	0.0163		0.0152	0.0152	0.0000	57.7932	57.7932	0.0162	0.0000	58.1975
Total	**0.0381**	**0.3549**	**0.3350**	**6.6000e-004**	**0.0000**	**0.0163**	**0.0163**	**0.0000**	**0.0152**	**0.0152**	**0.0000**	**57.7932**	**57.7932**	**0.0162**	**0.0000**	**58.1975**

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3.2 Demolition - 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	6.5000e-004	4.3000e-004	5.4300e-003	2.0000e-005	2.0400e-003	1.0000e-005	2.0600e-003	5.4000e-004	1.0000e-005	5.5000e-004	0.0000	1.5651	1.5651	4.0000e-005	4.0000e-005	1.5788
Total	**6.5000e-004**	**4.3000e-004**	**5.4300e-003**	**2.0000e-005**	**2.0400e-003**	**1.0000e-005**	**2.0600e-003**	**5.4000e-004**	**1.0000e-005**	**5.5000e-004**	**0.0000**	**1.5651**	**1.5651**	**4.0000e-005**	**4.0000e-005**	**1.5788**

3.3 Site Preparation - 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					
Fugitive Dust					0.0983	0.0000	0.0983	0.0505	0.0000	0.0505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6600e-003	5.6600e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	**0.0133**	**0.1359**	**0.0917**	**1.9000e-004**	**0.0983**	**6.1500e-003**	**0.1044**	**0.0505**	**5.6600e-003**	**0.0562**	**0.0000**	**16.7285**	**16.7285**	**5.4100e-003**	**0.0000**	**16.8638**

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3.3 Site Preparation - 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	2.3000e-004	1.5000e-004	1.9200e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5524	0.5524	2.0000e-005	1.0000e-005	0.5572
Total	**2.3000e-004**	**1.5000e-004**	**1.9200e-003**	**1.0000e-005**	**7.2000e-004**	**0.0000**	**7.3000e-004**	**1.9000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.5524**	**0.5524**	**2.0000e-005**	**1.0000e-005**	**0.5572**

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					0.0442	0.0000	0.0442	0.0227	0.0000	0.0227	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1359	0.0917	1.9000e-004		6.1500e-003	6.1500e-003		5.6500e-003	5.6500e-003	0.0000	16.7285	16.7285	5.4100e-003	0.0000	16.8638
Total	**0.0133**	**0.1359**	**0.0917**	**1.9000e-004**	**0.0442**	**6.1500e-003**	**0.0504**	**0.0227**	**5.6500e-003**	**0.0284**	**0.0000**	**16.7285**	**16.7285**	**5.4100e-003**	**0.0000**	**16.8638**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Site Preparation - 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	2.3000e-004	1.5000e-004	1.9200e-003	1.0000e-005	7.2000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5524	0.5524	2.0000e-005	1.0000e-005	0.5572
Total	**2.3000e-004**	**1.5000e-004**	**1.9200e-003**	**1.0000e-005**	**7.2000e-004**	**0.0000**	**7.3000e-004**	**1.9000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.5524**	**0.5524**	**2.0000e-005**	**1.0000e-005**	**0.5572**

3.4 Grading - 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					
Fugitive Dust					0.6765	0.0000	0.6765	0.2686	0.0000	0.2686	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2365	2.3797	2.0376	4.5600e-003		0.0982	0.0982		0.0903	0.0903	0.0000	400.7185	400.7185	0.1296	0.0000	403.9585
Total	**0.2365**	**2.3797**	**2.0376**	**4.5600e-003**	**0.6765**	**0.0982**	**0.7746**	**0.2686**	**0.0903**	**0.3589**	**0.0000**	**400.7185**	**400.7185**	**0.1296**	**0.0000**	**403.9585**

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3.4 Grading - 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	3.7400e-003	2.4700e-003	0.0313	1.0000e-004	0.0118	6.0000e-005	0.0119	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	9.0225	9.0225	2.5000e-004	2.4000e-004	9.1013
Total	**3.7400e-003**	**2.4700e-003**	**0.0313**	**1.0000e-004**	**0.0118**	**6.0000e-005**	**0.0119**	**3.1300e-003**	**6.0000e-005**	**3.1900e-003**	**0.0000**	**9.0225**	**9.0225**	**2.5000e-004**	**2.4000e-004**	**9.1013**

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					0.3044	0.0000	0.3044	0.1209	0.0000	0.1209	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2365	2.3797	2.0376	4.5600e-003		0.0982	0.0982		0.0903	0.0903	0.0000	400.7180	400.7180	0.1296	0.0000	403.9580
Total	**0.2365**	**2.3797**	**2.0376**	**4.5600e-003**	**0.3044**	**0.0982**	**0.4026**	**0.1209**	**0.0903**	**0.2112**	**0.0000**	**400.7180**	**400.7180**	**0.1296**	**0.0000**	**403.9580**

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3.4 Grading - 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	3.7400e-003	2.4700e-003	0.0313	1.0000e-004	0.0118	6.0000e-005	0.0119	3.1300e-003	6.0000e-005	3.1900e-003	0.0000	9.0225	9.0225	2.5000e-004	2.4000e-004	9.1013
Total	**3.7400e-003**	**2.4700e-003**	**0.0313**	**1.0000e-004**	**0.0118**	**6.0000e-005**	**0.0119**	**3.1300e-003**	**6.0000e-005**	**3.1900e-003**	**0.0000**	**9.0225**	**9.0225**	**2.5000e-004**	**2.4000e-004**	**9.1013**

3.5 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	0.1486	1.3578	1.6329	2.7200e-003		0.0619	0.0619		0.0583	0.0583	0.0000	234.1676	234.1676	0.0554	0.0000	235.5520
Total	**0.1486**	**1.3578**	**1.6329**	**2.7200e-003**		**0.0619**	**0.0619**		**0.0583**	**0.0583**	**0.0000**	**234.1676**	**234.1676**	**0.0554**	**0.0000**	**235.5520**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 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	6.9600e-003	0.2717	0.0942	1.2400e-003	0.0409	1.6200e-003	0.0425	0.0118	1.5500e-003	0.0134	0.0000	121.4675	121.4675	3.8200e-003	0.0176	126.8074
Worker	0.0590	0.0391	0.4946	1.5500e-003	0.1863	9.7000e-004	0.1873	0.0495	9.0000e-004	0.0504	0.0000	142.5808	142.5808	3.9800e-003	3.8400e-003	143.8254
Total	**0.0660**	**0.3107**	**0.5888**	**2.7900e-003**	**0.2272**	**2.5900e-003**	**0.2298**	**0.0613**	**2.4500e-003**	**0.0638**	**0.0000**	**264.0483**	**264.0483**	**7.8000e-003**	**0.0214**	**270.6328**

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	0.1486	1.3578	1.6329	2.7200e-003		0.0619	0.0619		0.0583	0.0583	0.0000	234.1673	234.1673	0.0554	0.0000	235.5517
Total	**0.1486**	**1.3578**	**1.6329**	**2.7200e-003**		**0.0619**	**0.0619**		**0.0583**	**0.0583**	**0.0000**	**234.1673**	**234.1673**	**0.0554**	**0.0000**	**235.5517**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 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	6.9600e-003	0.2717	0.0942	1.2400e-003	0.0409	1.6200e-003	0.0425	0.0118	1.5500e-003	0.0134	0.0000	121.4675	121.4675	3.8200e-003	0.0176	126.8074
Worker	0.0590	0.0391	0.4946	1.5500e-003	0.1863	9.7000e-004	0.1873	0.0495	9.0000e-004	0.0504	0.0000	142.5808	142.5808	3.9800e-003	3.8400e-003	143.8254
Total	**0.0660**	**0.3107**	**0.5888**	**2.7900e-003**	**0.2272**	**2.5900e-003**	**0.2298**	**0.0613**	**2.4500e-003**	**0.0638**	**0.0000**	**264.0483**	**264.0483**	**7.8000e-003**	**0.0214**	**270.6328**

3.5 Building Construction - 2025

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	0.1785	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6549	302.6549	0.0711	0.0000	304.4335
Total	**0.1785**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6549**	**302.6549**	**0.0711**	**0.0000**	**304.4335**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	8.7100e-003	0.3475	0.1197	1.5700e-003	0.0529	2.0900e-003	0.0550	0.0153	2.0000e-003	0.0173	0.0000	153.9540	153.9540	5.0700e-003	0.0223	160.7239
Worker	0.0719	0.0457	0.5989	1.9400e-003	0.2407	1.2000e-003	0.2419	0.0640	1.1100e-003	0.0651	0.0000	177.9594	177.9594	4.7000e-003	4.6600e-003	179.4653
Total	**0.0806**	**0.3932**	**0.7187**	**3.5100e-003**	**0.2936**	**3.2900e-003**	**0.2969**	**0.0792**	**3.1100e-003**	**0.0823**	**0.0000**	**331.9133**	**331.9133**	**9.7700e-003**	**0.0270**	**340.1892**

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	0.1784	1.6273	2.0991	3.5200e-003		0.0689	0.0689		0.0648	0.0648	0.0000	302.6545	302.6545	0.0711	0.0000	304.4331
Total	**0.1784**	**1.6273**	**2.0991**	**3.5200e-003**		**0.0689**	**0.0689**		**0.0648**	**0.0648**	**0.0000**	**302.6545**	**302.6545**	**0.0711**	**0.0000**	**304.4331**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2025

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	8.7100e-003	0.3475	0.1197	1.5700e-003	0.0529	2.0900e-003	0.0550	0.0153	2.0000e-003	0.0173	0.0000	153.9540	153.9540	5.0700e-003	0.0223	160.7239
Worker	0.0719	0.0457	0.5989	1.9400e-003	0.2407	1.2000e-003	0.2419	0.0640	1.1100e-003	0.0651	0.0000	177.9594	177.9594	4.7000e-003	4.6600e-003	179.4653
Total	**0.0806**	**0.3932**	**0.7187**	**3.5100e-003**	**0.2936**	**3.2900e-003**	**0.2969**	**0.0792**	**3.1100e-003**	**0.0823**	**0.0000**	**331.9133**	**331.9133**	**9.7700e-003**	**0.0270**	**340.1892**

3.5 Building Construction - 2026

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	0.0663	0.6048	0.7801	1.3100e-003		0.0256	0.0256		0.0241	0.0241	0.0000	112.4809	112.4809	0.0264	0.0000	113.1420
Total	**0.0663**	**0.6048**	**0.7801**	**1.3100e-003**		**0.0256**	**0.0256**		**0.0241**	**0.0241**	**0.0000**	**112.4809**	**112.4809**	**0.0264**	**0.0000**	**113.1420**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	3.1500e-003	0.1278	0.0440	5.7000e-004	0.0197	7.7000e-004	0.0204	5.6700e-003	7.4000e-004	6.4100e-003	0.0000	56.1243	56.1243	1.9300e-003	8.1200e-003	58.5932
Worker	0.0252	0.0155	0.2099	7.0000e-004	0.0895	4.2000e-004	0.0899	0.0238	3.9000e-004	0.0242	0.0000	64.0716	64.0716	1.6000e-003	1.6400e-003	64.5994
Total	**0.0284**	**0.1433**	**0.2538**	**1.2700e-003**	**0.1091**	**1.1900e-003**	**0.1103**	**0.0294**	**1.1300e-003**	**0.0306**	**0.0000**	**120.1959**	**120.1959**	**3.5300e-003**	**9.7600e-003**	**123.1926**

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	0.0663	0.6048	0.7801	1.3100e-003		0.0256	0.0256		0.0241	0.0241	0.0000	112.4808	112.4808	0.0264	0.0000	113.1418
Total	**0.0663**	**0.6048**	**0.7801**	**1.3100e-003**		**0.0256**	**0.0256**		**0.0241**	**0.0241**	**0.0000**	**112.4808**	**112.4808**	**0.0264**	**0.0000**	**113.1418**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Building Construction - 2026

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	3.1500e-003	0.1278	0.0440	5.7000e-004	0.0197	7.7000e-004	0.0204	5.6700e-003	7.4000e-004	6.4100e-003	0.0000	56.1243	56.1243	1.9300e-003	8.1200e-003	58.5932
Worker	0.0252	0.0155	0.2099	7.0000e-004	0.0895	4.2000e-004	0.0899	0.0238	3.9000e-004	0.0242	0.0000	64.0716	64.0716	1.6000e-003	1.6400e-003	64.5994
Total	**0.0284**	**0.1433**	**0.2538**	**1.2700e-003**	**0.1091**	**1.1900e-003**	**0.1103**	**0.0294**	**1.1300e-003**	**0.0306**	**0.0000**	**120.1959**	**120.1959**	**3.5300e-003**	**9.7600e-003**	**123.1926**

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	1.3771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0865	0.1285	2.1000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003	0.0000	18.1281	18.1281	1.0200e-003	0.0000	18.1536
Total	**1.3899**	**0.0865**	**0.1285**	**2.1000e-004**		**4.3200e-003**	**4.3200e-003**		**4.3200e-003**	**4.3200e-003**	**0.0000**	**18.1281**	**18.1281**	**1.0200e-003**	**0.0000**	**18.1536**

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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	8.3000e-003	5.4900e-003	0.0695	2.2000e-004	0.0262	1.4000e-004	0.0263	6.9600e-003	1.3000e-004	7.0900e-003	0.0000	20.0460	20.0460	5.6000e-004	5.4000e-004	20.2210
Total	**8.3000e-003**	**5.4900e-003**	**0.0695**	**2.2000e-004**	**0.0262**	**1.4000e-004**	**0.0263**	**6.9600e-003**	**1.3000e-004**	**7.0900e-003**	**0.0000**	**20.0460**	**20.0460**	**5.6000e-004**	**5.4000e-004**	**20.2210**

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	1.3771					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0128	0.0865	0.1285	2.1000e-004		4.3200e-003	4.3200e-003		4.3200e-003	4.3200e-003	0.0000	18.1281	18.1281	1.0200e-003	0.0000	18.1536
Total	**1.3899**	**0.0865**	**0.1285**	**2.1000e-004**		**4.3200e-003**	**4.3200e-003**		**4.3200e-003**	**4.3200e-003**	**0.0000**	**18.1281**	**18.1281**	**1.0200e-003**	**0.0000**	**18.1536**

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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	8.3000e-003	5.4900e-003	0.0695	2.2000e-004	0.0262	1.4000e-004	0.0263	6.9600e-003	1.3000e-004	7.0900e-003	0.0000	20.0460	20.0460	5.6000e-004	5.4000e-004	20.2210
Total	**8.3000e-003**	**5.4900e-003**	**0.0695**	**2.2000e-004**	**0.0262**	**1.4000e-004**	**0.0263**	**6.9600e-003**	**1.3000e-004**	**7.0900e-003**	**0.0000**	**20.0460**	**20.0460**	**5.6000e-004**	**5.4000e-004**	**20.2210**

3.6 Architectural Coating - 2025

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	2.5312					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3200	33.3200	1.8200e-003	0.0000	33.3654
Total	**2.5535**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3200**	**33.3200**	**1.8200e-003**	**0.0000**	**33.3654**

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3.6 Architectural Coating - 2025

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	0.0144	9.1400e-003	0.1198	3.9000e-004	0.0481	2.4000e-004	0.0484	0.0128	2.2000e-004	0.0130	0.0000	35.5919	35.5919	9.4000e-004	9.3000e-004	35.8931
Total	**0.0144**	**9.1400e-003**	**0.1198**	**3.9000e-004**	**0.0481**	**2.4000e-004**	**0.0484**	**0.0128**	**2.2000e-004**	**0.0130**	**0.0000**	**35.5919**	**35.5919**	**9.4000e-004**	**9.3000e-004**	**35.8931**

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	2.5312					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0223	0.1495	0.2361	3.9000e-004		6.7200e-003	6.7200e-003		6.7200e-003	6.7200e-003	0.0000	33.3199	33.3199	1.8200e-003	0.0000	33.3654
Total	**2.5535**	**0.1495**	**0.2361**	**3.9000e-004**		**6.7200e-003**	**6.7200e-003**		**6.7200e-003**	**6.7200e-003**	**0.0000**	**33.3199**	**33.3199**	**1.8200e-003**	**0.0000**	**33.3654**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2025

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	0.0144	9.1400e-003	0.1198	3.9000e-004	0.0481	2.4000e-004	0.0484	0.0128	2.2000e-004	0.0130	0.0000	35.5919	35.5919	9.4000e-004	9.3000e-004	35.8931
Total	**0.0144**	**9.1400e-003**	**0.1198**	**3.9000e-004**	**0.0481**	**2.4000e-004**	**0.0484**	**0.0128**	**2.2000e-004**	**0.0130**	**0.0000**	**35.5919**	**35.5919**	**9.4000e-004**	**9.3000e-004**	**35.8931**

3.6 Architectural Coating - 2026

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	0.8437					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4300e-003	0.0498	0.0787	1.3000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003	0.0000	11.1067	11.1067	6.1000e-004	0.0000	11.1218
Total	**0.8512**	**0.0498**	**0.0787**	**1.3000e-004**		**2.2400e-003**	**2.2400e-003**		**2.2400e-003**	**2.2400e-003**	**0.0000**	**11.1067**	**11.1067**	**6.1000e-004**	**0.0000**	**11.1218**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	4.5300e-003	2.7800e-003	0.0376	1.3000e-004	0.0161	8.0000e-005	0.0161	4.2600e-003	7.0000e-005	4.3300e-003	0.0000	11.4933	11.4933	2.9000e-004	2.9000e-004	11.5879
Total	**4.5300e-003**	**2.7800e-003**	**0.0376**	**1.3000e-004**	**0.0161**	**8.0000e-005**	**0.0161**	**4.2600e-003**	**7.0000e-005**	**4.3300e-003**	**0.0000**	**11.4933**	**11.4933**	**2.9000e-004**	**2.9000e-004**	**11.5879**

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	0.8437					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.4300e-003	0.0498	0.0787	1.3000e-004		2.2400e-003	2.2400e-003		2.2400e-003	2.2400e-003	0.0000	11.1066	11.1066	6.1000e-004	0.0000	11.1218
Total	**0.8512**	**0.0498**	**0.0787**	**1.3000e-004**		**2.2400e-003**	**2.2400e-003**		**2.2400e-003**	**2.2400e-003**	**0.0000**	**11.1066**	**11.1066**	**6.1000e-004**	**0.0000**	**11.1218**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2026

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	4.5300e-003	2.7800e-003	0.0376	1.3000e-004	0.0161	8.0000e-005	0.0161	4.2600e-003	7.0000e-005	4.3300e-003	0.0000	11.4933	11.4933	2.9000e-004	2.9000e-004	11.5879
Total	**4.5300e-003**	**2.7800e-003**	**0.0376**	**1.3000e-004**	**0.0161**	**8.0000e-005**	**0.0161**	**4.2600e-003**	**7.0000e-005**	**4.3300e-003**	**0.0000**	**11.4933**	**11.4933**	**2.9000e-004**	**2.9000e-004**	**11.5879**

3.7 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	0.0326	0.3143	0.4827	7.5000e-004		0.0155	0.0155		0.0142	0.0142	0.0000	66.0876	66.0876	0.0214	0.0000	66.6219
Paving	6.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0392**	**0.3143**	**0.4827**	**7.5000e-004**		**0.0155**	**0.0155**		**0.0142**	**0.0142**	**0.0000**	**66.0876**	**66.0876**	**0.0214**	**0.0000**	**66.6219**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	1.2600e-003	8.3000e-004	0.0105	3.0000e-005	3.9700e-003	2.0000e-005	3.9900e-003	1.0500e-003	2.0000e-005	1.0700e-003	0.0000	3.0382	3.0382	8.0000e-005	8.0000e-005	3.0647
Total	**1.2600e-003**	**8.3000e-004**	**0.0105**	**3.0000e-005**	**3.9700e-003**	**2.0000e-005**	**3.9900e-003**	**1.0500e-003**	**2.0000e-005**	**1.0700e-003**	**0.0000**	**3.0382**	**3.0382**	**8.0000e-005**	**8.0000e-005**	**3.0647**

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	0.0326	0.3143	0.4827	7.5000e-004		0.0155	0.0155		0.0142	0.0142	0.0000	66.0875	66.0875	0.0214	0.0000	66.6218
Paving	6.6200e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0392**	**0.3143**	**0.4827**	**7.5000e-004**		**0.0155**	**0.0155**		**0.0142**	**0.0142**	**0.0000**	**66.0875**	**66.0875**	**0.0214**	**0.0000**	**66.6218**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 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	1.2600e-003	8.3000e-004	0.0105	3.0000e-005	3.9700e-003	2.0000e-005	3.9900e-003	1.0500e-003	2.0000e-005	1.0700e-003	0.0000	3.0382	3.0382	8.0000e-005	8.0000e-005	3.0647
Total	**1.2600e-003**	**8.3000e-004**	**0.0105**	**3.0000e-005**	**3.9700e-003**	**2.0000e-005**	**3.9900e-003**	**1.0500e-003**	**2.0000e-005**	**1.0700e-003**	**0.0000**	**3.0382**	**3.0382**	**8.0000e-005**	**8.0000e-005**	**3.0647**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	0.6296	0.6490	5.6702	0.0119	1.3860	9.0000e-003	1.3950	0.3699	8.3900e-003	0.3783	0.0000	1,097.0459	1,097.0459	0.0816	0.0513	1,114.3624
Unmitigated	0.6296	0.6490	5.6702	0.0119	1.3860	9.0000e-003	1.3950	0.3699	8.3900e-003	0.3783	0.0000	1,097.0459	1,097.0459	0.0816	0.0513	1,114.3624

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	941.12	849.43	707.57	2,554,518	2,554,518
General Office Building	277.01	62.85	19.91	501,093	501,093
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Strip Mall	460.93	437.22	212.47	649,966	649,966
Total	1,679.05	1,349.50	939.95	3,705,577	3,705,577

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
Apartments Mid Rise	10.80	7.30	7.50	41.60	18.80	39.60	86	11	3
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Strip Mall	9.50	7.30	7.30	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
General Office Building	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Other Asphalt Surfaces	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Parking Lot	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383
Strip Mall	0.568480	0.062094	0.174123	0.115064	0.023357	0.006399	0.009361	0.006325	0.000693	0.000596	0.028205	0.000919	0.004383

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	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	288.5319	288.5319	0.0176	2.1400e-003	289.6097
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	288.5319	288.5319	0.0176	2.1400e-003	289.6097
NaturalGas Mitigated	9.9800e-003	0.0871	0.0491	5.4000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	98.7987	98.7987	1.8900e-003	1.8100e-003	99.3858
NaturalGas Unmitigated	9.9800e-003	0.0871	0.0491	5.4000e-004		6.9000e-003	6.9000e-003		6.9000e-003	6.9000e-003	0.0000	98.7987	98.7987	1.8900e-003	1.8100e-003	99.3858

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

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					
Apartments Mid Rise	1.25876e+006	6.7900e-003	0.0580	0.0247	3.7000e-004		4.6900e-003	4.6900e-003		4.6900e-003	4.6900e-003	0.0000	67.1721	67.1721	1.2900e-003	1.2300e-003	67.5712
General Office Building	569573	3.0700e-003	0.0279	0.0235	1.7000e-004		2.1200e-003	2.1200e-003		2.1200e-003	2.1200e-003	0.0000	30.3946	30.3946	5.8000e-004	5.6000e-004	30.5752
Other Asphalt Surfaces	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
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
Strip Mall	23088	1.2000e-004	1.1300e-003	9.5000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2321	1.2321	2.0000e-005	2.0000e-005	1.2394
Total		**9.9800e-003**	**0.0871**	**0.0491**	**5.5000e-004**		**6.9000e-003**	**6.9000e-003**		**6.9000e-003**	**6.9000e-003**	**0.0000**	**98.7987**	**98.7987**	**1.8900e-003**	**1.8100e-003**	**99.3858**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

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					
Apartments Mid Rise	1.25876e+006	6.7900e-003	0.0580	0.0247	3.7000e-004		4.6900e-003	4.6900e-003		4.6900e-003	4.6900e-003	0.0000	67.1721	67.1721	1.2900e-003	1.2300e-003	67.5712
General Office Building	569573	3.0700e-003	0.0279	0.0235	1.7000e-004		2.1200e-003	2.1200e-003		2.1200e-003	2.1200e-003	0.0000	30.3946	30.3946	5.8000e-004	5.6000e-004	30.5752
Other Asphalt Surfaces	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
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
Strip Mall	23088	1.2000e-004	1.1300e-003	9.5000e-004	1.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	1.2321	1.2321	2.0000e-005	2.0000e-005	1.2394
Total		**9.9800e-003**	**0.0871**	**0.0491**	**5.5000e-004**		**6.9000e-003**	**6.9000e-003**		**6.9000e-003**	**6.9000e-003**	**0.0000**	**98.7987**	**98.7987**	**1.8900e-003**	**1.8100e-003**	**99.3858**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	664344	162.7184	9.9400e-003	1.2100e-003	163.3262
General Office Building	367962	90.1252	5.5100e-003	6.7000e-004	90.4618
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	18620	4.5606	2.8000e-004	3.0000e-005	4.5777
Strip Mall	127088	31.1278	1.9000e-003	2.3000e-004	31.2440
Total		**288.5319**	**0.0176**	**2.1400e-003**	**289.6097**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	664344	162.7184	9.9400e-003	1.2100e-003	163.3262
General Office Building	367962	90.1252	5.5100e-003	6.7000e-004	90.4618
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	18620	4.5606	2.8000e-004	3.0000e-005	4.5777
Strip Mall	127088	31.1278	1.9000e-003	2.3000e-004	31.2440
Total		**288.5319**	**0.0176**	**2.1400e-003**	**289.6097**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	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	12.5898	0.2268	14.6844	0.0243		1.8859	1.8859		1.8859	1.8859	178.7017	77.0463	255.7480	0.1669	0.0141	264.1100
Unmitigated	12.5898	0.2268	14.6844	0.0243		1.8859	1.8859		1.8859	1.8859	178.7017	77.0463	255.7480	0.1669	0.0141	264.1100

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	0.4752					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	10.8551	0.2120	13.3994	0.0243		1.8787	1.8787		1.8787	1.8787	178.7017	74.9449	253.6466	0.1649	0.0141	261.9581
Landscaping	0.0387	0.0148	1.2849	7.0000e-005		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	2.1014	2.1014	2.0200e-003	0.0000	2.1519
Total	**12.5898**	**0.2268**	**14.6844**	**0.0244**		**1.8859**	**1.8859**		**1.8859**	**1.8859**	**178.7017**	**77.0463**	**255.7480**	**0.1669**	**0.0141**	**264.1100**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

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	0.4752					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2208					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	10.8551	0.2120	13.3994	0.0243		1.8787	1.8787		1.8787	1.8787	178.7017	74.9449	253.6466	0.1649	0.0141	261.9581
Landscaping	0.0387	0.0148	1.2849	7.0000e-005		7.1300e-003	7.1300e-003		7.1300e-003	7.1300e-003	0.0000	2.1014	2.1014	2.0200e-003	0.0000	2.1519
Total	**12.5898**	**0.2268**	**14.6844**	**0.0244**		**1.8859**	**1.8859**		**1.8859**	**1.8859**	**178.7017**	**77.0463**	**255.7480**	**0.1669**	**0.0141**	**264.1100**

7.0 Water Detail

7.1 Mitigation Measures Water

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	89.0018	0.5622	0.0138	107.1614
Unmitigated	89.0018	0.5622	0.0138	107.1614

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	11.2716 / 7.10604	58.8608	0.3707	9.0800e-003	70.8339
General Office Building	5.05475 / 3.09807	26.1549	0.1662	4.0700e-003	31.5233
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.770354 / 0.472153	3.9861	0.0253	6.2000e-004	4.8042
Total		**89.0018**	**0.5622**	**0.0138**	**107.1614**

San Marcos Restaruant Row Project Market Analysis Alternative - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	11.2716 / 7.10604	58.8608	0.3707	9.0800e-003	70.8339
General Office Building	5.05475 / 3.09807	26.1549	0.1662	4.0700e-003	31.5233
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	0.770354 / 0.472153	3.9861	0.0253	6.2000e-004	4.8042
Total		**89.0018**	**0.5622**	**0.0138**	**107.1614**

8.0 Waste Detail

8.1 Mitigation Measures Waste

San Marcos Restaruant Row Project Market Analysis Alternative - San Diego County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	23.7398	1.4030	0.0000	58.8143
Unmitigated	23.7398	1.4030	0.0000	58.8143

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	79.58	16.1540	0.9547	0.0000	40.0209
General Office Building	26.45	5.3691	0.3173	0.0000	13.3018
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	10.92	2.2167	0.1310	0.0000	5.4917
Total		**23.7398**	**1.4030**	**0.0000**	**58.8143**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	79.58	16.1540	0.9547	0.0000	40.0209
General Office Building	26.45	5.3691	0.3173	0.0000	13.3018
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	10.92	2.2167	0.1310	0.0000	5.4917
Total		**23.7398**	**1.4030**	**0.0000**	**58.8143**

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

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix B

Biological Resources Letter Report

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March 14, 2023 13844

Sean del Solar
Senior Planner
City of San Marcos
Development Services Department, Planning Division
1 Civic Center Drive,
San Marcos, California 92069

Subject: Biological Resources Letter Report for the Restaurant Row Project in San Marcos, California

Dear Mr. del Solar:

The following letter report describes the results of a biological site assessment performed by Dudek and a summary of identified potential biological constraints and recommendations for the future development of the Restaurant Row project (Project) within the City of San Marcos, California (Attachment A, Figure 1, Project Site and Location).

This site assessment letter report is intended to provide a current description of the existing conditions of biological resources within the Project site, discuss special-status biological resources with potential to occur on site, and recommend any focused studies or likely mitigation requirements. A general site review was conducted, but no focused surveys for special-status species were conducted during this preliminary assessment.

1 Project Description

The proposed Restaurant Row Project (project) consists of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site (attached Figure 1). Residential units would consist of eight (8) three-bedroom townhomes over commercial (town over commercial); 17 front street townhomes ranging in size from three- to four-bedrooms; 57 court townhomes ranging in size from two- to four-bedrooms; and 120 motorcourt units ranging in size from two- to three-bedrooms. The project includes a request for a Specific Plan, General Plan Amendment, Rezone, Site Development Plan for the private development, and Vesting Tentative Subdivision Map for a mixed-use residential development project on a 10.5-acre site in the City of San Marcos (Figure 1). Additionally, the project requests a separate Site Development Plan for the development of a proposed 1.1-acre neighborhood public park. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to Specific Plan Area (SPA). The Specific Plan has been prepared with the intent to provide a comprehensive plan to ensure the efficient development of a new mixed-use residential community. The Specific Plan serves as both a policy document and a regulatory document for the systematic implementation of the policies and goals of the General Plan. The Site Development Plan would configure the site for multi-family dwelling units, ground floor commercial mixed-use space, recreational open space, and private open space. The Tentative Subdivision Map presents specific infrastructure, and lot and street configurations for the site.

2 Location

The project site is located at 1020 West San Marcos Boulevard (northwest corner of West San Marcos Boulevard and Via Vera Cruz), in the City of San Marcos (APNs 219-200-30, 31, 45, and 46) (Figure 1). The existing project site has been previously disturbed and is currently developed with existing, primarily vacant, commercial uses and associated parking. The project site is located in an urban area of the City surrounded on all sides by existing development, including commercial uses to the north, and commercial uses and associated paved parking to the east, west, and city streets to the south.

3 Methods

In June, 2022 Dudek Biologist Christopher Oesch performed a general review of the Project site to assess and document existing conditions of biological resources present, and to evaluate the presence of appropriate habitat for nesting birds and special-status plant and wildlife species. Dudek created an updated map of the land cover types present within the study area. No physical site visit was conducted, based on the singular land cover type of Urban/ Developed.

Dudek reviewed regional California Natural Diversity Database (CNDDB) occurrence data (CDFW 2023) to identify special-status plant and wildlife species that are known to occur within a nine-quad radius of the site. Database search results are provided as Appendix A and B.

Land covers within the survey area were mapped in GIS based on general definition criteria. Aerial base map imagery of the study area, and a geographic information system (GIS) coverage was created.

The vegetation community and land cover mapping follow the *Draft Vegetation Communities of San Diego County* (Oberbauer et. al. 2008), which is based on the *Preliminary Descriptions of the Terrestrial Natural Communities of California* (Holland 1986). Certain vegetation communities or land covers may be used that are not included within Oberbauer et. al. 2008, but were included in order to best represent existing resources present.

4 Results

The Project site consists entirely of Urban/ Developed land cover type, consisting of commercial retail and paved parking lots, with associated minor ornamental landscaping and structures (Figure 1). Urban development is present to the north, south, east and west of the site. No natural land covers or potential habitat is located adjacent the site on any side. Because of the singular land cover type present (Urban/ Developed), no specific physical site investigation of species present within land cover types was warranted.

Vegetation Communities and Land Covers

Urban/ Developed

Urban/ Developed refers to areas that have been constructed on or disturbed so severely that native vegetation is no longer supported. Developed land includes areas with permanent or semi-permanent structures, pavement or hardscape, landscaped areas, and areas with a large amount of debris or other materials (Oberbauer et. al. 2008).

Urban/ Developed land within the study area consists primarily of commercial structures and paved parking lots, with minor presence of isolated, ornamental landscaped plantings.

The site is entirely bordered by urban development in the form of parking lots, commercial development and primary city streets. No natural land cover types or habitat are present within the site or directly adjacent.

Special Status Wildlife

The site consists entirely of Urban/ Developed land cover type, and does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special status wildlife species.

Special Status Plants

The site consists entirely of Urban/ Developed land cover type, and does not contain any natural vegetation communities of land cover types that are known to provide habitat to any special status plant species.

Jurisdictional Aquatic Resources

No potentially jurisdictional aquatic features were observed within the site, as it is entirely developed. No wetlands or other aquatic features were observed, though a formal jurisdictional delineation was not conducted during the site review. Las Posas Creek and San Marcos creek are located to the west and south of the site respectively. Since these two streams are greater than 1,000ft away from the site, with the major streets of South Las Posas Road and West San Marcos Creek Boulevard located between the site and the streams, no indirect or peripheral impacts to these nearby aquatic resources are likely to result from the implementation of this project.

5 Discussion and Recommendations

Based on the results of the site assessment and land cover type mapped in the Project site, the site does not contain sensitive habitat and does not have the potential to support special-status species that would require mitigation if impacted.

While no land cover types were observed which have a likelihood of utilization for nesting by migratory birds, native bird species (including ones with special status) have the potential to perch, or otherwise utilize non-native ornamental trees within the landscaping or built structures and would be protected by the Migratory Bird Treaty Act (MBTA). In order to comply with the MBTA and verify avoidance of take of listed species, a pre-construction nesting bird survey will be conducted if demolition or construction occurs within the nesting season (January 15 to August 31).

6 Conclusion

The fully developed nature of the site has precluded presence of native or natural vegetation communities or habitat types. Given the lack of wildlife and plant species habitat and lack of potentially jurisdictional aquatic features, no further focused studies or delineations are warranted.

In order to comply with the MBTA, a pre-construction nesting bird survey will be conducted if demolition or construction occurs within the nesting season (January 15 to August 31).

The proposed project will be required to meet all goals and objectives of the City of San Marcos' General Plan and Zoning Ordinance, including compliance with all CEQA regulations.

If you have any questions or comments regarding the contents of this biological resources letter report, please do not hesitate to contact me at 619.977.6507 or via email at coesch@dudek.com.

Sincerely,

Christopher Oesch
Senior Biologist – Project Manager

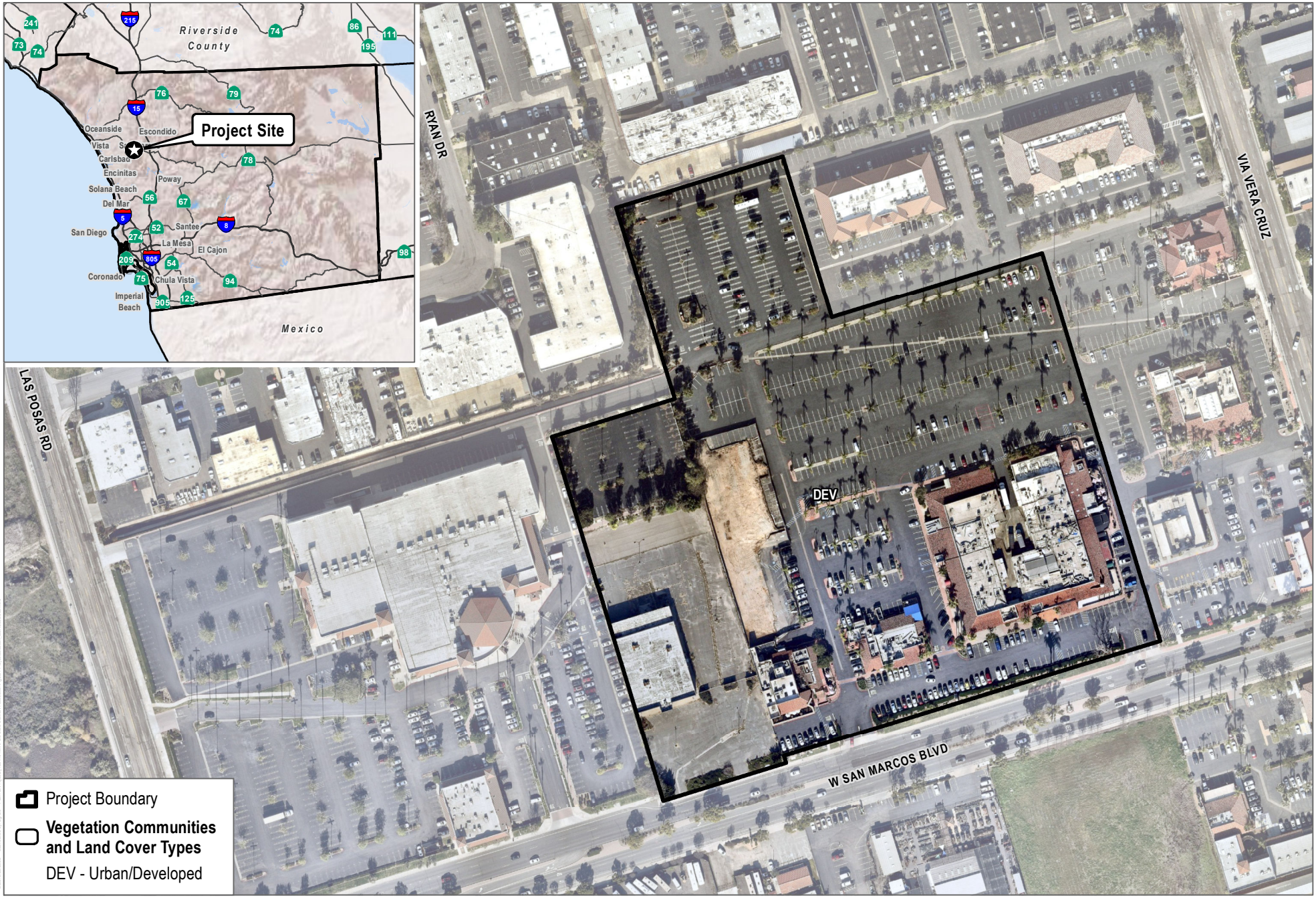
Att.: *Figure 1, Project Location*
Appendix A CNDDB Database Results, Plant Species Potential to Occur
Appendix B CNDDB Database Results, Wildlife Species Potential to Occur
cc: *Vanessa Scheidel, Dudek*

7 Literature Cited

CDFW (California Department of Fish and Wildlife). 2021. California Natural Diversity Database (CNDDB) Rarefind 5 Version 5.2.14. Accessed December, 2021. https://apps.wildlife.ca.gov/rarefind/view/RareFind.aspx.

Holland, R.F. 1986. *Preliminary Descriptions of the Terrestrial Natural Communities of California.* Nongame-Heritage Program, California Department of Fish and Game. October 1986.

Oberbauer, T., M. Kelly, and J. Buegge. 2008. *Draft Vegetation Communities of San Diego County*. Based on *Preliminary Descriptions of the Terrestrial Natural Communities of California*, by R.F. Holland, October 1986. March 2008.



SOURCE: SANGIS 2020, 2022

DUDEK

0 100 200 Feet

FIGURE 1

Project Location

San Marcos Restaurant Row

Appendix A

CNDDB Database Results,
Plant Species Potential to Occur

Scientific Name	Common Name	Status (Federal/ State/CRPR)	San Diego MHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Blooming during survey?	Elevation appropriate?	Habitats Appropriate?	Potential to Occur
Abronia maritima	red sand-verbena	None/None/4.2	None	Coastal dunes/perennial herb/Feb–Nov/0–330	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Abronia villosa var. *aurita*	chaparral sand-verbena	None/None/1B.1	None	Chaparral, Coastal scrub, Desert dunes; Sandy/ annual herb/(Jan)Mar–Sep/245–5,245	Y	Y	N	Not expected to occur. No suitable vegetation present.
Acanthomintha ilicifolia	San Diego thorn-mint	FT/SE/1B.1	Covered; Narrow Endemic	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; Clay, Openings/annual herb/Apr–June/35–3,145	Y	Y	N	Not expected to occur. No suitable vegetation present.
Acmispon prostratus	Nuttall's acmispon	None/None/1B.1	Covered; Narrow Endemic	Coastal dunes, Coastal scrub/annual herb/ Mar–June(July)/0–35	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Adolphia californica	California adolphia	None/None/2B.1	None	Chaparral, Coastal scrub, Valley and foothill grassland; Clay/perennial deciduous shrub/ Dec–May/35–2,425	Y	Y	N	Not expected to occur. No suitable vegetation present.
Agave shawii var. *shawii*	Shaw's agave	None/None/2B.1	None	Coastal bluff scrub, Coastal scrub/perennial leaf/ Sep–May/10–395	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Allium marvinii	Yucaipa onion	None/None/1B.2	None	Chaparral/perennial bulbiferous herb/Apr–May/ 2,490–3,490	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Ambrosia pumila	San Diego ambrosia	FE/None/1B.1	Covered; Narrow Endemic	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; Alkaline (sometimes), Clay (sometimes), Disturbed areas (often), Loam (sometimes), Sandy (sometimes)/perennial rhizomatous herb/Apr–Oct/65–1,360	Y	Y	N	Not expected to occur. No suitable vegetation present.
Aphanisma blitoides	aphanisma	None/None/1B.2	None	Coastal bluff scrub, Coastal dunes, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)/annual herb/Feb–June/5–1,000	Y	Y	N	Not expected to occur. No suitable vegetation present.
Arctostaphylos glandulosa ssp. *crassifolia*	Del Mar manzanita	FE/None/1B.1	Covered; Narrow Endemic	Chaparral/perennial evergreen shrub/June–Apr/ 0–1,195	Y	Y	N	Not expected to occur. No suitable vegetation present.
Arctostaphylos rainbowensis	Rainbow manzanita	None/None/1B.1	None	Chaparral/perennial evergreen shrub/Dec–Mar/ 675–2,195	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Artemisia palmeri	San Diego sagewort	None/None/4.2	None	Chaparral, Coastal scrub, Riparian forest, Riparian scrub, Riparian woodland; Mesic, Sandy/perennial deciduous shrub/(Feb)May–Sep/50–3,000	Y	Y	N	Not expected to occur. No suitable vegetation present.
Asplenium vespertinum	western spleenwort	None/None/4.2	None	Chaparral, Cismontane woodland, Coastal scrub; Rocky/perennial rhizomatous herb/Feb–June/ 590–3,280	Y	Y	N	Not expected to occur. No suitable vegetation present.
Atriplex coulteri	Coulter's saltbush	None/None/1B.2	None	Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland; Alkaline (sometimes), Clay (sometimes)/perennial herb/Mar–Oct/ 10–1,505	Y	Y	N	Not expected to occur. No suitable vegetation present.
Atriplex pacifica	south coast saltscale	None/None/1B.2	None	Coastal bluff scrub, Coastal dunes, Coastal scrub, Playas/annual herb/Mar–Oct/0–460	Y	Y	N	Not expected to occur. No suitable vegetation present.
Baccharis vanessae	Encinitas baccharis	FT/SE/1B.1	Covered; Narrow Endemic	Chaparral, Cismontane woodland; Sandstone/ perennial deciduous shrub/Aug–Nov/195–2,360	Y	Y	N	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	San Diego MHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Blooming during survey?	Elevation appropriate?	Habitats Appropriate?	Potential to Occur
Bloomeria clevelandii	San Diego goldenstar	None/None/1B.1	Narrow Endemic	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools; Clay/perennial bulbiferous herb/Apr–May/165–1,525	Y	Y	N	Not expected to occur. No suitable vegetation present.
Brodiaea filifolia	thread-leaved brodiaea	FT/SE/1B.1	Narrow Endemic	Chaparral, Cismontane woodland, Coastal scrub, Playas, Valley and foothill grassland, Vernal pools; Clay (often)/perennial bulbiferous herb/ Mar–June/80–3,670	Y	Y	N	Not expected to occur. No suitable vegetation present.
Brodiaea orcuttii	Orcutt's brodiaea	None/None/1B.1	None	Chaparral, Cismontane woodland, Closed-cone coniferous forest, Meadows and seeps, Valley and foothill grassland, Vernal pools; Clay, Mesic/ perennial bulbiferous herb/May–July/100–5,550	Y	Y	N	Not expected to occur. No suitable vegetation present.
Calandrinia breweri	Brewer's calandrinia	None/None/4.2	None	Chaparral, Coastal scrub; Burned areas, Disturbed areas, Loam (sometimes), Sandy (sometimes)/ annual herb/(Jan)Mar–June/35–4,000	Y	Y	N	Not expected to occur. No suitable vegetation present.
Calochortus plummerae	Plummer's mariposa-lily	None/None/4.2	None	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Valley and foothill grassland; Granitic, Rocky/perennial bulbiferous herb/May–July/330–5,575	Y	Y	N	Not expected to occur. No suitable vegetation present.
Camissoniopsis lewisii	Lewis' evening-primrose	None/None/3	None	Cismontane woodland, Coastal bluff scrub, Coastal dunes, Coastal scrub, Valley and foothill grassland; Clay (sometimes), Sandy (sometimes)/annual herb/ Mar–May(June)/0–985	Y	Y	N	Not expected to occur. No suitable vegetation present.
Caulanthus simulans	Payson's jewelflower	None/None/4.2	None	Chaparral, Coastal scrub; Granitic, Sandy/annual herb/(Feb)Mar–May(June)/295–7,215	Y	Y	N	Not expected to occur. No suitable vegetation present.
Ceanothus cyaneus	Lakeside ceanothus	None/None/1B.2	None	Chaparral, Closed-cone coniferous forest/perennial evergreen shrub/Apr–June/770–2,475	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Ceanothus verrucosus	wart-stemmed ceanothus	None/None/2B.2	Covered	Chaparral/perennial evergreen shrub/Dec–May/ 5–1,245	Y	Y	N	Not expected to occur. No suitable vegetation present.
Centromadia parryi ssp. *australis*	southern tarplant	None/None/1B.1	None	Marshes and swamps, Valley and foothill grassland, Vernal pools/annual herb/May–Nov/0–1,570	Y	Y	N	Not expected to occur. No suitable vegetation present.
Centromadia pungens ssp. *laevis*	smooth tarplant	None/None/1B.1	None	Chenopod scrub, Meadows and seeps, Playas, Riparian woodland, Valley and foothill grassland; Alkaline/annual herb/Apr–Sep/0–2,095	Y	Y	N	Not expected to occur. No suitable vegetation present.
Chaenactis glabriuscula var. *orcuttiana*	Orcutt's pincushion	None/None/1B.1	None	Coastal bluff scrub, Coastal dunes/annual herb/ Jan–Aug/0–330	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Chamaebatia australis	southern mountain misery	None/None/4.2	None	Chaparral/perennial evergreen shrub/Nov–May/ 985–3,345	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Chorizanthe orcuttiana	Orcutt's spineflower	FE/SE/1B.1	Covered; Narrow Endemic	Chaparral, Closed-cone coniferous forest, Coastal scrub; Openings, Sandy/annual herb/Mar–May/ 10–410	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Chorizanthe polygonoides var. *longispina*	long-spined spineflower	None/None/1B.2	None	Chaparral, Coastal scrub, Meadows and seeps, Valley and foothill grassland, Vernal pools; Clay (often)/annual herb/Apr–July/100–5,015	Y	Y	N	Not expected to occur. No suitable vegetation present.
Cistanthe maritima	seaside cistanthe	None/None/4.2	None	Coastal bluff scrub, Coastal scrub, Valley and foothill grassland; Sandy/annual herb/(Feb)Mar–June(Aug)/ 15–985	Y	Y	N	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	San Diego MHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Blooming during survey?	Elevation appropriate?	Habitats Appropriate?	Potential to Occur
Clarkia delicata	delicate clarkia	None/None/1B.2	None	Chaparral, Cismontane woodland; Gabbroic (often)/ annual herb/Apr–June/770–3,280	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Comarostaphylis diversifolia ssp. *diversifolia*	summer holly	None/None/1B.2	Covered	Chaparral, Cismontane woodland/perennial evergreen shrub/Apr–June/100–2,590	Y	Y	N	Not expected to occur. No suitable vegetation present.
Convolvulus simulans	small-flowered morning-glory	None/None/4.2	None	Chaparral, Coastal scrub, Valley and foothill grassland; Clay, Seeps, Serpentinite/annual herb/ Mar–July/100–2,425	Y	Y	N	Not expected to occur. No suitable vegetation present.
Corethrogyne filaginifolia var. *linifolia*	Del Mar Mesa sand aster	None/None/1B.1	Covered; Narrow Endemic	Chaparral, Coastal bluff scrub, Coastal scrub; Sandy/perennial herb/May–Sep/15–490	Y	Y	N	Not expected to occur. No suitable vegetation present.
Cryptantha wigginsii	Wiggins' cryptantha	None/None/1B.2	None	Coastal scrub; Clay (often)/annual herb/Feb–June/ 65–900	Y	Y	N	Not expected to occur. No suitable vegetation present.
Deinandra paniculata	paniculate tarplant	None/None/4.2	None	Coastal scrub, Valley and foothill grassland, Vernal pools; Sandy (sometimes), Vernally Mesic (usually)/annual herb/(Mar)Apr–Nov/80–3,080	Y	Y	N	Not expected to occur. No suitable vegetation present.
Dichondra occidentalis	western dichondra	None/None/4.2	None	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/perennial rhizomatous herb/(Jan)Mar–July/165–1,640	Y	Y	N	Not expected to occur. No suitable vegetation present.
Dudleya alainae	Banner dudleya	None/None/3.2	None	Chaparral, Lower montane coniferous forest, Sonoran desert scrub; Rocky/perennial herb/ Apr–July/2,425–3,935	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Dudleya blochmaniae ssp. *blochmaniae*	Blochman's dudleya	None/None/1B.1	None	Chaparral, Coastal bluff scrub, Coastal scrub, Valley and foothill grassland; Clay (often), Rocky, Serpentinite/perennial herb/Apr–June/15–1,475	Y	Y	N	Not expected to occur. No suitable vegetation present.
Dudleya multicaulis	many-stemmed dudleya	None/None/1B.2	None	Chaparral, Coastal scrub, Valley and foothill grassland; Clay (often)/perennial herb/Apr–July/50–2,590	Y	Y	N	Not expected to occur. No suitable vegetation present.
Dudleya variegata	variegated dudleya	None/None/1B.2	Narrow Endemic	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland, Vernal pools; Clay/perennial herb/Apr–June/10–1,900	Y	Y	N	Not expected to occur. No suitable vegetation present.
Dudleya viscida	sticky dudleya	None/None/1B.2	None	Chaparral, Cismontane woodland, Coastal bluff scrub, Coastal scrub; Rocky/perennial herb/ May–June/35–1,800	Y	Y	N	Not expected to occur. No suitable vegetation present.
Ericameria palmeri var. *palmeri*	Palmer's goldenbush	None/None/1B.1	None	Chaparral, Coastal scrub; Mesic/perennial evergreen shrub/(July)Sep–Nov/100–1,965	Y	Y	N	Not expected to occur. No suitable vegetation present.
Eryngium aristulatum var. *parishii*	San Diego button-celery	FE/SE/1B.1	Narrow Endemic	Coastal scrub, Valley and foothill grassland, Vernal pools; Mesic/annual/perennial herb/Apr–June/ 65–2,030	Y	Y	N	Not expected to occur. No suitable vegetation present.
Eryngium pendletonense	Pendleton button-celery	None/None/1B.1	None	Coastal bluff scrub, Valley and foothill grassland, Vernal pools; Clay, Vernally Mesic/perennial herb/ Apr–June(July)/50–360	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Erysimum ammophilum	sand-loving wallflower	None/None/1B.2	None	Chaparral, Coastal dunes, Coastal scrub; Openings, Sandy/perennial herb/Feb–June(July–Aug)/0–195	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Erythranthe diffusa	Palomar monkeyflower	None/None/4.3	None	Chaparral, Lower montane coniferous forest; Gravelly (sometimes), Sandy (sometimes)/annual herb/Apr–June/4,000–6,000	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	San Diego MHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Blooming during survey?	Elevation appropriate?	Habitats Appropriate?	Potential to Occur
Euphorbia misera	cliff spurge	None/None/2B.2	Covered	Coastal bluff scrub, Coastal scrub, Mojavean desert scrub; Rocky/perennial shrub/(Oct)Dec–Aug/ 35–1,640	Y	Y	N	Not expected to occur. No suitable vegetation present.
Ferocactus viridescens	San Diego barrel cactus	None/None/2B.1	Covered	Chaparral, Coastal scrub, Valley and foothill grassland, Vernal pools/perennial stem/May–June/ 10–1,475	Y	Y	N	Not expected to occur. No suitable vegetation present.
Githopsis diffusa ssp. *filicaulis*	Mission Canyon bluecup	None/None/3.1	None	Chaparral/annual herb/Apr–June/1,475–2,295	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Harpagonella palmeri	Palmer's grapplinghook	None/None/4.2	None	Chaparral, Coastal scrub, Valley and foothill grassland; Clay, Openings/annual herb/Mar–May/ 65–3,130	Y	Y	N	Not expected to occur. No suitable vegetation present.
Hazardia orcuttii	Orcutt's hazardia	None/ST/1B.1	Covered; Narrow Endemic	Chaparral, Coastal scrub; Clay (often)/perennial evergreen shrub/Aug–Oct/260–280	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Heterotheca sessiliflora ssp. *sessiliflora*	beach goldenaster	None/None/1B.1	None	Chaparral, Coastal dunes, Coastal scrub/perennial herb/Mar–Dec/0–4,015	Y	Y	N	Not expected to occur. No suitable vegetation present.
Holocarpha virgata ssp. *elongata*	graceful tarplant	None/None/4.2	None	Chaparral, Cismontane woodland, Coastal scrub, Valley and foothill grassland/annual herb/ May–Nov/195–3,605	Y	Y	N	Not expected to occur. No suitable vegetation present.
Hordeum intercedens	vernal barley	None/None/3.2	None	Coastal dunes, Coastal scrub, Valley and foothill grassland, Vernal pools/annual herb/Mar–June/ 15–3,280	Y	Y	N	Not expected to occur. No suitable vegetation present.
Horkelia cuneata var. *puberula*	mesa horkelia	None/None/1B.1	None	Chaparral, Cismontane woodland, Coastal scrub; Gravelly (sometimes), Sandy (sometimes)/perennial herb/Feb–July(Sep)/230–2,655	Y	Y	N	Not expected to occur. No suitable vegetation present.
Horkelia truncata	Ramona horkelia	None/None/1B.3	None	Chaparral, Cismontane woodland; Clay, Gabbroic/ perennial herb/May–June/1,310–4,265	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Isocoma menziesii var. *decumbens*	decumbent goldenbush	None/None/1B.2	None	Chaparral, Coastal scrub/perennial shrub/Apr–Nov/ 35–445	Y	Y	N	Not expected to occur. No suitable vegetation present.
Iva hayesiana	San Diego marsh-elder	None/None/2B.2	Covered	Marshes and swamps, Playas/perennial herb/ Apr–Oct/35–1,640	Y	Y	N	Not expected to occur. No suitable vegetation present.
Juglans californica	Southern California black walnut	None/None/4.2	None	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland/perennial deciduous tree/ Mar–Aug/165–2,950	Y	Y	N	Not expected to occur. No suitable vegetation present.
Juncus acutus ssp. *leopoldii*	southwestern spiny rush	None/None/4.2	None	Coastal dunes, Marshes and swamps, Meadows and seeps/perennial rhizomatous herb/ (Mar)May–June/10–2,950	Y	Y	N	Not expected to occur. No suitable vegetation present.
Lasthenia glabrata ssp. *coulteri*	Coulter's goldfields	None/None/1B.1	None	Marshes and swamps, Playas, Vernal pools/annual herb/Feb–June/5–4,000	Y	Y	N	Not expected to occur. No suitable vegetation present.
Lathyrus splendens	pride-of-California	None/None/4.3	None	Chaparral/perennial herb/Mar–June/655–5,000	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Lepechinia cardiophylla	heart-leaved pitcher sage	None/None/1B.2	None	Chaparral, Cismontane woodland, Closed-cone coniferous forest/perennial shrub/Apr–July/ 1,705–4,490	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	San Diego MHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Blooming during survey?	Elevation appropriate?	Habitats Appropriate?	Potential to Occur
Lepidium virginicum var. *robinsonii*	Robinson's pepper-grass	None/None/4.3	None	Chaparral, Coastal scrub/annual herb/Jan–July/ 5–2,900	Y	Y	N	Not expected to occur. No suitable vegetation present.
Leptosyne maritima	sea dahlia	None/None/2B.2	None	Coastal bluff scrub, Coastal scrub/perennial herb/ Mar–May/15–490	Y	Y	N	Not expected to occur. No suitable vegetation present.
Lycium californicum	California box-thorn	None/None/4.2	None	Coastal bluff scrub, Coastal scrub/perennial shrub/ Mar–Aug(Dec)/15–490	Y	Y	N	Not expected to occur. No suitable vegetation present.
Microseris douglasii ssp. *platycarpha*	small-flowered microseris	None/None/4.2	None	Cismontane woodland, Coastal scrub, Valley and foothill grassland, Vernal pools; Clay/annual herb/ Mar–May/50–3,510	Y	Y	N	Not expected to occur. No suitable vegetation present.
Monardella hypoleuca ssp. *intermedia*	intermediate monardella	None/None/1B.3	None	Chaparral, Cismontane woodland, Lower montane coniferous forest/perennial rhizomatous herb/ Apr–Sep/1,310–4,100	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Monardella hypoleuca ssp. *lanata*	felt-leaved monardella	None/None/1B.2	None	Chaparral, Cismontane woodland/perennial rhizomatous herb/June–Aug/985–5,165	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Myosurus minimus ssp. *apus*	little mousetail	None/None/3.1	Covered; Narrow Endemic	Valley and foothill grassland, Vernal pools/annual herb/Mar–June/65–2,095	Y	Y	N	Not expected to occur. No suitable vegetation present.
Nama stenocarpa	mud nama	None/None/2B.2	None	Marshes and swamps/annual/perennial herb/ Jan–July/15–1,640	Y	Y	N	Not expected to occur. No suitable vegetation present.
Navarretia fossalis	spreading navarretia	FT/None/1B.1	Covered; Narrow Endemic	Chenopod scrub, Marshes and swamps, Playas, Vernal pools/annual herb/Apr–June/100–2,145	Y	Y	N	Not expected to occur. No suitable vegetation present.
Nemacaulis denudata var. *denudata*	coast woolly-heads	None/None/1B.2	None	Coastal dunes/annual herb/Apr–Sep/0–330	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Nemacaulis denudata var. *gracilis*	slender cottonheads	None/None/2B.2	None	Coastal dunes, Desert dunes, Sonoran desert scrub/annual herb/(Mar)Apr–May/-,165–1,310	Y	Y	N	Not expected to occur. No suitable vegetation present.
Nolina cismontana	chaparral nolina	None/None/1B.2	None	Chaparral, Coastal scrub; Gabbroic (sometimes), Sandstone (sometimes)/perennial evergreen shrub/(Mar)May–July/460–4,180	Y	Y	N	Not expected to occur. No suitable vegetation present.
Ophioglossum californicum	California adder's-tongue	None/None/4.2	None	Chaparral, Valley and foothill grassland, Vernal pools; Mesic/perennial rhizomatous herb/ Jan–June(Dec)/195–1,720	Y	Y	N	Not expected to occur. No suitable vegetation present.
Orcuttia californica	California Orcutt grass	FE/SE/1B.1	Covered; Narrow Endemic	Vernal pools/annual herb/Apr–Aug/50–2,165	Y	Y	N	Not expected to occur. No suitable vegetation present.
Orobanche parishii ssp. *brachyloba*	short-lobed broomrape	None/None/4.2	None	Coastal bluff scrub, Coastal dunes, Coastal scrub; Sandy/perennial herb (parasitic)/Apr–Oct/ 10–1,000	Y	Y	N	Not expected to occur. No suitable vegetation present.
Pentachaeta aurea ssp. *aurea*	golden-rayed pentachaeta	None/None/4.2	None	Chaparral, Cismontane woodland, Coastal scrub, Lower montane coniferous forest, Riparian woodland, Valley and foothill grassland/annual herb/Mar–July/260–6,065	Y	Y	N	Not expected to occur. No suitable vegetation present.
Pinus torreyana ssp. *torreyana*	Torrey pine	None/None/1B.2	Covered	Chaparral, Closed-cone coniferous forest; Sandstone/perennial evergreen tree//100–525	Y	Y	N	Not expected to occur. No suitable vegetation present.
Pogogyne abramsii	San Diego mesa mint	FE/SE/1B.1	None	Vernal pools/annual herb/Mar–July/295–655	Y	Y	N	Not expected to occur. No suitable vegetation present.

Scientific Name	Common Name	Status (Federal/ State/CRPR)	San Diego MHCP	Primary Habitat Associations/ Life Form/ Blooming Period/ Elevation Range (feet)	Blooming during survey?	Elevation appropriate?	Habitats Appropriate?	Potential to Occur
Pseudognaphalium leucocephalum	white rabbit-tobacco	None/None/2B.2	None	Chaparral, Cismontane woodland, Coastal scrub, Riparian woodland; Gravelly, Sandy/perennial herb/(July)Aug–Nov(Dec)/0–6,885	Y	Y	N	Not expected to occur. No suitable vegetation present.
Psilocarphus brevissimus var. *multiflorus*	Delta woolly-marbles	None/None/4.2	None	Vernal pools/annual herb/May–June/35–1,640	Y	Y	N	Not expected to occur. No suitable vegetation present.
Quercus dumosa	Nuttall's scrub oak	None/None/1B.1	Covered	Chaparral, Closed-cone coniferous forest, Coastal scrub; Clay, Loam, Sandy/perennial evergreen shrub/Feb–Apr(May–Aug)/50–1,310	Y	Y	N	Not expected to occur. No suitable vegetation present.
Quercus engelmannii	Engelmann oak	None/None/4.2	Covered	Chaparral, Cismontane woodland, Riparian woodland, Valley and foothill grassland/perennial deciduous tree/Mar–June/165–4,265	Y	Y	N	Not expected to occur. No suitable vegetation present.
Rupertia rigida	Parish's rupertia	None/None/4.3	None	Chaparral, Cismontane woodland, Lower montane coniferous forest, Meadows and seeps, Pebble (Pavement) plain, Valley and foothill grassland/ perennial herb/June–Aug/2,295–8,200	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Salvia munzii	Munz's sage	None/None/2B.2	None	Chaparral, Coastal scrub/perennial evergreen shrub/Feb–Apr/375–3,490	Y	Y	N	Not expected to occur. No suitable vegetation present.
Selaginella cinerascens	ashy spike-moss	None/None/4.1	None	Chaparral, Coastal scrub/perennial rhizomatous herb//65–2,095	Y	Y	N	Not expected to occur. No suitable vegetation present.
Sidalcea neomexicana	salt spring checkerbloom	None/None/2B.2	None	Chaparral, Coastal scrub, Lower montane coniferous forest, Mojavean desert scrub, Playas; Alkaline, Mesic/perennial herb/Mar–June/50–5,015	Y	Y	N	Not expected to occur. No suitable vegetation present.
Sphaerocarpos drewiae	bottle liverwort	None/None/1B.1	None	Chaparral, Coastal scrub; Openings/ephemeral liverwort//295–1,965	Y	Y	N	Not expected to occur. No suitable vegetation present.
Sphenopholis interrupta ssp. *californica*	prairie false oat	None/None/1B.1	None	Chaparral; Clay/annual herb/Apr/50–50	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Stemodia durantifolia	purple stemodia	None/None/2B.1	None	Sonoran desert scrub/perennial herb/ (Jan)Apr–Dec/590–985	Y	Y	N	Not expected to occur. No suitable vegetation present.
Stipa diegoensis	San Diego County needle grass	None/None/4.2	None	Chaparral, Coastal scrub; Mesic (often), Rocky/ perennial herb/Feb–June/35–2,620	Y	Y	N	Not expected to occur. No suitable vegetation present.
Suaeda esteroa	estuary seablite	None/None/1B.2	None	Marshes and swamps/perennial herb/ (Jan–May)July–Oct/0–15	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Suaeda taxifolia	woolly seablite	None/None/4.2	None	Coastal bluff scrub, Coastal dunes, Marshes and swamps/perennial evergreen shrub/Jan–Dec/ 0–165	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.
Tetracoccus dioicus	Parry's tetracoccus	None/None/1B.2	Covered	Chaparral, Coastal scrub/perennial deciduous shrub/Apr–May/540–3,280	Y	Y	N	Not expected to occur. No suitable vegetation present.
Viguiera laciniata	San Diego County viguiera	None/None/4.3	None	Chaparral, Coastal scrub/perennial shrub/ Feb–June(Aug)/195–2,460	Y	Y	N	Not expected to occur. No suitable vegetation present.
Xanthisma junceum	rush-like bristleweed	None/None/4.3	None	Chaparral, Coastal scrub/perennial herb/Jan–Oct/ 785–3,280	Y	N	N	Not expected to occur. The site is outside of the species' known elevation range and there is no suitable vegetation present.

Appendix B

CNDDB Database Results,
Wildlife Species Potential to Occur

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Amphibians							
Anaxyrus californicus	arroyo toad	FE/SSC	Covered	Covered	Semi-arid areas near washes, sandy riverbanks, riparian areas, palm oasis, Joshua tree, mixed chaparral and sagebrush; stream channels for breeding (typically third order); adjacent stream terraces and uplands for foraging and wintering	N	Not expected to occur. No suitable vegetation present.
Rana draytonii	California red-legged frog	FT/SSC	None	None	Lowland streams, wetlands, riparian woodlands, livestock ponds; dense, shrubby or emergent vegetation associated with deep, still or slow-moving water; uses adjacent uplands	N	Not expected to occur. No suitable vegetation present.
Spea hammondii	western spadefoot	None/SSC	None	Covered	Primarily grassland and vernal pools, but also in ephemeral wetlands that persist at least 3 weeks in chaparral, coastal scrub, valley–foothill woodlands, pastures, and other agriculture	N	Not expected to occur. No suitable vegetation present.
Taricha torosa (Monterey Co. south only)	California newt	None/SSC	None	None	Wet forests, oak forests, chaparral, and rolling grassland	N	Not expected to occur. No suitable vegetation present.
Birds							
Accipiter cooperii (nesting)	Cooper's hawk	BCC/WL	Covered	Covered	Nests and forages in dense stands of live oak, riparian woodlands, or other woodland habitats often near water	N	Not expected to occur. No suitable vegetation present.
Accipiter striatus (nesting)	sharp-shinned hawk	None/WL	None	None	Nests in coniferous forests, ponderosa pine, black oak, riparian deciduous, mixed conifer, Jeffrey pine; winters in lowland woodlands and other habitats	N	Not expected to occur. No suitable vegetation present.
Agelaius tricolor (nesting colony)	tricolored blackbird	BCC/SSC, ST	Covered	Covered	Nests near freshwater, emergent wetland with cattails or tules, but also in Himalayan blackberry; forages in grasslands, woodland, and agriculture	N	Not expected to occur. No suitable vegetation present.
Aimophila ruficeps canescens	Southern California rufous-crowned sparrow	BCC/WL	Covered	Covered	Nests and forages in open coastal scrub and chaparral with low cover of scattered scrub interspersed with rocky and grassy patches	N	Not expected to occur. No suitable vegetation present.
Ammodramus savannarum (nesting)	grasshopper sparrow	None/SSC	Covered	Covered	Nests and forages in moderately open grassland with tall forbs or scattered shrubs used for perches	N	Not expected to occur. No suitable vegetation present.
Aquila chrysaetos (nesting and wintering)	golden eagle	None/FP, WL	None	Covered	Nests and winters in hilly, open/semi-open areas, including shrublands, grasslands, pastures, riparian areas, mountainous canyon land, open desert rimrock terrain; nests in large trees and on cliffs in open areas and forages in open habitats	N	Not expected to occur. No suitable vegetation present.
Ardea alba (nesting colony)	great egret	None/None	None	None	Nests and roosts in large trees over water or on islands, both in freshwater and marine estuarine habitats; forages in wetlands, including marshes, streams, ditches, and fish-rearing ponds, but also in irrigated pastures and croplands	N	Not expected to occur. No suitable vegetation present.
Ardea herodias (nesting colony)	great blue heron	None/None	None	None	Nests in large trees or snags; forages in wetlands, water bodies, watercourses, and opportunistically in uplands, including pasture and croplands	N	Not expected to occur. No suitable vegetation present.
Artemisiospiza belli belli	Bell's sage sparrow	None/WL	Covered	Covered	Nests and forages in coastal scrub and dry chaparral; typically in large, unfragmented patches dominated by chamise; nests in more dense patches but uses more open habitat in winter	N	Not expected to occur. No suitable vegetation present.
Asio otus (nesting)	long-eared owl	BCC/SSC	None	None	Nests in riparian habitat, live oak thickets, other dense stands of trees, edges of coniferous forest; forages in nearby open habitats	N	Not expected to occur. No suitable vegetation present.
Athene cunicularia (burrow sites and some wintering sites)	burrowing owl	BCC/SSC	None	Covered	Nests and forages in grassland, open scrub, and agriculture, particularly with ground squirrel burrows	N	Not expected to occur. No suitable vegetation present.

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Aythya americana (nesting)	redhead	None/SSC	None	None	Nests in deep (>3 ft) permanent or semi-permanent wetlands of at least 1 acre; 75% open water; emergent tules, *Scirpus* spp., and *Typha* spp. 3 feet in height; winters in coastal estuaries and large, deep ponds, lakes, and reservoirs of the interior	N	Not expected to occur. No suitable vegetation present.
Botaurus lentiginosus	American bittern	None/None	None	None	Nests in marshes with fairly tall freshwater vegetation (3-4 feet) and shallow water (less than 1 foot) near rivers, ponds, and lakes	N	Not expected to occur. No suitable vegetation present.
Buteo regalis (wintering)	ferruginous hawk	None/WL	None	None	Winters and forages in open, dry country, grasslands, open fields, agriculture	N	Not expected to occur. No suitable vegetation present.
Buteo swainsoni (nesting)	Swainson's hawk	None/ST	None	None	Nests in open woodland and savanna, riparian, and in isolated large trees; forages in nearby grasslands and agricultural areas such as wheat and alfalfa fields and pasture	N	Not expected to occur. No suitable vegetation present.
Calypte costae (nesting)	Costa's hummingbird	BCC/None	None	None	Nests and forages in desert wash, edges of riparian and valley–foothill riparian, coastal scrub, desert scrub, desert succulent scrub, lower-elevation chaparral, and palm oasis	Y	XXXX potential to occur.
Campylorhynchus brunneicapillus sandiegensis (San Diego and Orange Counties only)	coastal cactus wren	None/SSC	None	Covered	Southern cactus scrub patches	N	Not expected to occur. No suitable vegetation present.
Cerorhinca monocerata (nesting colony)	rhinoceros auklet	None/WL	None	None	Marine pelagic and subtidal habitats	N	Not expected to occur. No suitable vegetation present.
Chaetura vauxi (nesting)	Vaux's swift	None/SSC	None	None	Late-stage conifer forest and mixed-conifer/deciduous forest; nests in redwood (*Sequoia sempervirens*), Douglas-fir (*Pseudotsuga* spp.), and other conifers, and occasionally buildings and chimneys	N	Not expected to occur. No suitable vegetation present.
Charadrius montanus (wintering)	mountain plover	BCC/SSC	None	None	Winters in shortgrass prairies, plowed fields, open sagebrush, and sandy deserts	N	Not expected to occur. No suitable vegetation present.
Charadrius nivosus nivosus (nesting)	western snowy plover	FT, BCC/SSC	None	Covered	On coasts nests on sandy marine and estuarine shores; in the interior nests on sandy, barren or sparsely vegetated flats near saline or alkaline lakes, reservoirs, and ponds	N	Not expected to occur. No suitable vegetation present.
Circus hudsonius (nesting)	northern harrier	BCC/SSC	Covered	Covered	Nests in open wetlands (marshy meadows, wet lightly-grazed pastures, old fields, freshwater and brackish marshes); also in drier habitats (grassland and grain fields); forages in grassland, scrubs, rangelands, emergent wetlands, and other open habitats	N	Not expected to occur. No suitable vegetation present.
Cistothorus palustris clarkae	Clark's marsh wren	None/SSC	None	None	Nests and forages in freshwater and brackish marsh dominated by bulrushes and cattails	N	Not expected to occur. No suitable vegetation present.
Coccyzus americanus occidentalis (nesting)	western yellow-billed cuckoo	FT/SE	None	None	Nests in dense, wide riparian woodlands and forest with well-developed understories	N	Not expected to occur. No suitable vegetation present.
Contopus cooperi (nesting)	olive-sided flycatcher	BCC/SSC	None	None	Nests in mixed-conifer, montane hardwood–conifer, Douglas-fir, redwood, red fir, and lodgepole pine habitats; usually close to water	N	Not expected to occur. No suitable vegetation present.
Cypseloides niger (nesting)	black swift	BCC/SSC	None	None	Nests in moist crevices, caves, and cliffs behind or adjacent to waterfalls in deep canyons; forages over a wide range of habitats	N	Not expected to occur. No suitable vegetation present.

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Dendrocygna bicolor (nesting)	fulvous whistling-duck	None/SSC	None	None	Nests in freshwater wetlands, especially shallow impoundments managed for rice production and temporarily flooded grasslands; also nests in pastures, haylands, and small grain fields adjacent to rice fields	N	Not expected to occur. No suitable vegetation present.
Egretta thula (nesting colony)	snowy egret	None/None	None	None	Nests in dense marshes and trees; forages in wetlands or aquatic habitats, including estuaries, emergent wetlands, slow-moving rivers, irrigation ditches, and wet fields	Y	XXXX potential to occur.
Elanus leucurus (nesting)	white-tailed kite	None/FP	None	None	Nests in woodland, riparian, and individual trees near open lands; forages opportunistically in grassland, meadows, scrubs, agriculture, emergent wetland, savanna, and disturbed lands	N	Not expected to occur. No suitable vegetation present.
Empidonax traillii (nesting)	willow flycatcher	None/SE	None	None	Nests in wet meadow and montane willow riparian	N	Not expected to occur. No suitable vegetation present.
Empidonax traillii brewsteri (nesting)	little willow flycatcher	None/SE	None	None	Nests in riparian willow, montane meadows, and along streams	N	Not expected to occur. No suitable vegetation present.
Empidonax traillii extimus (nesting)	southwestern willow flycatcher	FE/SE	Covered	Covered	Nests in dense riparian habitats along streams, reservoirs, or wetlands; uses variety of riparian and shrubland habitats during migration	N	Not expected to occur. No suitable vegetation present.
Eremophila alpestris actia	California horned lark	None/WL	None	None	This subspecies of horned lark occurs on the state's southern and central coastal slope and in the San Joaquin Valley. Nests and forages in grasslands, disturbed lands, agriculture, and beaches.	N	Not expected to occur. No suitable vegetation present.
Falco columbarius (wintering)	merlin	None/WL	None	None	Forages in semi-open areas, including coastline, grassland, agriculture, savanna, woodland, lakes, and wetlands	N	Not expected to occur. No suitable vegetation present.
Falco mexicanus (nesting)	prairie falcon	None/WL	None	None	Forages in grassland, savanna, rangeland, agriculture, desert scrub, alpine meadows; nest on cliffs or bluffs	N	Not expected to occur. No suitable vegetation present.
Falco peregrinus anatum (nesting)	American peregrine falcon	FPD/FP, SCD	None	Covered	Nests on cliffs, buildings, and bridges; forages in wetlands, riparian, meadows, croplands, especially where waterfowl are present	N	Not expected to occur. No suitable vegetation present.
Gavia immer (nesting)	common loon	None/SSC	None	None	Extirpated as a breeder from California; winters in coastal waters such as bays, channels, coves, and inlets; also winters inland at large, deep lakes and reservoirs	N	Not expected to occur. No suitable vegetation present.
Gelochelidon nilotica (nesting colony)	gull-billed tern	BCC/SSC	None	None	Nests at the Salton Sea and in estuaries in San Diego County; forages in emergent wetland, lakes, mudflats, cropland, and grassland	N	Not expected to occur. No suitable vegetation present.
Gymnogyps californianus	California condor	FE/FP, SE	None	None	Nests in rock formations, deep caves, and occasionally in cavities in giant sequoia trees (Sequoiadendron giganteus); forages in relatively open habitats where large animal carcasses can be detected	N	Not expected to occur. No suitable vegetation present.
Haliaeetus leucocephalus (nesting and wintering)	bald eagle	FPD/FP, SE	None	None	Nests in forested areas adjacent to large bodies of water, including seacoasts, rivers, swamps, large lakes; winters near large bodies of water in lowlands and mountains	N	Not expected to occur. No suitable vegetation present.
Hydroprogne caspia (nesting colony)	Caspian tern	None/None	None	None	Coastal estuarine, saltmarsh, and barrier islands; nests on islands in rivers and salt lakes	N	Not expected to occur. No suitable vegetation present.
Icteria virens (nesting)	yellow-breasted chat	None/SSC	None	Covered	Nests and forages in dense, relatively wide riparian woodlands and thickets of willows, vine tangles, and dense brush	N	Not expected to occur. No suitable vegetation present.
Ixobrychus exilis (nesting)	least bittern	None/SSC	None	None	Nests in freshwater and brackish marshes with dense, tall growth of aquatic and semi-aquatic vegetation	N	Not expected to occur. No suitable vegetation present.
Lanius ludovicianus (nesting)	loggerhead shrike	None/SSC	None	None	Nests and forages in open habitats with scattered shrubs, trees, or other perches	N	Not expected to occur. No suitable vegetation present.

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Larus californicus (nesting colony)	California gull	BCC/WL	None	None	Nests in alkali and freshwater lacustrine habitats; abundant in coastal and interior lowlands during non-nesting period	N	Not expected to occur. No suitable vegetation present.
Laterallus jamaicensis coturniculus	California black rail	None/FP, ST	None	None	Tidal marshes, shallow freshwater margins, wet meadows, and flooded grassy vegetation; suitable habitats are often supplied by canal leakage in Sierra Nevada foothill populations	N	Not expected to occur. No suitable vegetation present.
Mycteria americana	wood stork	None/SSC	None	None	Nests in freshwater and marine-estuarine forested habitats; forages in natural and artificial wetlands; roosts in trees, usually over water	N	Not expected to occur. No suitable vegetation present.
Numenius americanus (nesting)	long-billed curlew	None/WL	None	None	Nests in grazed, mixed grass, and short-grass prairies; localized nesting along the California coast; winters and forages in coastal estuaries, mudflats, open grassland, and cropland	N	Not expected to occur. No suitable vegetation present.
Nycticorax nycticorax (nesting colony)	black-crowned night-heron	None/None	None	None	Nests in dense-foliaged trees and dense fresh or brackish emergent wetlands associated with marshes, ponds, reservoirs, and estuaries	N	Not expected to occur. No suitable vegetation present.
Pandion haliaetus (nesting)	osprey	None/WL	None	Covered	Large waters (lakes, reservoirs, rivers) supporting fish; usually near forest habitats, but widely observed along the coast	N	Not expected to occur. No suitable vegetation present.
Passerculus sandwichensis alaudinus	Bryant's savannah sparrow	None/SSC	None	None	Nests and forages in low tidally influenced habitats, adjacent ruderal areas, moist grassland within and just above fog belt, and drier grassland	N	Not expected to occur. No suitable vegetation present.
Passerculus sandwichensis beldingi	Belding's savannah sparrow	BCC/SE	None	Covered	Nests and forages in coastal saltmarsh dominated by pickleweed (*Salicornia* spp.)	N	Not expected to occur. No suitable vegetation present.
Pelecanus erythrorhynchos (nesting colony)	American white pelican	BCC/SSC	None	None	Nests colonially on sandy, earthen, or rocky substrates on isolated islands in freshwater lakes; minimal disturbance from predators; access to foraging areas on inland marshes, lakes, or rivers; winters on shallow coastal bays, inlets, and estuaries	N	Not expected to occur. No suitable vegetation present.
Pelecanus occidentalis californicus (nesting colonies and communal roosts)	California brown pelican	FPD/FP, SCD	None	Covered	Forages in warm coastal marine and estuarine environments; in California, nests on dry, rocky offshore islands	N	Not expected to occur. No suitable vegetation present.
Piranga rubra (nesting)	summer tanager	None/SSC	None	None	Nests and forages in mature desert riparian habitats dominated by cottonwoods and willows	N	Not expected to occur. No suitable vegetation present.
Plegadis chihi (nesting colony)	white-faced ibis	None/WL	Covered	Covered	Nests in shallow marshes with areas of emergent vegetation; winter foraging in shallow lacustrine waters, flooded agricultural fields, muddy ground of wet meadows, marshes, ponds, lakes, rivers, flooded fields, and estuaries	N	Not expected to occur. No suitable vegetation present.
Polioptila californica californica	coastal California gnatcatcher	FT/SSC	Covered	Covered	Nests and forages in various sage scrub communities, often dominated by California sagebrush and buckwheat; generally avoids nesting in areas with a slope of greater than 40%; majority of nesting at less than 1,000 feet above mean sea level	N	Not expected to occur. No suitable vegetation present.
Polioptila melanura	black-tailed gnatcatcher	None/WL	None	None	Nests and forages in wooded desert wash and desert scrub	N	Not expected to occur. No suitable vegetation present.
Progne subis (nesting)	purple martin	None/SSC	None	None	Nests and forages in woodland habitats including riparian, coniferous, and valley foothill and montane woodlands; in the Sacramento region often nests in weep holes under elevated freeways	N	Not expected to occur. No suitable vegetation present.

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Pyrocephalus rubinus (nesting)	vermilion flycatcher	None/SSC	None	None	Nests in riparian woodlands, riparian scrub, and freshwater marshes; typical desert riparian with cottonwood, willow, mesquite adjacent to irrigated fields, ditches, or pastures	N	Not expected to occur. No suitable vegetation present.
Rallus obsoletus levipes	Ridgway's rail	FE/FP, SE	None	Covered	Coastal wetlands, brackish areas, coastal saline emergent wetlands	N	Not expected to occur. No suitable vegetation present.
Riparia riparia (nesting)	bank swallow	None/ST	None	None	Nests in riparian, lacustrine, and coastal areas with vertical banks, bluffs, and cliffs with sandy soils; open country and water during migration	Y	XXXX potential to occur.
Rynchops niger (nesting colony)	black skimmer	BCC/SSC	None	None	Nests on barrier beaches, shell banks, spoil islands, and saltmarsh; forages over open water; roosts on sandy beaches and gravel bars	N	Not expected to occur. No suitable vegetation present.
Selasphorus rufus (nesting)	rufous hummingbird	BCC/None	None	None	Does not nest in California; migrates through a wide variety of habitats including coastal scrub, valley–foothill hardwood, and valley–foothill riparian habitats, and residential areas with feeders	N	Not expected to occur. No suitable vegetation present.
Setophaga petechia (nesting)	yellow warbler	None/SSC	None	None	Nests and forages in riparian and oak woodlands, montane chaparral, open ponderosa pine, and mixed-conifer habitats	N	Not expected to occur. No suitable vegetation present.
Spinus lawrencei (nesting)	Lawrence's goldfinch	BCC/None	None	None	Nests and forages in open oak, arid woodlands, and chaparral near water	N	Not expected to occur. No suitable vegetation present.
Sternula antillarum browni (nesting colony)	California least tern	FE/FP, SE	None	Covered	Forages in shallow estuaries and lagoons; nests on sandy beaches or exposed tidal flats	N	Not expected to occur. No suitable vegetation present.
Thalasseus elegans (nesting colony)	elegant tern	BCC/WL	None	Covered	Inshore coastal waters, bays, estuaries, and harbors; forages over open water	N	Not expected to occur. No suitable vegetation present.
Vireo bellii pusillus (nesting)	least Bell's vireo	FE/SE	Covered	Covered	Nests and forages in low, dense riparian thickets along water or along dry parts of intermittent streams; forages in riparian and adjacent shrubland late in nesting season	N	Not expected to occur. No suitable vegetation present.
Nannopterum auritum (nesting colony)	double-crested cormorant	None/WL	None	None	Nests in riparian trees near ponds, lakes, artificial impoundments, slow-moving rivers, lagoons, estuaries, and open coastlines; winter habitat includes lakes, rivers, and coastal areas	N	Not expected to occur. No suitable vegetation present.
Fishes							
Eucyclogobius newberryi	tidewater goby	FE/None	None	None	Brackish water habitats along the California coast from Agua Hedionda Lagoon, San Diego County, to the mouth of the Smith River	N	Not expected to occur. No suitable vegetation present.
Gila orcuttii	arroyo chub	None/SSC	None	None	Warm, fluctuating streams with slow-moving or backwater sections of warm to cool streams at depths >40 centimeters (16 inches); substrates of sand or mud	N	Not expected to occur. No suitable vegetation present.
Oncorhynchus mykiss irideus pop. 10	southern steelhead - southern California DPS	FE/SCE	None	None	Clean, clear, cool, well-oxygenated streams; needs relatively deep pools in migration and gravelly substrate to spawn	N	Not expected to occur. No suitable vegetation present.
Invertebrates							
Bombus crotchii	Crotch bumble bee	None/SCE	None	None	Open grassland and scrub communities supporting suitable floral resources.	Y	XXXX potential to occur.
Branchinecta sandiegonensis	San Diego fairy shrimp	FE/None	None	Covered	Vernal pools, non-vegetated ephemeral pools	N	Not expected to occur. No suitable vegetation present.
Cicindela senilis frosti	senile tiger beetle	None/None	None	None	Inhabits marine shoreline, from Central California coast south to saltmarshes of San Diego; also found at Lake Elsinore	N	Not expected to occur. No suitable vegetation present.

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Euphydryas editha quino	quino checkerspot butterfly	FE/None	None	Covered	Annual forblands, grassland, open coastal scrub and chaparral; often soils with cryptogamic crusts and fine-textured clay; host plants include *Plantago erecta*, *P. patagonica*, and *Antirrhinum coulterianum*, among others	N	Not expected to occur. No suitable vegetation present.
Euphyes vestris harbisoni	Harbison dun skipper	None/None	None	None	Oak riparian drainages and adjacent seeps supporting host plant *Carex spissa*	N	Not expected to occur. No suitable vegetation present.
Lycaena hermes	Hermes copper	FT/None	Covered	Covered	Mixed woodlands, chaparral, and coastal scrub	N	Not expected to occur. No suitable vegetation present.
Panoquina errans	wandering skipper	None/None	(blank)	Covered	Saltmarsh	N	Not expected to occur. No suitable vegetation present.
Streptocephalus woottoni	Riverside fairy shrimp	FE/None	None	Covered	Vernal pools, non-vegetated ephemeral pools	N	Not expected to occur. No suitable vegetation present.
Tryonia imitator	mimic tryonia (=California brackishwater snail)	None/None	None	None	Inhabits coastal lagoons, estuaries, and saltmarshes, from Sonoma County south to San Diego County	N	Not expected to occur. No suitable vegetation present.
Cicindela latesignata	western beach tiger beetle	None/None	None	None	Mudflats and beaches in coastal Southern California	N	Not expected to occur. No suitable vegetation present.
Danaus plexippus plexippus pop. 1	monarch - California overwintering population	FC/None	None	None	Wind-protected tree groves with nectar sources and nearby water sources	N	Not expected to occur. No suitable vegetation present.
Mammals							
Aeorestes cinereus	northern hoary bat	None/None	None	None	Forest, woodland riparian, and wetland habitats; also juniper scrub, riparian forest, and desert scrub in arid areas; roosts in tree foliage and sometimes cavities, such as woodpecker holes	N	Not expected to occur. No suitable vegetation present.
Antrozous pallidus	pallid bat	None/SSC	None	None	Grasslands, shrublands, woodlands, forests; most common in open, dry habitats with rocky outcrops for roosting, but also roosts in man-made structures and trees	N	Not expected to occur. No suitable vegetation present.
Chaetodipus californicus femoralis	Dulzura pocket mouse	None/SSC	None	None	Open habitat, coastal scrub, chaparral, oak woodland, chamise chaparral, mixed-conifer habitats; disturbance specialist; 0 to 3,000 feet above mean sea level	N	Not expected to occur. No suitable vegetation present.
Chaetodipus fallax fallax	northwestern San Diego pocket mouse	None/SSC	Covered	Covered	Coastal scrub, mixed chaparral, sagebrush, desert wash, desert scrub, desert succulent shrub, pinyon–juniper, and annual grassland	N	Not expected to occur. No suitable vegetation present.
Chaetodipus fallax pallidus	pallid San Diego pocket mouse	None/SSC	None	None	Desert wash, desert scrub, desert succulent scrub, and pinyon–juniper woodland	N	Not expected to occur. No suitable vegetation present.
Choeronycteris mexicana	Mexican long-tongued bat	None/SSC	None	None	Desert and montane riparian, desert succulent scrub, desert scrub, and pinyon–juniper woodland; roosts in caves, mines, and buildings	N	Not expected to occur. No suitable vegetation present.
Corynorhinus townsendii	Townsend's big-eared bat	None/SSC	None	None	Mesic habitats characterized by coniferous and deciduous forests and riparian habitat, but also xeric areas; roosts in limestone caves and lava tubes, man-made structures, and tunnels	N	Not expected to occur. No suitable vegetation present.
Dasypterus xanthinus	western yellow bat	None/SSC	None	None	Valley–foothill riparian, desert riparian, desert wash, and palm oasis habitats; below 2,000 feet above mean sea level; roosts in riparian and palms	N	Not expected to occur. No suitable vegetation present.
Dipodomys simulans	Dulzura kangaroo rat	None/None	None	None	Coastal scrub, chaparral, grassland at elevation <4,500 feet above mean sea level	N	Not expected to occur. No suitable vegetation present.
Dipodomys stephensi	Stephens' kangaroo rat	FT/ST	None	Covered	Annual and perennial grassland habitats, coastal scrub or sagebrush with sparse canopy cover, or in disturbed areas	N	Not expected to occur. No suitable vegetation present.

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Enhydra lutris nereis	southern sea otter	FT/SSC, FP	None	None	Nearshore marine environments	N	Not expected to occur. No suitable vegetation present.
Eumops perotis californicus	western mastiff bat	None/SSC	None	None	Chaparral, coastal and desert scrub, coniferous and deciduous forest and woodland; roosts in crevices in rocky canyons and cliffs where the canyon or cliff is vertical or nearly vertical, trees, and tunnels	N	Not expected to occur. No suitable vegetation present.
Leptonycteris yerbabuenae	lesser long-nosed bat	FPD/SSC	None	None	Sonoran desert scrub, semi-desert grasslands, lower oak woodlands	N	Not expected to occur. No suitable vegetation present.
Lepus californicus bennettii	San Diego black-tailed jackrabbit	None/None	Covered	Covered	Arid habitats with open ground; grasslands, coastal scrub, agriculture, disturbed areas, and rangelands	N	Not expected to occur. No suitable vegetation present.
Myotis ciliolabrum	western small-footed myotis	None/None	None	None	Arid woodlands and shrublands, but near water; roosts in caves, crevices, mines, abandoned buildings	N	Not expected to occur. No suitable vegetation present.
Myotis volans	long-legged myotis	None/None	None	None	Primarily coniferous forests, but also seasonally in riparian and desert habitats; roosts in crevices in cliffs, caves, mines, buildings, exfoliating tree bark, and snags	N	Not expected to occur. No suitable vegetation present.
Myotis yumanensis	Yuma myotis	None/None	None	None	Riparian, arid scrublands and deserts, and forests associated with water (streams, rivers, tinajas); roosts in bridges, buildings, cliff crevices, caves, mines, and trees	N	Not expected to occur. No suitable vegetation present.
Neotoma lepida intermedia	San Diego desert woodrat	None/SSC	None	None	Coastal scrub, desert scrub, chaparral, cacti, rocky areas	N	Not expected to occur. No suitable vegetation present.
Nyctinomops femorosaccus	pocketed free-tailed bat	None/SSC	None	None	Pinyon–juniper woodlands, desert scrub, desert succulent shrub, desert riparian, desert wash, alkali desert scrub, Joshua tree, and palm oases; roosts in high cliffs or rock outcrops with drop-offs, caverns, and buildings	N	Not expected to occur. No suitable vegetation present.
Nyctinomops macrotis	big free-tailed bat	None/SSC	None	None	Rocky areas; roosts in caves, holes in trees, buildings, and crevices on cliffs and rocky outcrops; forages over water	N	Not expected to occur. No suitable vegetation present.
Onychomys torridus ramona	southern grasshopper mouse	None/SSC	None	None	Grassland and sparse coastal scrub	N	Not expected to occur. No suitable vegetation present.
Perognathus longimembris pacificus	Pacific pocket mouse	FE/SSC	None	None	fine-grained sandy substrates in open coastal strand, coastal dunes, and river alluvium	N	Not expected to occur. No suitable vegetation present.
Taxidea taxus	American badger	None/SSC	None	None	Dry, open, treeless areas; grasslands, coastal scrub, agriculture, and pastures, especially with friable soils	Y	XXXX potential to occur.
Lasiurus frantzii	western red bat	None/SSC	None	None	Forest, woodland, riparian, mesquite bosque, and orchards, including fig, apricot, peach, pear, almond, walnut, and orange; roosts in tree canopy	N	Not expected to occur. No suitable vegetation present.
Reptiles							
Anniella stebbinsi	southern California legless lizard	None/SSC	None	None	Coastal dunes, stabilized dunes, beaches, dry washes, valley–foothill, chaparral, and scrubs; pine, oak, and riparian woodlands; associated with sparse vegetation and moist sandy or loose, loamy soils	N	Not expected to occur. No suitable vegetation present.
Arizona elegans occidentalis	California glossy snake	None/SSC	None	None	Arid scrub, rocky washes, grasslands, chaparral, open areas with loose soil	N	Not expected to occur. No suitable vegetation present.
Aspidoscelis hyperythra	orange-throated whiptail	None/WL	Covered	Covered	Low-elevation coastal scrub, chaparral, and valley–foothill hardwood	N	Not expected to occur. No suitable vegetation present.
Aspidoscelis tigris stejnegeri	San Diegan tiger whiptail	None/SSC	None	None	Hot and dry areas with sparse foliage, including chaparral, woodland, and riparian areas.	N	Not expected to occur. No suitable vegetation present.

	Common Name	Status (Federal/ State)	San Diego MHCP San Marcos Subarea	San Diego MHCP	Habitat	Appropriate habitats?	Potential to Occur
Chelonia mydas	green sea turtle	FT/None	None	None	Shallow waters of lagoons, bays, estuaries, mangroves, eelgrass, and seaweed beds	N	Not expected to occur. No suitable vegetation present.
Coleonyx variegatus abbotti	San Diego banded gecko	None/SSC	None	None	Rocky areas within coastal scrub and chaparral	N	Not expected to occur. No suitable vegetation present.
Crotalus ruber	red diamondback rattlesnake	None/SSC	None	None	Coastal scrub, chaparral, oak and pine woodlands, rocky grasslands, cultivated areas, and desert flats	N	Not expected to occur. No suitable vegetation present.
Diadophis punctatus modestus	San Bernardino ring-necked snake	None/None	None	None	Moist habitats including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland	N	Not expected to occur. No suitable vegetation present.
Diadophis punctatus similis	San Diego ringneck snake	None/None	None	None	Moist habitats including wet meadows, rocky hillsides, gardens, farmland grassland, chaparral, mixed-conifer forest, and woodland habitats	N	Not expected to occur. No suitable vegetation present.
Emys marmorata	western pond turtle	None/SSC	Covered	Covered	Slow-moving permanent or intermittent streams, ponds, small lakes, and reservoirs with emergent basking sites; adjacent uplands used for nesting and during winter	N	Not expected to occur. No suitable vegetation present.
Phrynosoma blainvillii	Blainville's horned lizard	None/SSC	Covered	Covered	Open areas of sandy soil in valleys, foothills, and semi-arid mountains including coastal scrub, chaparral, valley–foothill hardwood, conifer, riparian, pine–cypress, juniper, and annual grassland habitats	N	Not expected to occur. No suitable vegetation present.
Plestiodon skiltonianus interparietalis	Coronado skink	None/WL, SCE	None	None	Woodlands, grasslands, pine forests, and chaparral; rocky areas near water	N	Not expected to occur. No suitable vegetation present.
Salvadora hexalepis virgultea	coast patch-nosed snake	None/SSC	None	None	Brushy or shrubby vegetation; requires small mammal burrows for refuge and overwintering sites	N	Not expected to occur. No suitable vegetation present.
Thamnophis hammondii	two-striped gartersnake	None/SSC, SCE	None	None	Streams, creeks, pools, streams with rocky beds, ponds, lakes, vernal pools	N	Not expected to occur. No suitable vegetation present.
Thamnophis sirtalis ssp. (Southern California coastal plain from Ventura County to San Diego County, and from sea level to about 850 m)	south coast garter snake	None/SSC	None	None	Marsh and upland habitats near permanent water and riparian vegetation	N	Not expected to occur. No suitable vegetation present.

Appendix C

Cultural Resources Phase I Inventory Report

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July 6, 2023 13844

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Development Services Department, Planning Division
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San Marcos, California 92069

Subject: Cultural Resources Phase I Inventory Report for the Restaurant Row Project in San Marcos, California

Dear Mr. del Solar:

This letter documents the negative cultural resources Phase I inventory conducted by Dudek for the Restaurant Row Project (Project), located in the City of San Marcos, California (Figure 1). The proposed Restaurant Row Project (project) consists of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site (Figure 1). The City of San Marcos (City) is the lead agency responsible for compliance with the California Environmental Quality Act (CEQA). In accordance with CEQA, Dudek performed a Phase I cultural resources inventory for the entire Project area. The Project area consists of an approximately 10.5-acre area covering one parcel (APNs 219-200-30, 31, and 45) (Figure 2).

CEQA refers to sequential stages of cultural resources investigation, including Inventory, Evaluation, and Mitigation. Phase I (Inventory), Phase II (Evaluation), and Phase III (Mitigation) are vernacular terms used in the cultural resources industry. For the purposes of this report, Phase I is defined as an Inventory and includes archival research for archaeological resources and Tribal Cultural Resources (TCRs), pedestrian surveys, and other inventory methods.

A records search for the proposed Project including a surrounding one-mile radius buffer was conducted by the South Coastal Information Center (SCIC) staff. The records search did not identify any cultural resources within the Project area; however, 25 cultural resources were identified within the one-mile radius. A Native American Heritage Commission (NAHC) Sacred Lands File (SLF) search was requested on May 31, 2022. The results of the SLF search were negative.

The SCIC records search and the pedestrian survey did not identify cultural resources within the Project area. However, the SCIC identified 25 cultural resources are located within one-mile of the Project area and determined that that only <25% of the Project area has not been previously studied. The presence of cultural resources located within the vicinity of Project area indicates that the surrounding area has been utilized extensively prehistorically and historically.

Based on historic aerials, the Project area was graded and developed by the mid-1970s. Undocumented fill was deposited in the Project area and varied in thickness ranging from 3 feet to 5 feet below ground surface, and Young Alluvium deposits up to 6.5 feet thick, as described in the geotechnical report (Reist et al. 2022). No prehistoric or historic age resources will be present within the fill sediment; however, due to the presence of cultural resources within the vicinity of the Project area, there is potential to encounter cultural resources within Young Alluvium sediments below the fill.

There is moderate sensitivity for identifying intact subsurface archaeological deposits during Project implementation. Dudek recommends cultural resources monitoring, consisting of a qualified archaeological monitor and Luiseno Native American monitor, during all initial ground disturbing within native soils (below the fill sediment). Monitoring can be reduced or terminated should no discoveries are made or if documentation is provided which demonstrates that ground-disturbing activities will be occurring in sediments with no potential for cultural resources.

The current buildings located within the Project area are over 45 years old and are considered built environment resources. These structures were evaluated in a separate built environment memorandum (Haley and Frank 2023).

3 Project Description and Location

The Project is located at 1020 West San Marcos Boulevard (northwest corner of West San Marcos Boulevard and Via Vera Cruz), in the City of San Marcos (APNs 219-200-30, 31, and 45). The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1). The existing Project site has been previously disturbed and is currently developed with existing, primarily vacant, commercial uses and associated parking. The project site is located in an urban area of the City surrounded on all sides by existing development, including commercial uses to the north, and commercial uses and associated paved parking to the east, west, and city streets to the south.

The proposed Project consists of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site (Figure 3, Conceptual Site Plan). Residential units would consist of eight (8) three-bedroom townhomes over commercial (town over commercial); 17 front street townhomes ranging in size from three- to four-bedrooms; 57 court townhomes ranging in size from two- to four-bedrooms; and 120 motorcourt units ranging in size from two- to three-bedrooms. The project includes a request for a Specific Plan, General Plan Amendment, Rezone, Site Development Plan for the private development, and Vesting Tentative Subdivision Map for a mixed-use residential development project on a 10.5-acre site in the City of San Marcos (Figure 1, Project Location, and Figure 2, Project Site). Additionally, the project requests a separate Site Development Plan for the development of a proposed 1.1-acre neighborhood public park. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to Specific Plan Area (SPA).

2 Regulatory Framework

2.1 The California Register of Historic Resources (Public Resources Code section 5020 et seq.)

Under CEQA, the term "historical resource" includes but is not limited to "any object, building, structure, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California" (California Public Resources Code section 5020.1(j)). In 1992, the California legislature established the California Register of Historic Resources (CRHR) "to be used by state and local agencies, private groups, and citizens to identify the state's historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from substantial adverse change" (California Public Resources Code section 5024.1(a)). A resource is eligible for listing in the CRHR if the State Historical Resources Commission determines that it is a significant resource and that it meets any of the following National Register of Historic Places (NRHP) criteria:

- Associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
- Associated with the lives of persons important in our past.
- Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
- Has yielded, or may be likely to yield, information important in prehistory or history.

(California Public Resources Code section 5024.1l.) Resources less than 50 years old are not considered for listing in the CRHR, but may be considered if it can be demonstrated that sufficient time has passed to understand the historical importance of the resource (see 14 CCR, section 4852(d)(2)).

The CRHR protects cultural resources by requiring evaluations of the significance of prehistoric and historic resources. The criteria for the CRHR are nearly identical to those for the NRHP, and properties listed or formally designated as eligible for listing on the NRHP are automatically listed on the CRHR, as are the state landmarks and points of interest. The CRHR also includes properties designated under local ordinances or identified through local historical resource surveys. The State Historic Preservation Officer maintains the CRHR.

2.2 Native American Historic Cultural Sites (California Public Resources Code section 5097 et seq.)

State law addresses the disposition of Native American burials in archaeological sites and protects such remains from disturbance, vandalism, or inadvertent destruction; establishes procedures to be implemented if Native American skeletal remains are discovered during construction of a project; and establishes the Native American Heritage Commission (NAHC) to resolve disputes regarding the disposition of such remains. In addition, the Native American Historic Resource Protection Act makes it a misdemeanor punishable by up to 1 year in jail to deface or destroy an Indian historic or cultural site that is listed or may be eligible for listing in the CRHR.

2.3 California Native American Graves Protection and Repatriation Act

The California Native American Graves Protection and Repatriation Act (California Repatriation Act), enacted in 2001, required all state agencies and museums that receive state funding and that have possession or control over collections of human remains or cultural items, as defined, to complete an inventory and summary of these remains and items on or before January 1, 2003, with certain exceptions. The California Repatriation Act also provides a process for the identification and repatriation of these items to the appropriate tribes.

2.4 California Environmental Quality Act

As described further below, the following CEQA statutes and CEQA Guidelines are of relevance to the analysis of archaeological and historic resources:

1. California Public Resources Code section 21083.2(g): Defines "unique archaeological resource."
2. California Public Resources Code section 21084.1 and CEQA Guidelines section 15064.5(a): Define historical resources. In addition, CEQA Guidelines section 15064.5(b) defines the phrase "substantial adverse change in the significance of an historical resource;" it also defines the circumstances when a project would materially impair the significance of a historical resource.
3. California Public Resources Code section 5097.98 and CEQA Guidelines section 15064.5(e): Set forth standards and steps to be employed following the accidental discovery of human remains in any location other than a dedicated ceremony.
4. California Public Resources Code sections 21083.2(b)-(c) and CEQA Guidelines section 15126.4: Provide information regarding the mitigation framework for archaeological and historic resources, including options of preservation-in-place mitigation measures; preservation-in-place is the preferred manner of mitigating impacts to significant archaeological sites because it maintains the relationship between artifacts and the archaeological context, and may also help avoid conflict with religious or cultural values of groups associated with the archaeological site(s).

Under CEQA, a project may have a significant effect on the environment if it may cause "a substantial adverse change in the significance of an historical resource" (California Public Resources Code section 21084.1; CEQA Guidelines section 15064.5(b)). If a site is either listed or eligible for listing in the CRHR, or if it is included in a local register of historic resources, or identified as significant in a historical resources survey (meeting the requirements of California Public Resources Code section 5024.1(q)), it is a "historical resource" and is presumed to be historically or culturally significant for purposes of CEQA (California Public Resources Code section 21084.1; CEQA Guidelines section 15064.5(a)). The lead agency is not precluded from determining that a resource is a historical resource even if it does not fall within this presumption (California Public Resources Code section 21084.1; CEQA Guidelines section 15064.5(a)).

A "substantial adverse change in the significance of an historical resource" reflecting a significant effect under CEQA means "physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired" (CEQA Guidelines section 15064.5(b)(1); California Public Resources Code section 5020.1(q)). In turn, the significance of a historical resource is materially impaired when a project:

1. Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register; or
2. Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or
3. Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register as determined by a lead agency for purposes of CEQA.

See Section 2.7, below for a discussion of the CEQA guidelines for determining significance and mitigating impacts to unique archaeological resources.

2.5 California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98

CEQA Guidelines Section 15064.5 assigns special importance to human remains and specifies procedures to be used when Native American remains are discovered. As described below, these procedures are detailed in California Health and Safety Code Section 7050.5 and Public Resources Code Section 5097.98.

California law protects Native American burials, skeletal remains, and associated grave goods, regardless of their antiquity, and provides for the sensitive treatment and disposition of those remains. Health and Safety Code Section 7050.5 requires that if human remains are discovered in any place other than a dedicated cemetery, no further disturbance or excavation of the site or nearby area reasonably suspected to contain human remains shall occur until the County coroner has examined the remains (California Health and Safety Code Section 7050.5[b]). If the coroner determines or has reason to believe the remains are those of a Native American, the coroner must contact the NAHC within 24 hours (California Health and Safety Code Section 7050.5[c]). In accordance with California Public Resources Code Section 5097.98(a), the NAHC will notify the Most Likely Descendant (MLD). With the permission of the landowner, the MLD may inspect the site of discovery. Within 48 hours of being granted access to the site, the MLD may recommend means of treatment or disposition, with appropriate dignity, of the human remains and associated grave goods.

2.6 Assembly Bill 52

California Assembly Bill 52, which took effect July 1, 2015, establishes a consultation process between California Native American Tribes and lead agencies in order to address tribal concerns regarding project impacts and mitigation to “tribal cultural resources” (TCR). Public Resources Code section 21074(a) defines TCRs and states that a project that has the potential to cause a substantial adverse change to a TCR is a project that may have an adverse effect on the environment. A TCR is defined as a site, feature, place, cultural landscape, sacred place, and object with cultural value to a California Native American tribe that is either:

1. listed or eligible for listing in the CRHR or a local register of historical resources, or

2. determined by a lead agency to be a TCR.

2.7 Senate Bill 18

California Senate Bill 18 (SB 18), which took effect on March 1, 2005, requires local (city and county) governments to consult with California Native American tribes identified by the Native American Heritage Commission (NAHC) for the purpose of protecting, and/or mitigating impacts to cultural places in creating or amending general plans, including specific plans (Government Code section 65352.3).

2.8 Guidelines for Determining Significance

According to CEQA (§15064.5b), a project with an effect that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment. CEQA defines a substantial adverse change:

> Substantial adverse change in the significance of an historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired.

The significance of an historical resource is materially impaired when a project:

- Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for inclusion in, the CRHR; or

- Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

- Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its eligibility for inclusion in the CRHR as determined by a lead agency for purposes of CEQA.

Section 15064.5(c) of CEQA applies to effects on archaeological sites and contains the following additional provisions regarding archaeological sites:

- When a project will impact an archaeological site, a lead agency shall first determine whether the site is an historical resource, as defined in subsection (a).

- If a lead agency determines that the archaeological site is a historical resource, it shall refer to the provisions of Section 21084.1 of the Public Resources Code, and this section, Section 15126.4 of the Guidelines, and the limits contained in Section 21083.2 of the Public Resources Code do not apply.

- If an archaeological site does not meet the criteria defined in subsection (a), but does meet the definition of a unique archaeological resource in Section 21083.2 of the Public Resources Code, the site shall be treated in accordance with the provisions of section 21083.2. The time and cost limitations described in Public Resources Code Section 21083.2 (c–f) do not apply to surveys and site evaluation activities intended to determine whether the project location contains unique archaeological resources.

- If an archaeological resource is neither a unique archaeological nor a historical resource, the effects of the project on those resources shall not be considered a significant effect on the environment. It shall be sufficient that both the resource and the effect on it are noted in the Initial Study or Environmental Impact Report (EIR), if one is prepared to address impacts on other resources, but they need not be considered further in the CEQA process.

Section 15064.5(d) aI(e) contain additional provisions regarding human remains. Regarding Native American human remains, paragraph (d) provides:

> When an initial study identifies the existence of, or the probable likelihood of, Native American human remains within the project, a lead agency shall work with the appropriate Native Americans as identified by the Native American Heritage Commission as provided in Public Resources Code Section 5097.98. The applicant may develop an agreement for treating or disposing of, with appropriate dignity, the human remains and any items associated with Native American burials with the appropriate Native Americans as identified by the Native American Heritage Commission. Action implementing such an agreement is exempt from:
>
> 1. The general prohibition on disinterring, disturbing, or removing human remains from any location other than a dedicated cemetery (Health and Safety Code Section 7050.5); and
>
> 2. The requirement of CEQA and the Coastal Act.

Under CEQA, an EIR is required to evaluate any impacts on unique archaeological resources (California Public Resources Code section 21083.2.) A "unique archaeological resource" is defined as:

> [A]n archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:
>
> 1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information.
>
> 2. Has a special and particular quality such as being the oldest of its type or the best available example of its type.
>
> 3. Is directly associated with a scientifically recognized important prehistoric or historic event or person.

(California Public Resources Code section 21083.2(g)). An impact to a non-unique archaeological resource is not considered a significant environmental impact and such non-unique resources need not be further addressed in the EIR (Public Resources Code section 21083.2(a); CEQA Guidelines section 15064.5(c)(4)).

As stated above, CEQA contains rules for mitigation of "unique archaeological resources." For example, "[i]f it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. Examples of that treatment, in no order of preference, may include, but are not limited to, any of the following:

1. Planning construction to avoid archaeological sites.

2. Deeding archaeological sites into permanent conservation easements.

3. Capping or covering archaeological sites with a layer of soil before building on the sites.

4. Planning parks, greenspace, or other open space to incorporate archaeological sites." (Pub. Resources Code section 21083.2(b)(1)-(4).)

Public Resources Code section 21083.2(d) states that "[e]xcavation as mitigation shall be restricted to those parts of the unique archaeological resource that would be damaged or destroyed by the project. Excavation as mitigation shall not be required for a unique archaeological resource if the lead agency determines that testing or studies already completed have adequately recovered the scientifically consequential information from and about the resource, if this determination is documented in the environmental impact report."

The rules for mitigating impacts to archaeological resources to qualify as "historic resources" are slightly different. According to CEQA Guidelines section 15126.4(b), "[p]ublic agencies should, whenever feasible, seek to avoid damaging effects on any historic resource of an archaeological nature. The following factors shall be considered and discussed in an EIR for a project involving such an archaeological site:

A. Preservation in place is the preferred manner of mitigating impacts to archaeological sites. Preservation in place maintains the relationship between artifacts and the archaeological context. Preservation may also avoid conflict with religious or cultural values of groups associated with the site.

B. Preservation in place may be accomplished by, but is not limited to, the following:

    1. Planning construction to avoid archaeological sites;

    2. Incorporation of sites within parks, greenspace, or other open space;

    3. Covering the archaeological sites with a layer of chemically stable soil before building tennis courts, parking lots, or similar facilities on the site[; and]

    4. Deeding the site into a permanent conservation easement.

Thus, although section 21083.2 of the Public Resources Code, in addressing "unique archaeological sites," provides for specific mitigation options "in no order of preference," CEQA Guidelines section 15126.4(b), in addressing "historical resources of an archaeological nature," provides that "[p]reservation in place is the preferred manner of mitigating impacts to archaeological sites."

Under CEQA, "[w]hen data recovery through excavation is the only feasible mitigation," the lead agency may cause to be prepared and adopt a "data recovery plan," prior to any excavation being undertaken. The data recovery plan must make "provision for adequately recovering the scientifically consequential information from and about the historical resource." (CEQA Guidelines section 15126.4(b)(3)(C).) The data recovery plan also "must be deposited with the California Historical Resources Regional Information Center." (*Ibid*.) Further, "[i]f an artifact must be removed during project excavation or testing, curation may be an appropriate mitigation." (*Ibid*.)

However, "[d]ata recovery shall not be required for an historical resource if the lead agency determines that testing or studies already completed have adequately recovered the scientifically consequential information from and about the archaeological or historical resource, provided that determination is documented in the EIR and that the studies are deposited with the California Historical Resources Regional Information Center." (CEQA Guidelines section 15126.4(b)(3)(D).)

2.9 City of San Marcos General Plan

The Conservation and Open Space Element of the City's General Plan (adopted in 2012 and updated in 2013) describes the cultural and paleontological resources, regulatory framework, and policies and plans to protect such resources (City of San Marcos 2013). The planning goals and policies are described below.

The City of San Marcos Goal COS-11, in the Goals and Policies section, consists of three policies to assist in the implementation of preserving paleontological resources. The City's goal is to "continue to identify and evaluate cultural, historical, archaeological, paleontological, and architectural resources for protection from demolition and inappropriate actions" in compliance with CEQA guidelines (City of San Marcos 2013).

3 Methods

3.1 Records Search

A California Historical Resources Information Systems (CHRIS) records search of the Project area and a one-mile radius buffer was conducted by the South Coastal Information Center (SCIC) staff on June 22, 2022. The records search results indicate that 65 previous cultural resources studies have been conducted within one-mile of the Project area. Of the 65 previous studies, four studies intersect the Project area and are listed in Table 1 below. These studies consist of two Archaeological reports, a cultural resources final monitoring report, and a draft environmental impact report (DEIR). Only a portion (approximately <25%) of the Project site has been previously studied. The studies that do not intersect the area are included in a table in Confidential Appendix A.

Table 1. Reports Intersecting Project Area

Report Number	Authors	Date	Title
SD-01031	Gallegos, Dennis	1983	Archaeological Report for Business/Industrial, Richmar, Lake San Marcos and Barham/Discovery Community Plan, San Marcos, California

SD-02043	Michael Brandman Associates, Inc.	1989	Draft Environmental Impact Report San Marco Flood Control Channel San Marcos Creek/Las Posas Reach SCH #88061505
SD-10551	Arrington, Cindy	2006	Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project, State of California
SD-14140	Robbins-Wade, Mary	2003	Archaeological Records Search and Literature Review, Vallecitos Water District Master Plan Update, San Diego County, California

The SCIC records search did not identify any cultural resources within the Project area. The records search did identify 25 cultural resources within the one-mile search radius buffer outside of the Project area (Table 2). Of the total 25 resources identified in the one-mile buffer, 13 are prehistoric resources, three are prehistoric isolates, six are historic resources, and three are multicomponent site (Table 2). No historic addresses are located within the Project area, however, two are located within the one-mile search radius. The results of the records search and all DPR forms are attached as part of Confidential Appendix A.

Table 2. Previously Recorded Cultural Resources in the One-Mile Record Search Radius

Primary Number	Trinomial	Age	Description	In/ Out of Project Area
P-37-005583	CA-SDI-005583	Prehistoric	Lithic Scatter	Out
P-37-005584	CA-SDI-005584	Prehistoric	Lithic Scatter; Bedrock Milling	Out
P-37-005633	CA-SDI-005633	Prehistoric	Habitation site; Burials; Bedrock Milling	Out
P-37-005641	CA-SDI-005641	Multicomponent	Habitation site; Burials; Bedrock Milling; Hearths; Midden; Historic Refuse Scatter	Out
P-37-005642	CA-SDI-005642	Prehistoric	Lithic Scatter	Out
P-37-005647	CA-SDI-005647	Prehistoric	Lithic Scatter; Bedrock milling	Out
P-37-011663	CA-SDI-011663	Prehistoric	Lithic Scatter	Out
P-37-011808	CA-SDI-011808	Prehistoric	Bedrock Milling	Out
P-37-011809	CA-SDI-011809	Prehistoric	Bedrock Milling	Out
P-37-012592	CA-SDI-012592	Multicomponent	Lithic Scatter; Bedrock Milling; Historic Refuse	Out
P-37-012593	CA-SDI-012593	Multicomponent	Lithic Scatter; Bedrock Milling; Historic Refuse Scatter	Out
P-37-012594	CA-SDI-012594	Historic	Historic Refuse Scatter	Out
P-37-012595	CA-SDI-012595	Prehistoric	Bedrock Milling	Out
P-37-012596	CA-SDI-012596	Historic	Historic Refuse Scatter	Out
P-37-012735	CA-SDI-012735	Prehistoric	Lithic Scatter	Out
P-37-014950	-	Prehistoric	Isolate	Out
P-37-015064	-	Prehistoric	Isolate	Out

P-37-015162	-	Prehistoric	Isolate	Out
P-37-027376	CA-SDI-017897	Prehistoric	Bedrock Milling	Out
P-37-030252	-	Historic	Single Family Resident	Out
P-37-030380	-	Historic	Foundation/structure	Out
P-37-030654	CA-SDI-019473	Prehistoric	Lithic Scatter	Out
P-37-032160	CA-SDI-020363	Prehistoric	Habitation Site	Out
P-37-033557	-	Historic	Old Pomerado Road/Hwy 395	Out
P-37-039088	CA-SDI-022954	Historic	Historic Refuse Scatter	Out

3.2 Archival Research

In addition to the SCIC records search, Dudek conducted an on-line review of historic aerial photographs of the Project area and general vicinity, to help determine the possible development and land use of the Project area in the past. Historic aerial photographs of the Project area were available for 1938, 1947, 1953, 1964, 1967, 1978, 1980-1991, 1993-2000, 2002, 2003, 2005, 2009, 2010, 2012, 2014, 2016, and 2018 (NETR 2022). The historic aerial from 1938 reveals that the Project area was undeveloped. It appears that San Marcos Boulevard Road had been paved just south of the Project area by 1938. The 1947 to 1967 aerials do not reveal any changes to the Project area. The 1978 aerial shows that the Project area has been developed with two commercial structures and parking lots. There are no changes to the Project area on the 1980 aerial. The 1981 aerial reveals that the larger commercial building located on the eastern portion of the Project area has changed in style/construction and there is an open space within the center of the structure. There are no changes to the Project area on the 1982 to 1984 aerials. The 1985 aerials shows changes to the larger commercial building located on the eastern portion of the Project area which appear to be additions/remodeling to the structure. The 1986 aerial shows grading within the northern portion of the Project area. There are no changes to the Project area on the 1987 aerial. The 1988 aerial shows the expansion of a parking lot to the northern portion of the Project area. There are no changes to the Project area on the 1989 aerial. The 1990 aerial shows a smaller commercial structure to the west of the larger square and smaller square structures that have been present within the Project area since 1978. The 1991 to 1993 aerials do not reveal major changes to the Project area. The 1994 aerial shows a strip of commercial development within the western portion of the Project area just east of one of the 1978 structures and north of the 1990 commercial structure. One of the buildings has been partially removed on the west side. There are no changes to the Project area on the 1995 to 2018 aerials. A review of the historic aerials reveal that the Project area is currently used for commercial purposes. There are two historic age structures located within the Project area. The larger commercial structure located on the eastern portion of the Project may have been remodeled in the 1980s. These structures are considered as built environment resources. These structures were evaluated in a separate built environment memorandum (Haley and Frank 2023).

Historic topographic (topo) maps of the Project area were reviewed (earliest map available is 1893). The 1983 topo map is the only topo map to show three structures within the Project area. All maps prior to 1983 show the Project area as undeveloped.

3.3 Geotechnical Report Review

Geocon Incorporated conducted a geotechnical (geotech) review of three reports for the project and conducted explorations of seven hollow-stem auger borings to evaluate the soil conditions in December 2022. Based on

Geocon's review and geotech investigation, it was determined that undocumented fill was encountered and varied in thickness ranging from 3 to 5 feet, and Young Alluvium deposits up to 6.5 feet thick feet below ground surface are present within the Project area. Groundwater is present at depths ranging from 8 feet to 24 feet below ground surface (Reist et al. 2022).

3.4 NAHC and Tribal Correspondence

Dudek requested a NAHC search of the SLF on May 31, 2022, for the Project area. The SLF consists of a database of known Native American resources. These resources may not be included in the SCIC database. The SLF results were received on June 30, 2022. The results were negative. The NAHC also provided a contact list of Native American representatives for tribes that are traditionally affiliated with the Project area. Outreach letters with a map and a description of the Project were sent to these individuals and organizations on July 1, 2022. Two responses have been received to date (Appendix B). Additional responses to the letters will be forwarded to the City and included in subsequent drafts of this report.

San Luis Rey Band of Mission Indians responded by email to the outreach letter on July 14, 2022. San Luis Rey stated that they have intimate knowledge about discoveries made throughout the Project area and within proximity to the area. They requested that a Luiseno Native American monitor be present during all ground disturbing activities, including all boring activities. They also requested a copy of all cultural resource surveys completed for the Project (Appendix B).

Rincon Band of Luiseno Indians responded by email to the outreach letter on July 14, 2022. The Tribe requested to consult directly with the lead agency for this Project (Appendix B).

In compliance with Assembly Bill 52 and Senate Bill 18, the City, as lead agency, is responsible for conducting government to government consultation with pertinent tribal entities.

3.5 Intensive Pedestrian Survey

Dudek archaeologist Makayla Murillo conducted an intensive level pedestrian survey of the Project area on July 5, 2022. Saving Sacred Sites Native American monitor Jessica Alexander participated in the pedestrian survey. All survey work was conducted employing standard archaeological procedures and techniques consistent with the Secretary of the Interior Standards. Fifteen-meter interval survey transects were conducted where possible for the Project area. However, the majority of the Project area is developed with buildings and paved surfaces. Where transects were not feasible (such as areas where the ground surface was obscured by development and landscaping) transects were not utilized. Instead, a mixed approach (opportunistic survey) was utilized, selectively examining terraces and exposed sediments where possible. The ground surface was examined for prehistoric artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools, ceramics, fire-affected rock), soil discoloration that might indicate the presence of a cultural midden, soil depressions, features indicative of the current or former presence of structures or buildings (e.g., standing exterior walls, post holes, foundations), and historic artifacts (e.g., metal, glass, ceramics, building materials). Ground disturbances such as burrows, cut banks, and drainages were also visually inspected for exposed subsurface materials.

The entire Project area is developed with three existing commercial buildings and a parking lot. Vegetation observed within the Project area include landscaped flower beds with palm trees, and bushes. Ground visibility was very poor

(0-25%) overall as the ground surface was obscured by commercial buildings and parking lots. The only exposed ground in the Project area is limited to the landscaped flower beds. The exposed ground surface shows evidence of being graded and disturbed by previous development for the existing commercial buildings and parking lot. The pedestrian survey did not identify any cultural resources within the Project area. The commercial buildings located in the center and western sections of the Project area appear to be the same structures shown on the 1978 historic aerial photograph. The buildings are considered built environment resources and were evaluated in a separate built environment memorandum (Haley and Frank 2023).

4 Summary and Management Considerations

4.1 Archaeological Recommendations

Dudek's Phase I cultural resources inventory of the Project indicates that there is moderate sensitivity for identifying intact subsurface archaeological deposits during Project implementation. The SCIC records search and the pedestrian survey did not identify any cultural resources within the Project area. However, the SCIC identified 25 cultural resources are located within one-mile of the Project area and determined that that entire Project area has not been previously studied. The presence of cultural resources located within the vicinity of Project area indicates that the surrounding area has been utilized extensively prehistorically and historically.

Based on historic aerials, the Project area was undeveloped until the mid-1970s. Undocumented fill was likely deposited in the Project area in the mid-1970s, ranging from 3 feet to 5 feet below ground surface. No prehistoric or historic age resources will be present within the fill sediment; however, due to the presence of cultural resources within the vicinity of the Project area, there is potential to encounter cultural resources within Young Alluvium sediments below the fill. Dudek recommends cultural resources monitoring, consisting of a qualified archaeological monitor and Luiseno Native American monitor, during all initial ground disturbing activities within the Young Alluvium (below the fill sediment) (Figure 3). Monitoring can be reduced or terminated should no discoveries are made or if documentation is provided which demonstrates that ground-disturbing activities will be occurring in sediments with no potential for cultural resources. Monitoring is not recommended for ground disturbing activities in the fill as there is no potential for intact cultural resources within that stratum.

The current buildings located within the Project area are over 45 years old and are considered built environment resources. These structures were evaluated in a separate built environment memorandum (Haley and Frank 2023).

Should you have any questions relating to this report and its findings, please do not hesitate to contact me at 760.479.4855 or apham@dudek.com.

Respectfully Submitted,

Angela Pham, M.A., RPA
Archaeologist

Att.: *Figure 1, Project Location*
Figure 2, Project Area Map
Figure 3. Overview of western portion of Project area facing north
Figure 4. Overview of the central portion of Project area, view facing Northeast.
Confidential Appendix A, SCIC Records Search Results
Appendix B, Tribal Correspondence
cc: *Vanessa Scheidel, Micah Hale, Dudek*

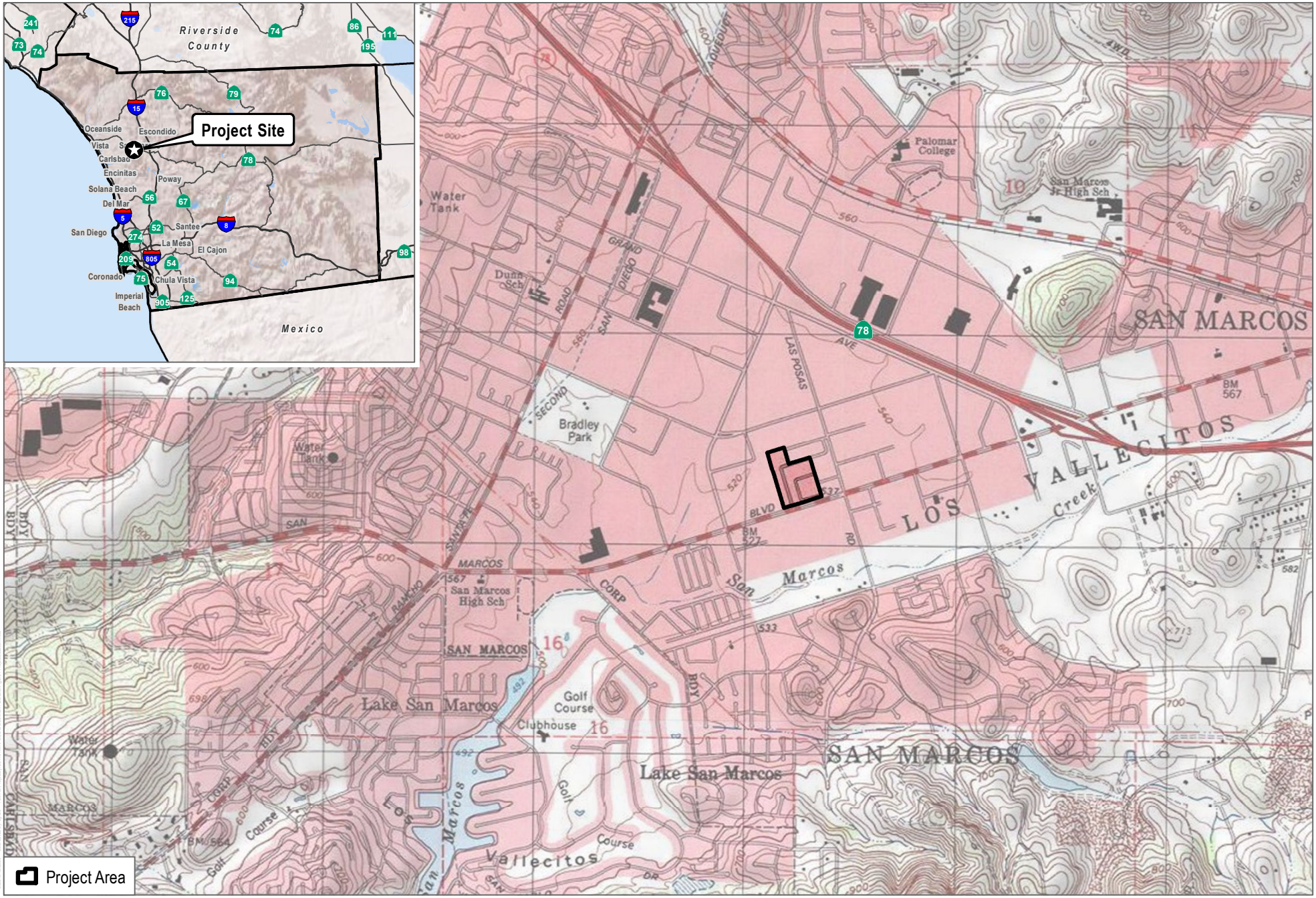
5 References

City of San Marcos General Plan. 2013. Accessed May 12, 2022. https://www.san-marcos.net/work/economica-development/general -plan.

Haley, K. and N. Frank. 2023. *Memorandum for the Restaurant Row Project – Built Environment CEQA Historic Resources.* Submitted to the City.

NETR (National Environmental Title Research). 2022. Restaurant Row, San Marcos, California. Accessed July 1, 2022. http://www.historicaerials.com/.

Reist, T., T. Myers, and D. Evans. 2022. *Update Geotechnical Investigation San Marcos Restaurant Row, San Marcos, California*. Submitted to City of San Marcos. Submitted to the City.



SOURCE: USGS 7.5-Minute Series Rancho Santa Fe, San Marcos Quadrangles; SANGIS 2022

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

San Marcos Restaurant Row

SOURCE: SANGIS 2020, 2022

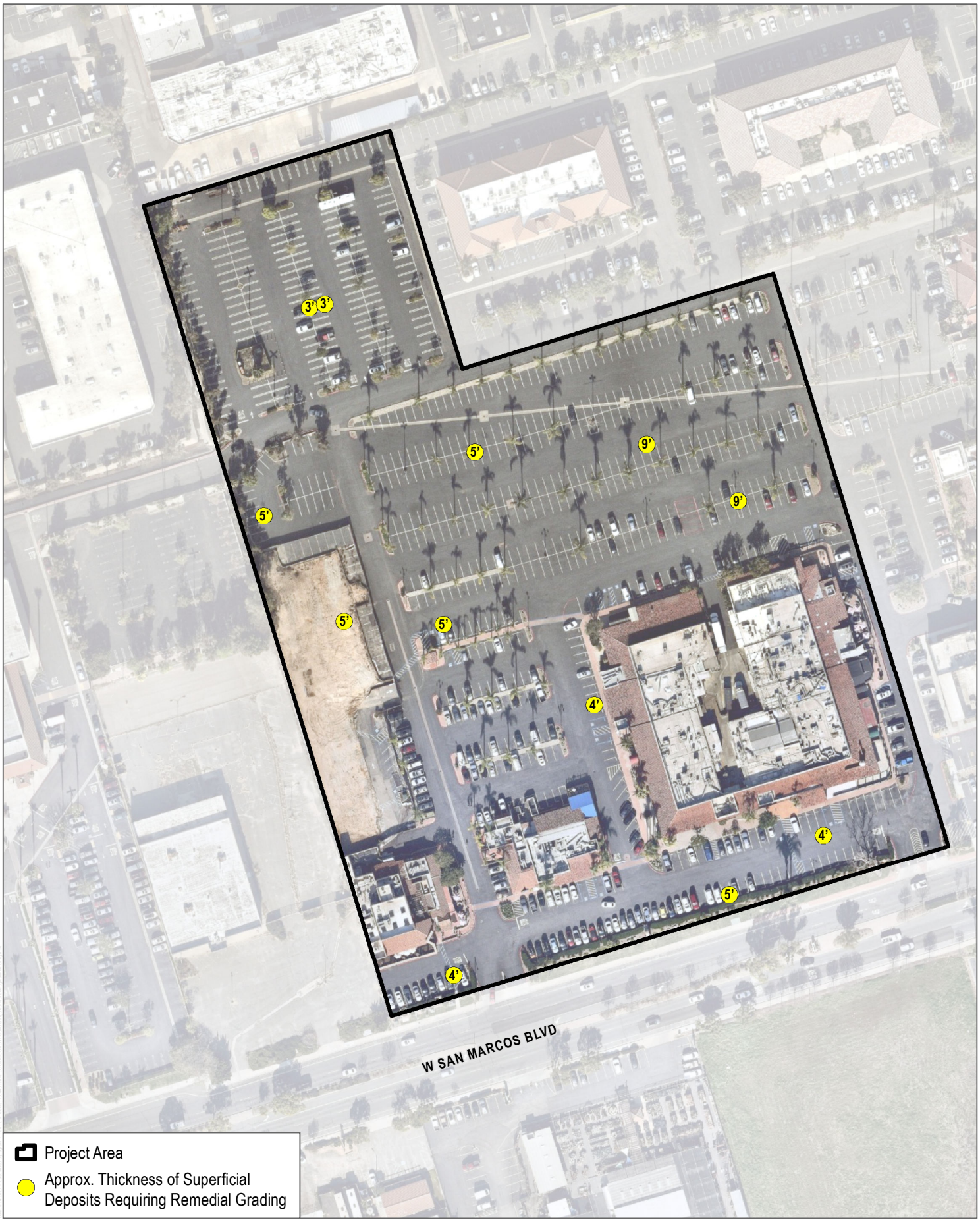
DUDEK

0 100 200 Feet

FIGURE 2

Study Area

San Marcos Restaurant Row



SOURCE: GEOCON Inc., 2023; SANGIS 2020, 2022

DUDEK

0 100 200 Feet

FIGURE 3

Archaeological Monitoring

San Marcos Restaurant Row

Figure 3. Overview of western portion of Project area facing north.

Figure 4. Overview of the central portion of Project area, view facing Northeast.

Confidential Appendix A

SCIC Records Search Results

Appendix B

NAHC Correspondence and Tribal Outreach

APPENDIX B

NAHC Consultation and Tribal Outreach

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION
1550 Harbor Blvd, Suite 100
West Sacramento, CA 95501
(916) 373-3710
(916) 373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

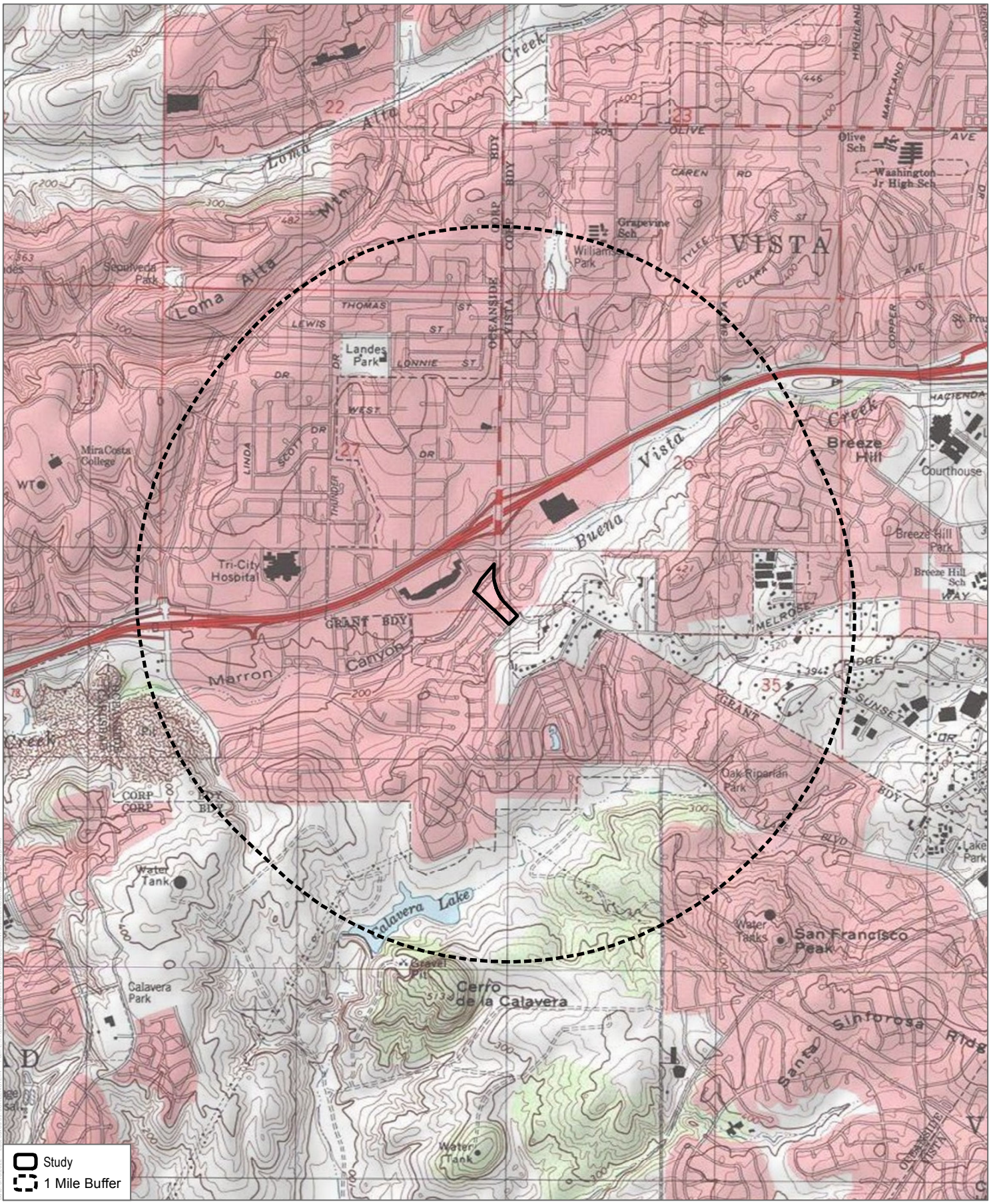
Project: Sunset Drive Townhomes Project (14346)
County: San Diego

USGS Quadrangle
Name: San Luis Rey
Township: 11S Range: 4W Section(s): 22, 23, 25, 26, 27, 28, 33, 34, 35, 36

Company/Firm/Agency:
Dudek
Contact Person: Keshia Montifolca
Street Address: 605 Third Street
City: Encinitas, CA Zip: 92024
Phone: (619) 949-3082 Extension:
Fax:
Email: kmontifolca@dudek.com

Project Description:
The proposed project would construct approximately 38 townhome units on a 4.27 acre property. The project site is located on South Emerald Drive, just north of Sky Haven Lane, in the City of Vista, San Diego County, California.

☑ Project Location Map is attached



SOURCE: USGS 7.5-Minute Series San Luis Rey Quadrangle
Township 11S; Range 4W; Sections 22, 23, 25, 26, 27, 28, 33, 34, 35, 36

DUDEK

0 1,000 2,000 Feet
0 285 570 Meters
1:24,000

Records Search

Sunset Drive Townhomes

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

PARLIAMENTARIAN
Russell Attebery
Karuk

SECRETARY
Sara Dutschke
Miwok

COMMISSIONER
William Mungary
Paiute/White Mountain Apache

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

June 30, 2022

Makayla Murillo
Dudek

Via Email to: mmurillo@dudek.com & apham@dudek.com

Re: San Marcos Restaurant Row (13844) Project, San Diego County

Dear Ms. Murillo:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

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

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
San Diego County
6/30/2022

Barona Group of the Capitan Grande
Raymond Welch, Chairperson
1095 Barona Road Diegueno
Lakeside, CA, 92040
Phone: (619) 443 - 6612
Fax: (619) 443-0681
counciloffice@barona-nsn.gov

Campo Band of Diegueno Mission Indians
Ralph Goff, Chairperson
36190 Church Road, Suite 1 Diegueno
Campo, CA, 91906
Phone: (619) 478 - 9046
Fax: (619) 478-5818
rgoff@campo-nsn.gov

Ewiiaapaayp Band of Kumeyaay Indians
Robert Pinto, Chairperson
4054 Willows Road Diegueno
Alpine, CA, 91901
Phone: (619) 368 - 4382
Fax: (619) 445-9126
ceo@ebki-nsn.gov

Ewiiaapaayp Band of Kumeyaay Indians
Michael Garcia, Vice Chairperson
4054 Willows Road Diegueno
Alpine, CA, 91901
Phone: (619) 933 - 2200
Fax: (619) 445-9126
michaelg@leaningrock.net

Iipay Nation of Santa Ysabel
Virgil Perez, Chairperson
P.O. Box 130 Diegueno
Santa Ysabel, CA, 92070
Phone: (760) 765 - 0845
Fax: (760) 765-0320

Iipay Nation of Santa Ysabel
Clint Linton, Director of Cultural Resources
P.O. Box 507 Diegueno
Santa Ysabel, CA, 92070
Phone: (760) 803 - 5694
clint@redtailenvironmental.com

Inaja-Cosmit Band of Indians
Rebecca Osuna, Chairperson
2005 S. Escondido Blvd. Diegueno
Escondido, CA, 92025
Phone: (760) 737 - 7628
Fax: (760) 747-8568

Jamul Indian Village
Lisa Cumper, Tribal Historic Preservation Officer
P.O. Box 612 Diegueno
Jamul, CA, 91935
Phone: (619) 669 - 4855
lcumper@jiv-nsn.gov

Jamul Indian Village
Erica Pinto, Chairperson
P.O. Box 612 Diegueno
Jamul, CA, 91935
Phone: (619) 669 - 4785
Fax: (619) 669-4817
epinto@jiv-nsn.gov

Kwaaymii Laguna Band of Mission Indians
Carmen Lucas,
P.O. Box 775 Kwaaymii
Pine Valley, CA, 91962 Diegueno
Phone: (619) 709 - 4207

La Jolla Band of Luiseno Indians
Norma Contreras, Chairperson
22000 Highway 76 Luiseno
Pauma Valley, CA, 92061
Phone: (760) 742 - 3771

La Posta Band of Diegueno Mission Indians
Gwendolyn Parada, Chairperson
8 Crestwood Road Diegueno
Boulevard, CA, 91905
Phone: (619) 478 - 2113
Fax: (619) 478-2125
LP13boots@aol.com

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed San Marcos Restaurant Row (13844) Project, San Diego County.

La Posta Band of Diegueno Mission Indians
Javaughn Miller, Tribal Administrator
8 Crestwood Road — Diegueno
Boulevard, CA, 91905
Phone: (619) 478 - 2113
Fax: (619) 478-2125
jmiller@LPtribe.net

Manzanita Band of Kumeyaay Nation
Angela Elliott Santos, Chairperson
P.O. Box 1302 — Diegueno
Boulevard, CA, 91905
Phone: (619) 766 - 4930
Fax: (619) 766-4957

Mesa Grande Band of Diegueno Mission Indians
Michael Linton, Chairperson
P.O Box 270 — Diegueno
Santa Ysabel, CA, 92070
Phone: (760) 782 - 3818
Fax: (760) 782-9092
mesagrandeband@msn.com

Pala Band of Mission Indians
Shasta Gaughen, Tribal Historic Preservation Officer
PMB 50, 35008 Pala Temecula Rd. — Cupeno, Luiseno
Pala, CA, 92059
Phone: (760) 891 - 3515
Fax: (760) 742-3189
sgaughen@palatribe.com

Pauma Band of Luiseno Indians
Temet Aguilar, Chairperson
P.O. Box 369 — Luiseno
Pauma Valley, CA, 92061
Phone: (760) 742 - 1289
Fax: (760) 742-3422
bennaecalac@aol.com

Pechanga Band of Indians
Mark Macarro, Chairperson
P.O. Box 1477 — Luiseno
Temecula, CA, 92593
Phone: (951) 770 - 6000
Fax: (951) 695-1778
epreston@pechanga-nsn.gov

Pechanga Band of Indians
Paul Macarro, Cultural Resources Coordinator
P.O. Box 1477 — Luiseno
Temecula, CA, 92593
Phone: (951) 770 - 6306
Fax: (951) 506-9491
pmacarro@pechanga-nsn.gov

Rincon Band of Luiseno Indians
Cheryl Madrigal, Tribal Historic Preservation Officer
One Government Center Lane — Luiseno
Valley Center, CA, 92082
Phone: (760) 297 - 2635
crd@rincon-nsn.gov

Rincon Band of Luiseno Indians
Bo Mazzetti, Chairperson
One Government Center Lane — Luiseno
Valley Center, CA, 92082
Phone: (760) 749 - 1051
Fax: (760) 749-5144
bomazzetti@aol.com

San Luis Rey Band of Mission Indians
San Luis Rey, Tribal Council
1889 Sunset Drive — Luiseno
Vista, CA, 92081
Phone: (760) 724 - 8505
Fax: (760) 724-2172
cjmojado@slrmissionindians.org

San Luis Rey Band of Mission Indians
1889 Sunset Drive — Luiseno
Vista, CA, 92081
Phone: (760) 724 - 8505
Fax: (760) 724-2172
cjmojado@slrmissionindians.org

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Native American Heritage Commission
Native American Contact List
San Diego County
6/30/2022

San Pasqual Band of Diegueno Mission Indians
John Flores, Environmental Coordinator
P. O. Box 365 — Diegueno
Valley Center, CA, 92082
Phone: (760) 749 - 3200
Fax: (760) 749-3876
johnf@sanpasqualtribe.org

San Pasqual Band of Diegueno Mission Indians
Allen Lawson, Chairperson
P.O. Box 365 — Diegueno
Valley Center, CA, 92082
Phone: (760) 749 - 3200
Fax: (760) 749-3876
allenl@sanpasqualtribe.org

Soboba Band of Luiseno Indians
Isaiah Vivanco, Chairperson
P. O. Box 487 — Cahuilla
San Jacinto, CA, 92581 — Luiseno
Phone: (951) 654 - 5544
Fax: (951) 654-4198
ivivanco@soboba-nsn.gov

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487 — Cahuilla
San Jacinto, CA, 92581 — Luiseno
Phone: (951) 663 - 5279
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov

Sycuan Band of the Kumeyaay Nation
Kristie Orosco, Kumeyaay Resource Specialist
1 Kwaaypaay Court — Kumeyaay
El Cajon, CA, 92019
Phone: (619) 445 - 6917

Sycuan Band of the Kumeyaay Nation
Cody Martinez, Chairperson
1 Kwaaypaay Court — Kumeyaay
El Cajon, CA, 92019
Phone: (619) 445 - 2613
Fax: (619) 445-1927
ssilva@sycuan-nsn.gov

Viejas Band of Kumeyaay Indians
John Christman, Chairperson
1 Viejas Grade Road — Diegueno
Alpine, CA, 91901
Phone: (619) 445 - 3810
Fax: (619) 445-5337

Viejas Band of Kumeyaay Indians
Ernest Pingleton, Tribal Historic Officer, Resource Management
1 Viejas Grade Road — Diegueno
Alpine, CA, 91901
Phone: (619) 659 - 2314
epingleton@viejas-nsn.gov

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DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Temet Aguilar, Chairperson
Pauma & Yuima Reservation
P.O. Box 369
Pauma Valley, CA 92061

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Aguilar,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

As part of the cultural resources study prepared for the proposed project, Dudek contacted the California Native American Heritage Commission (NAHC) to request a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations who may have knowledge of cultural resources in or near the proposed project area. The NAHC emailed a response on June 30, 2022, which stated that the SLF search did not identify the presence of Native American cultural resources in the immediate project area.

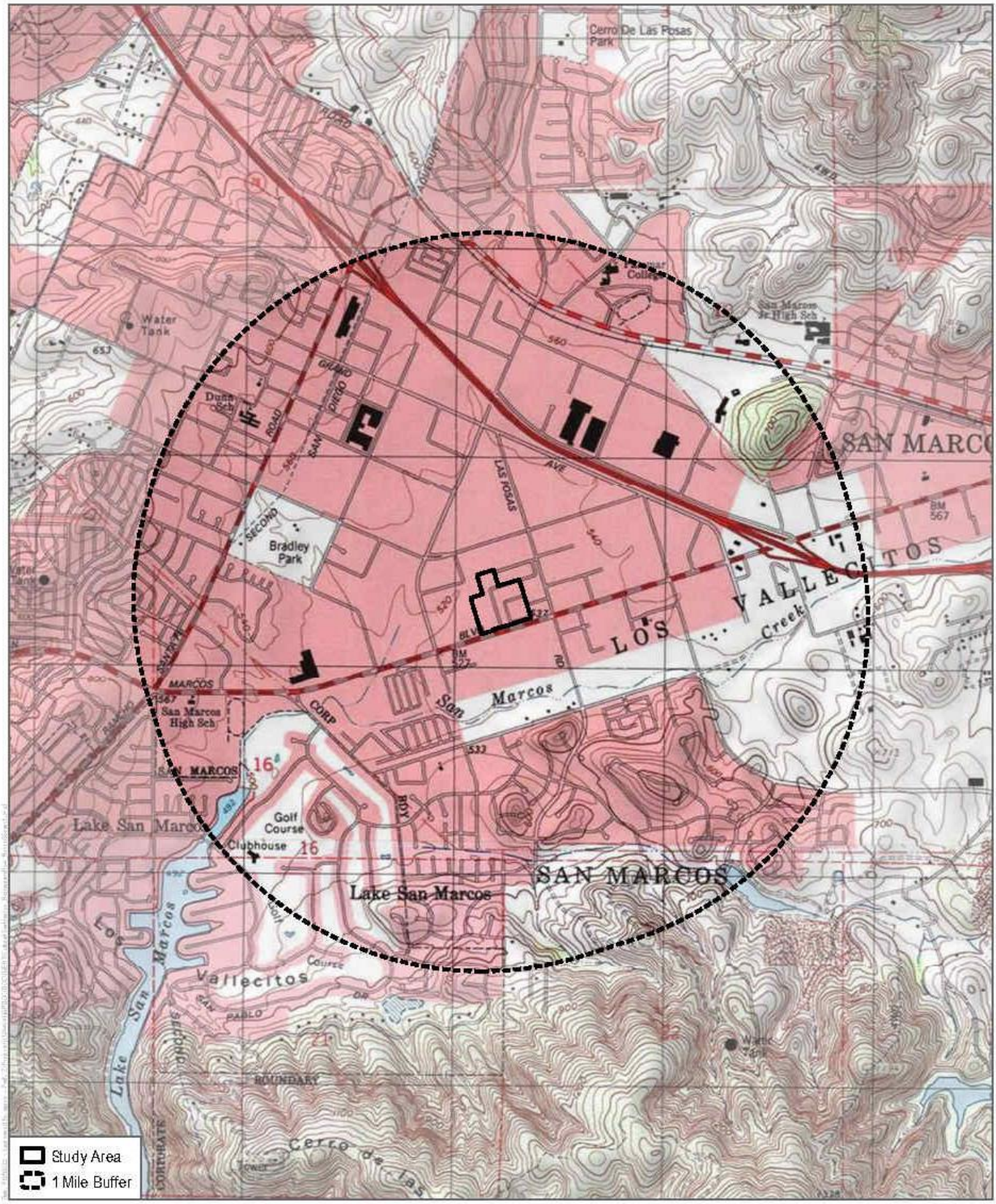
The NAHC recommended that we contact you regarding your knowledge of the presence of cultural resources that may be impacted by this project. If you have any knowledge of cultural resources that may exist within or near the proposed project area, please contact me directly at (760) 479-4855 or at apham@dudek.com within 30 days of receipt of this letter.

Please note that this letter does not constitute Assembly Bill (AB) 52 notification or initiation of consultation. AB 52 is a process between the lead agency and California Native American Tribes concerning potential impacts to tribal cultural resources. Tribes that wish to be notified of projects for the purposes of AB 52 must contact the lead agency, City of San Marcos, in writing (pursuant to Public Resources Code Section 21080.3.1 (b)).

Respectfully,

Angela Pham, M.A., RPA
Archaeologist
DUDEK
Phone: (760) 479-4831
Email:

Attachments: *Figure 1. Records search area Map.*



SOURCE: USGS 7.5-Minutes Series San Marcos, Rancho Santa Fe Quadrangles
Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. John Christman, Chairperson
Viejas Band of Kumeyaay Indians
1 Viejas Grade Rd.
Alpine, CA 91901

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Christman,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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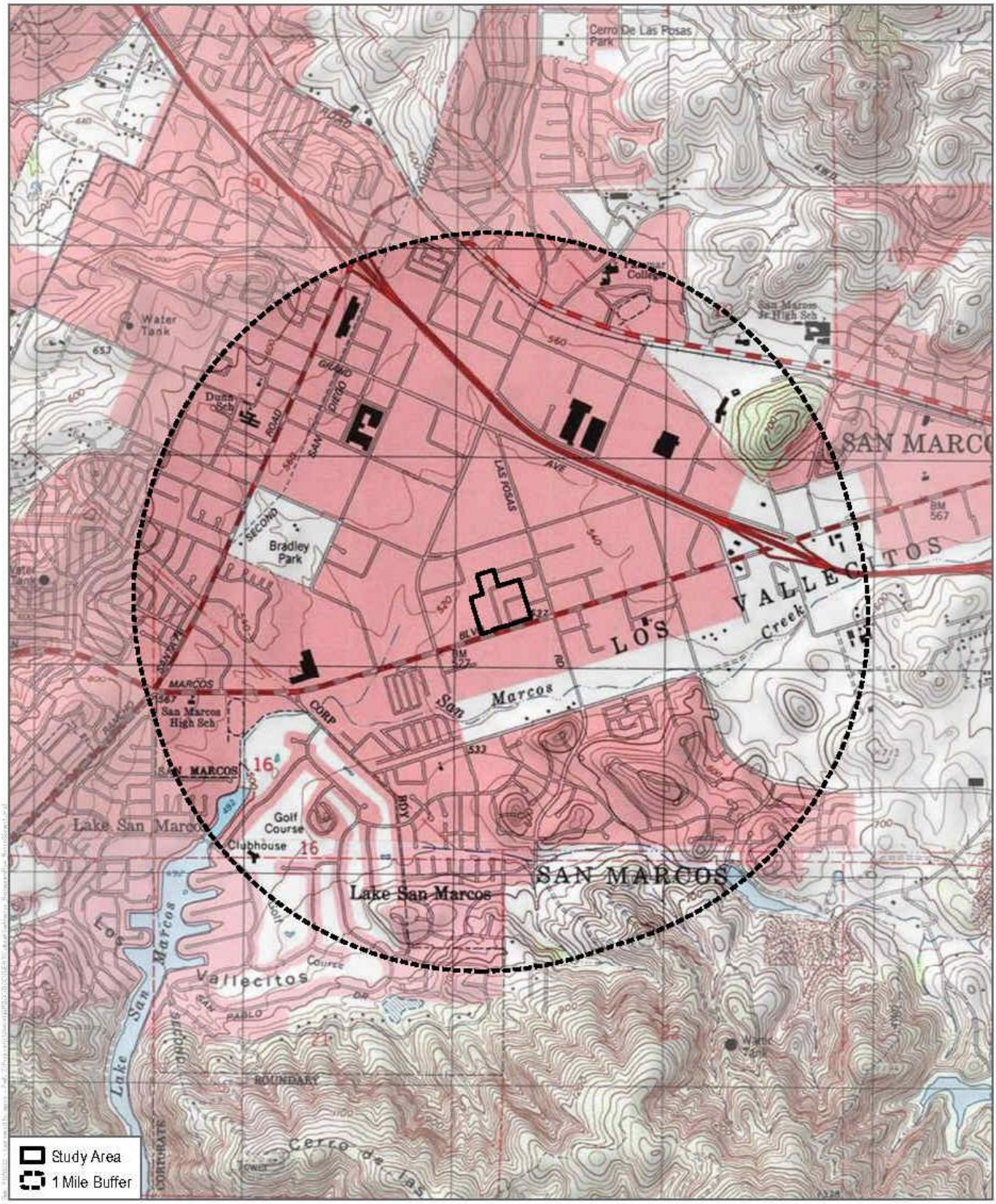

SOURCE: USGS 7.5-Minutes Series San Marcos, Rancho Santa Fe Quadrangles
Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Ms. Norma Contreras, Chairperson
La Jolla Band of Mission Indians
22000 Highway 76
Pauma Valley, CA 92061

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Contreras,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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Angela Pham, M.A., RPA
Archaeologist
DUDEK
Phone: (760) 479-4831
Email:

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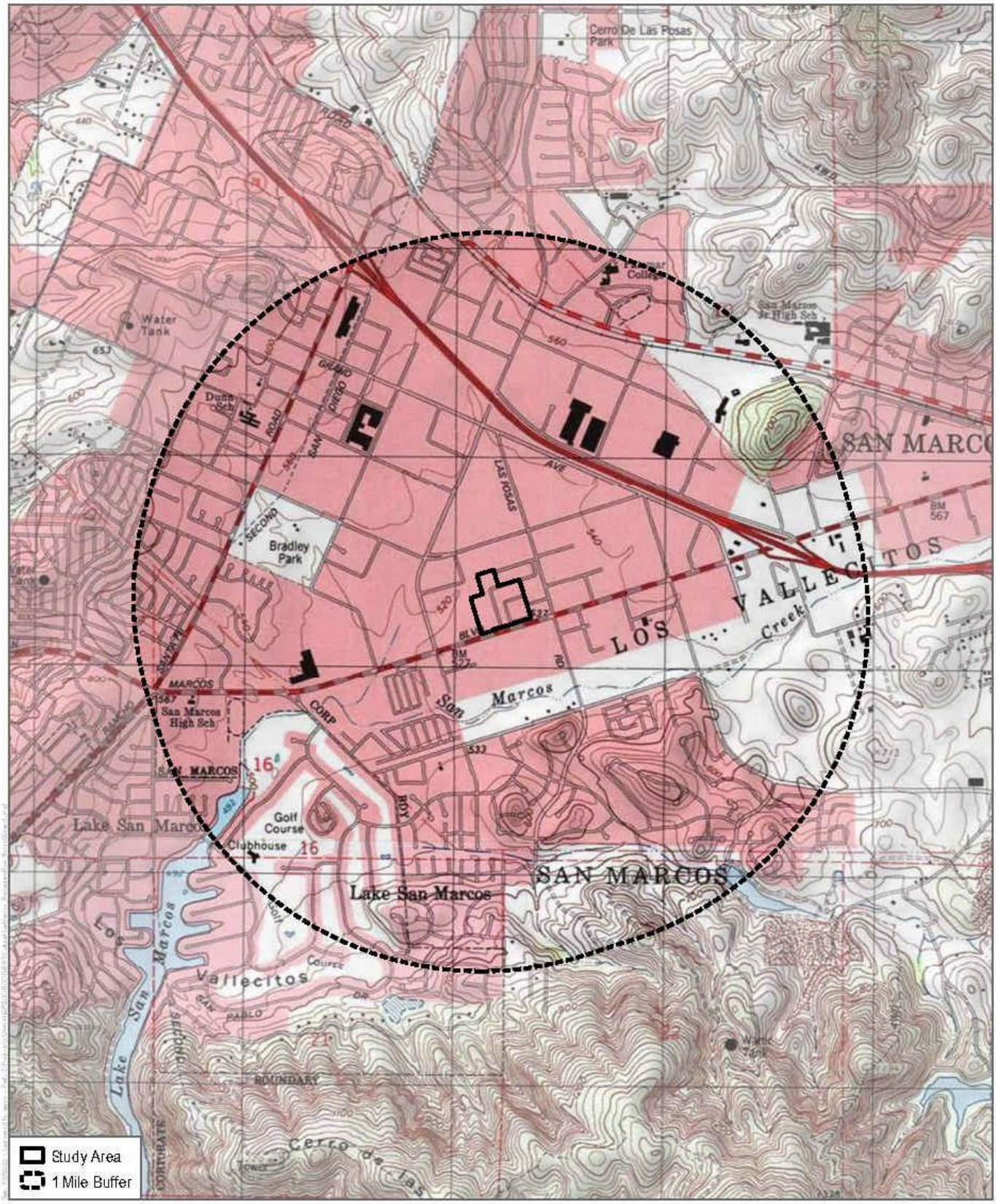

SOURCE: USGS 7.5-Minutes Series San Marcos, Rancho Santa Fe Quadrangles
Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Ms. Lisa Cumper, THPO
Jamul Indian Village
P.O. Box 612
Jamul, CA 91935

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Cumper,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

As part of the cultural resources study prepared for the proposed project, Dudek contacted the California Native American Heritage Commission (NAHC) to request a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations who may have knowledge of cultural resources in or near the proposed project area. The NAHC emailed a response on June 30, 2022, which stated that the SLF search did not identify the presence of Native American cultural resources in the immediate project area.

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Angela Pham, M.A., RPA
Archaeologist
DUDEK
Phone: (760) 479-4831
Email:

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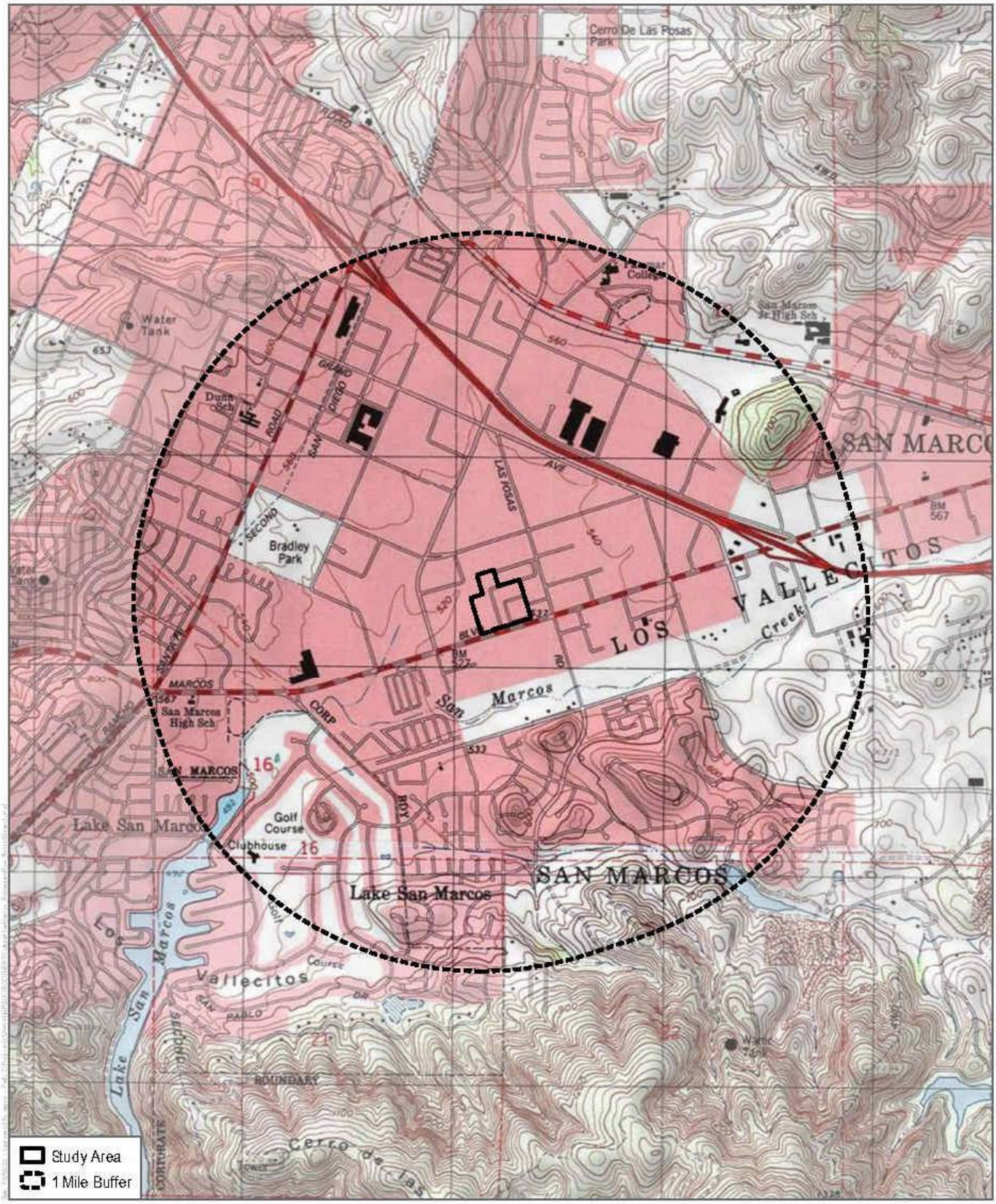

SOURCE: USGS 7.5-Minutes Series San Marcos, Rancho Santa Fe Quadrangles
Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. John Flores, Environmental Coordinator
San Pasqual Band of Diegueno Mission Indians
P.O. Box 365
Valley Center, CA 92082

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Flores,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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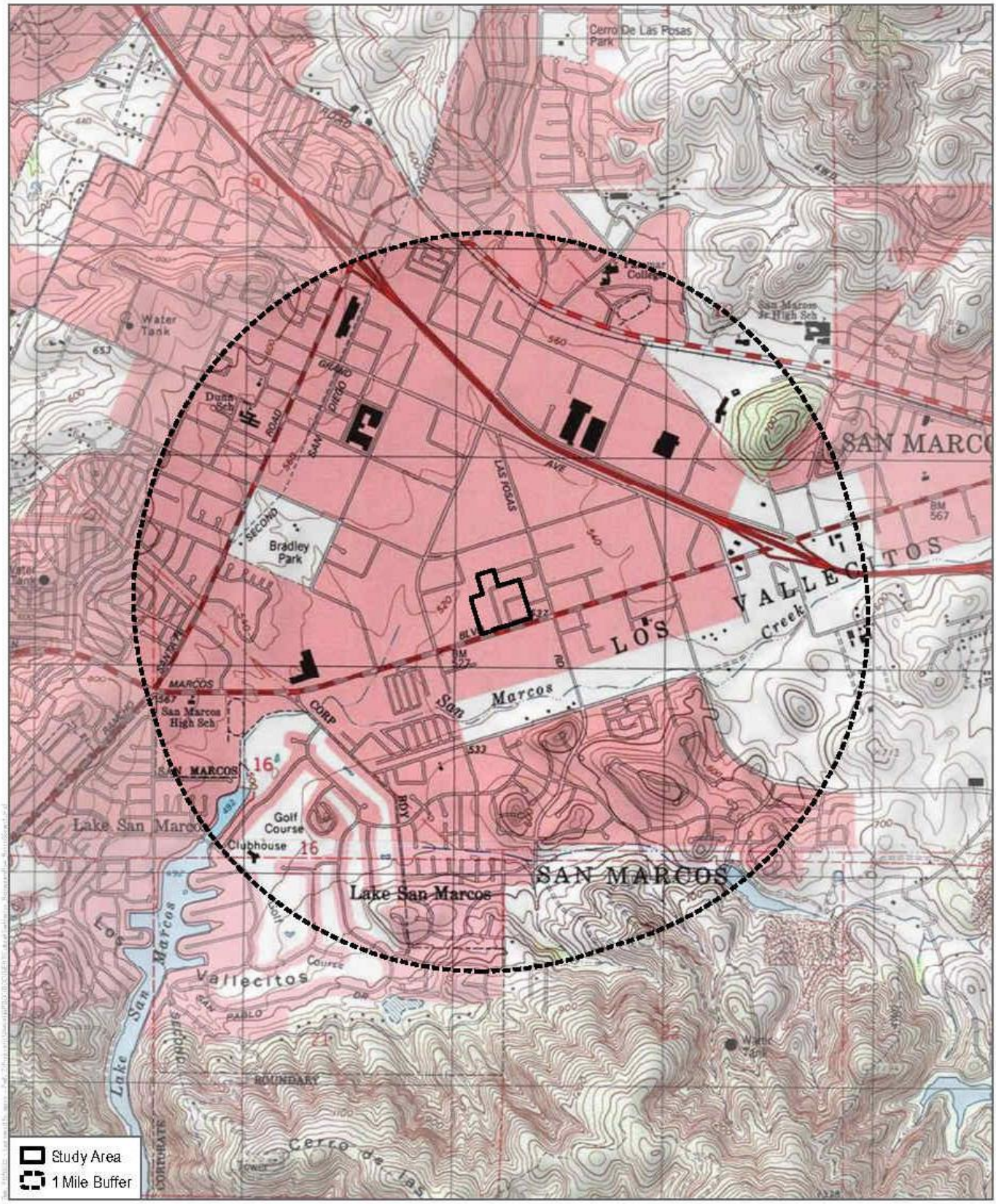
Respectfully,

Angela Pham, M.A., RPA
Archaeologist
DUDEK
Phone: (760) 479-4831
Email:

Attachments: *Figure 1. Records search area Map.*



SOURCE: USGS 7.5-Minutes Series San Marcos, Rancho Santa Fe Quadrangles
Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Michael Garcia, Vice Chairperson
Ewiiaapaayp Tribe
4054 Willows Road
Alpine, CA 91901

Subject: Information Request for the Restaurant Row Project in San Marcos, California

Dear Mr. Garcia,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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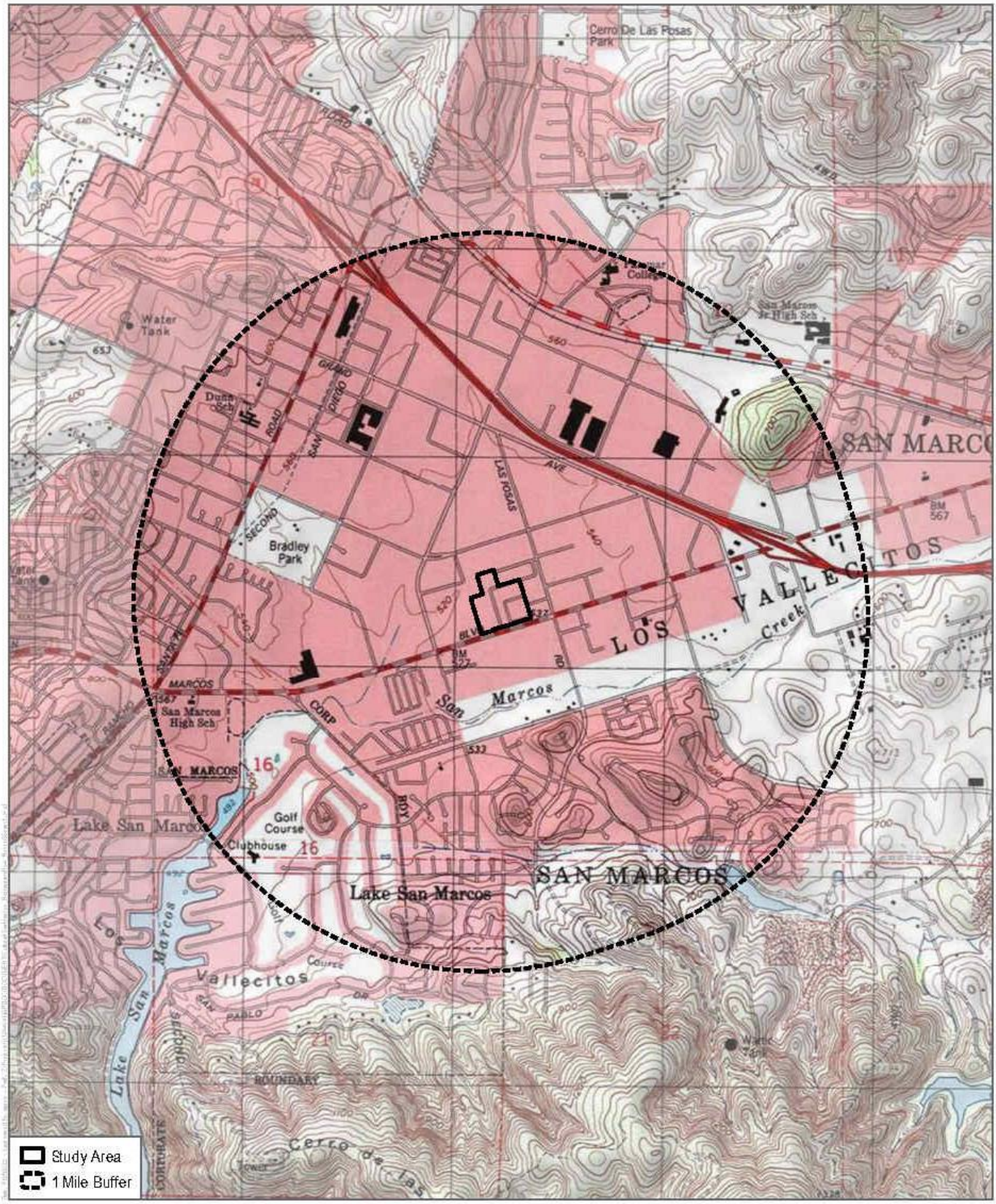

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Ms. Shasta Gaughen, Tribal Historic Preservation Officer
Pala Band of Mission Indians
35008 Pala Temecula Rd.
Pala, CA 92059

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Gaughen,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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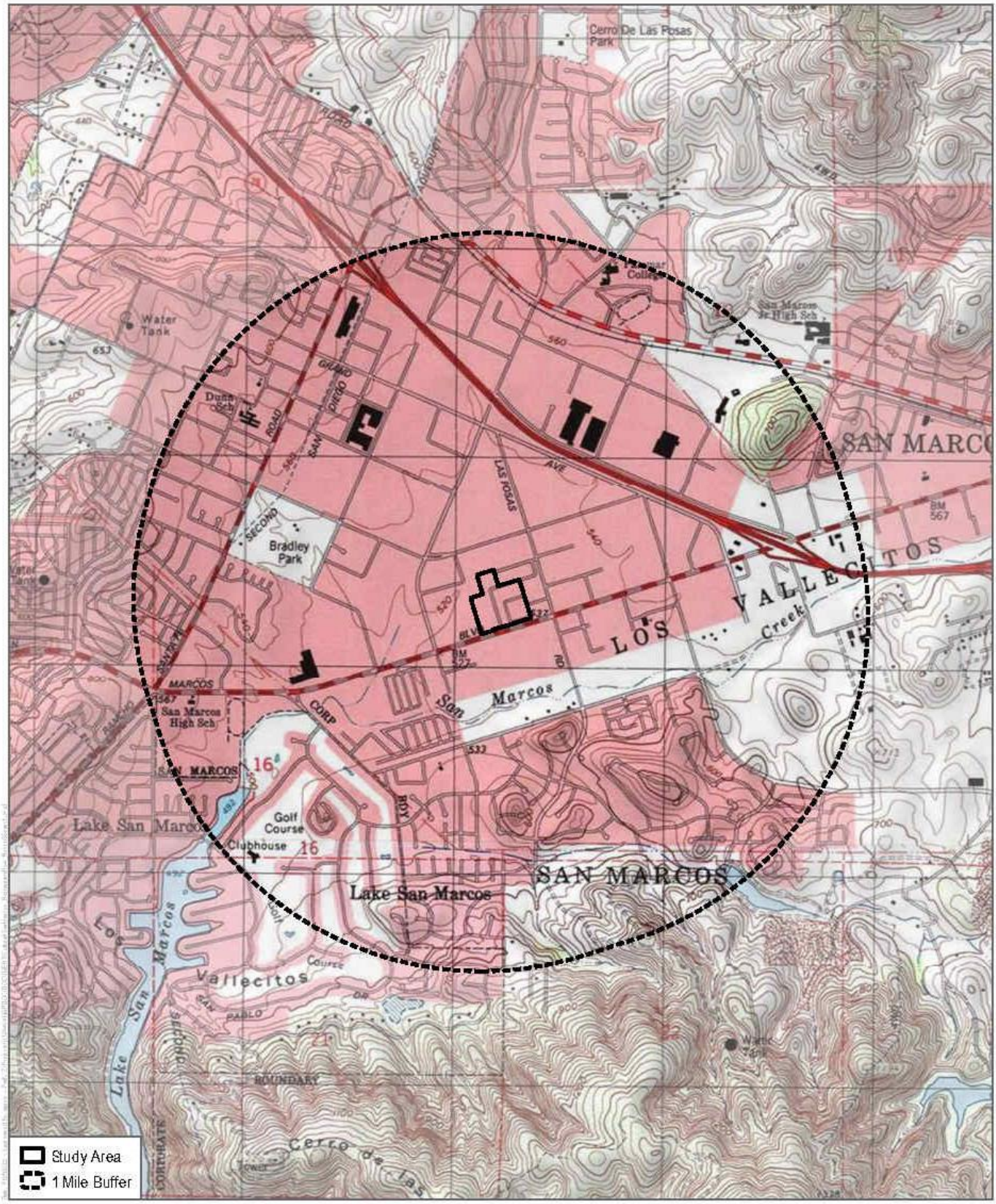

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MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Ralph Goff, Chairperson
Campo Band of Diegueno Mission Indians
36190 Church Road, Suite 1
Campo, CA 91906

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Goff,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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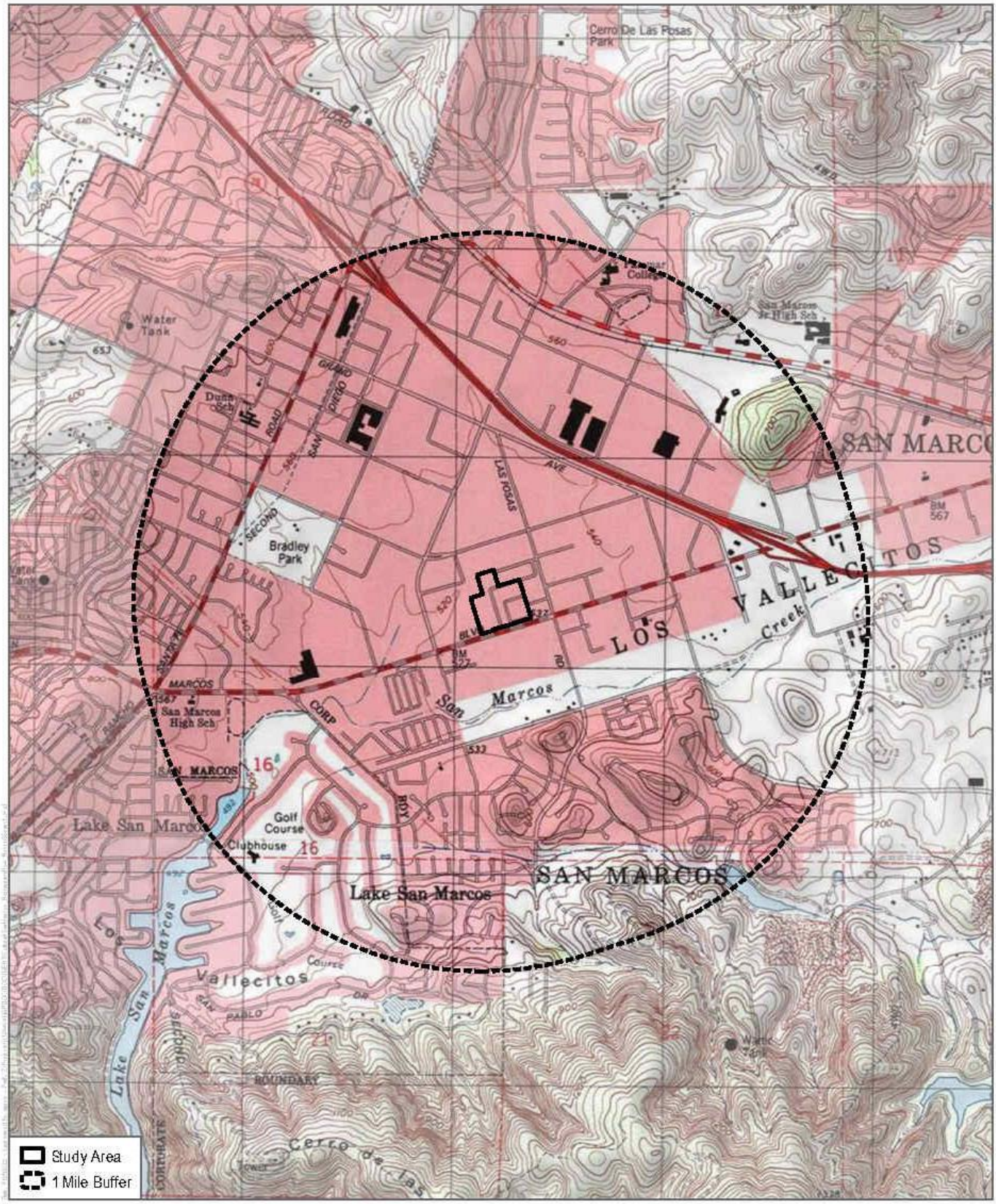

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Allen E. Lawson, Chairperson
San Pasqual Band of Diegueno Mission Indians
P.O. Box 365
Valley Center, CA 92082

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Lawson,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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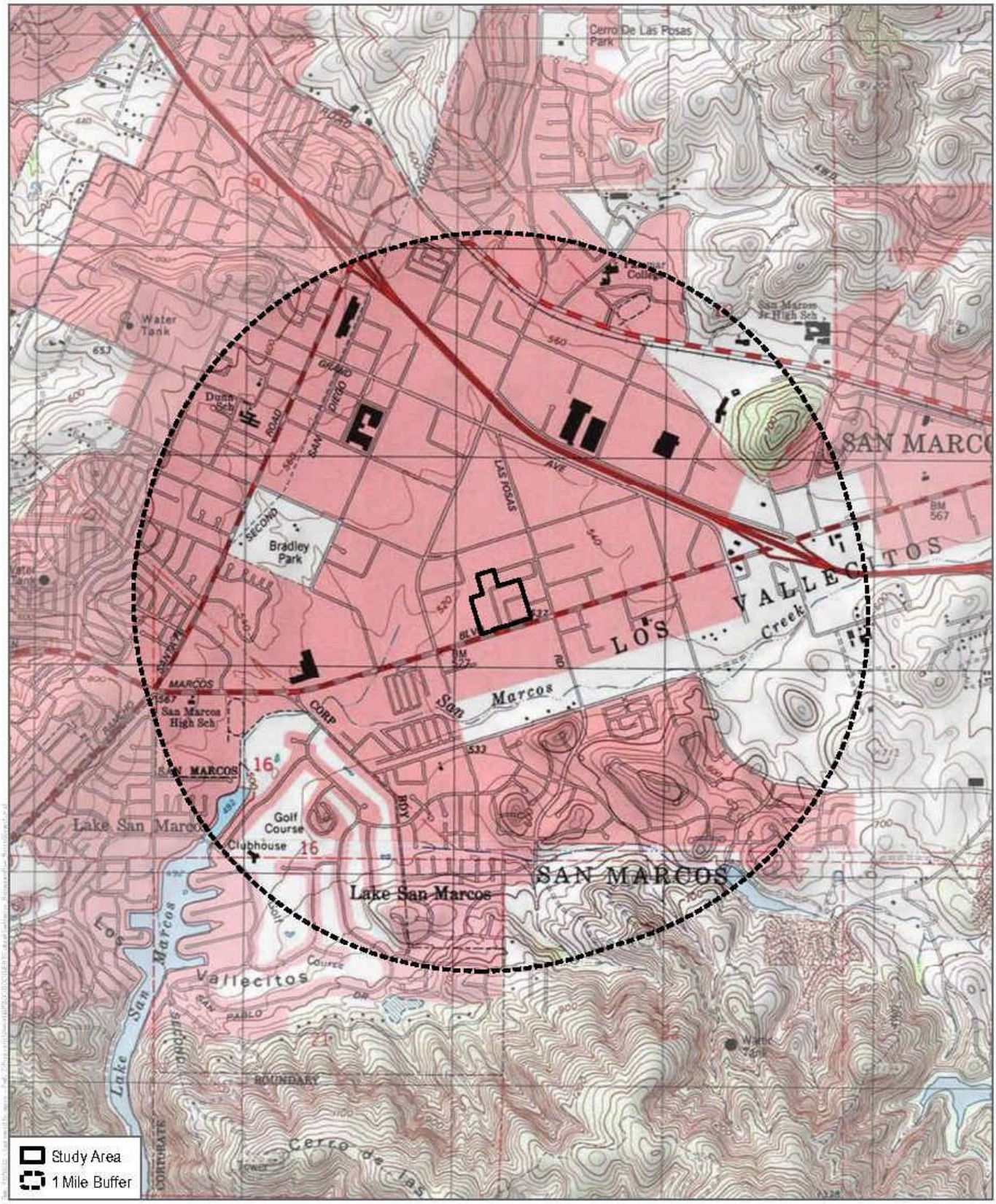

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MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Clint Linton, Director of Cultural Resources
Ipay Nation of Santa Ysabel
P.O. Box 507
Santa Ysabel, CA 92070

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Linton,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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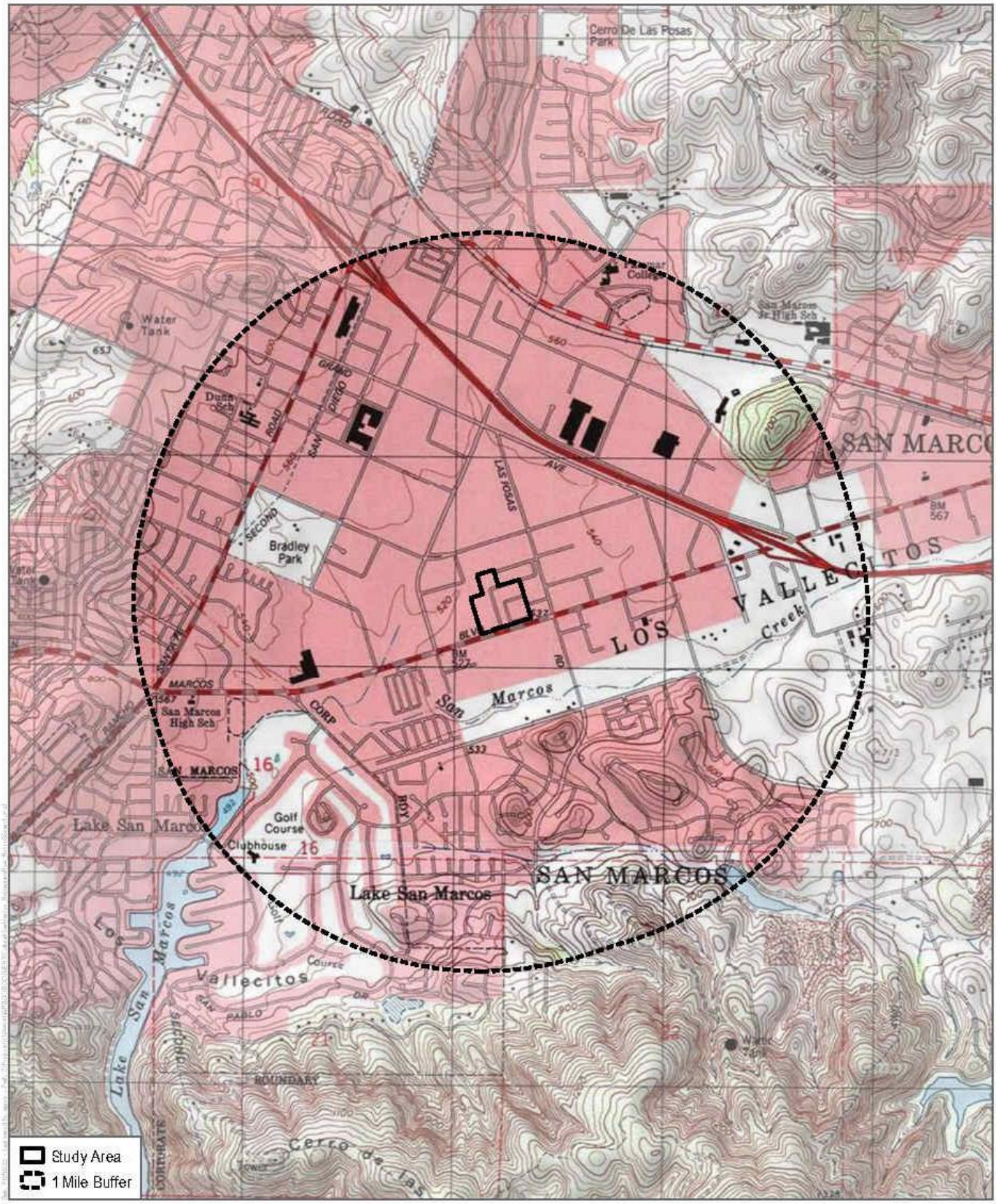

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Michael Linton, Chairperson
Mesa Grande Band of Dieguneo Mission Indians
P.O. Box 270
Santa Ysabel, CA 92070

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Linton,

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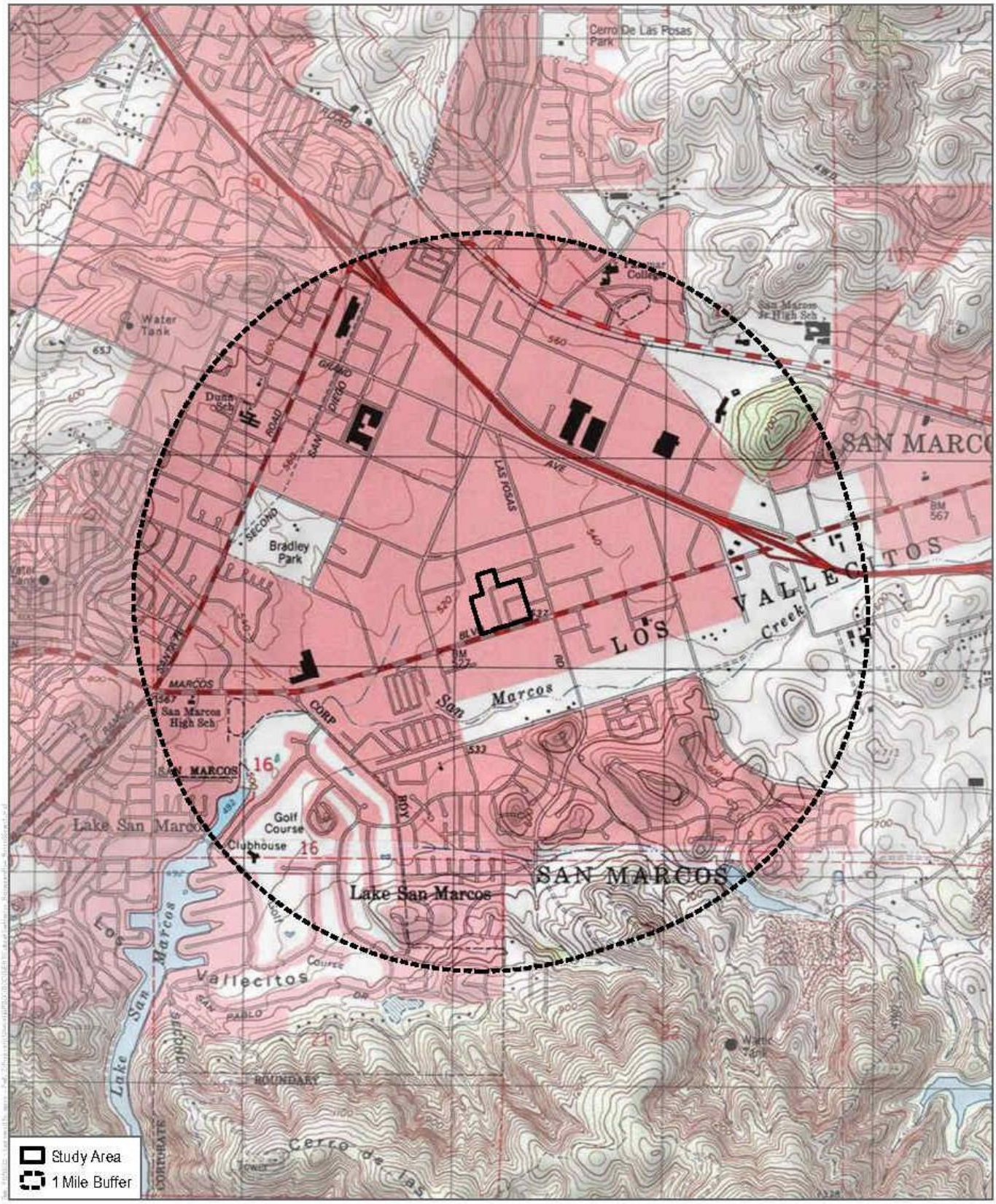

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San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Ms. Carmen Lucas,
Kwaaymii Laguna Band of Mission Indians
P.O. Box 775
Pine Valley, CA 91962

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Lucas,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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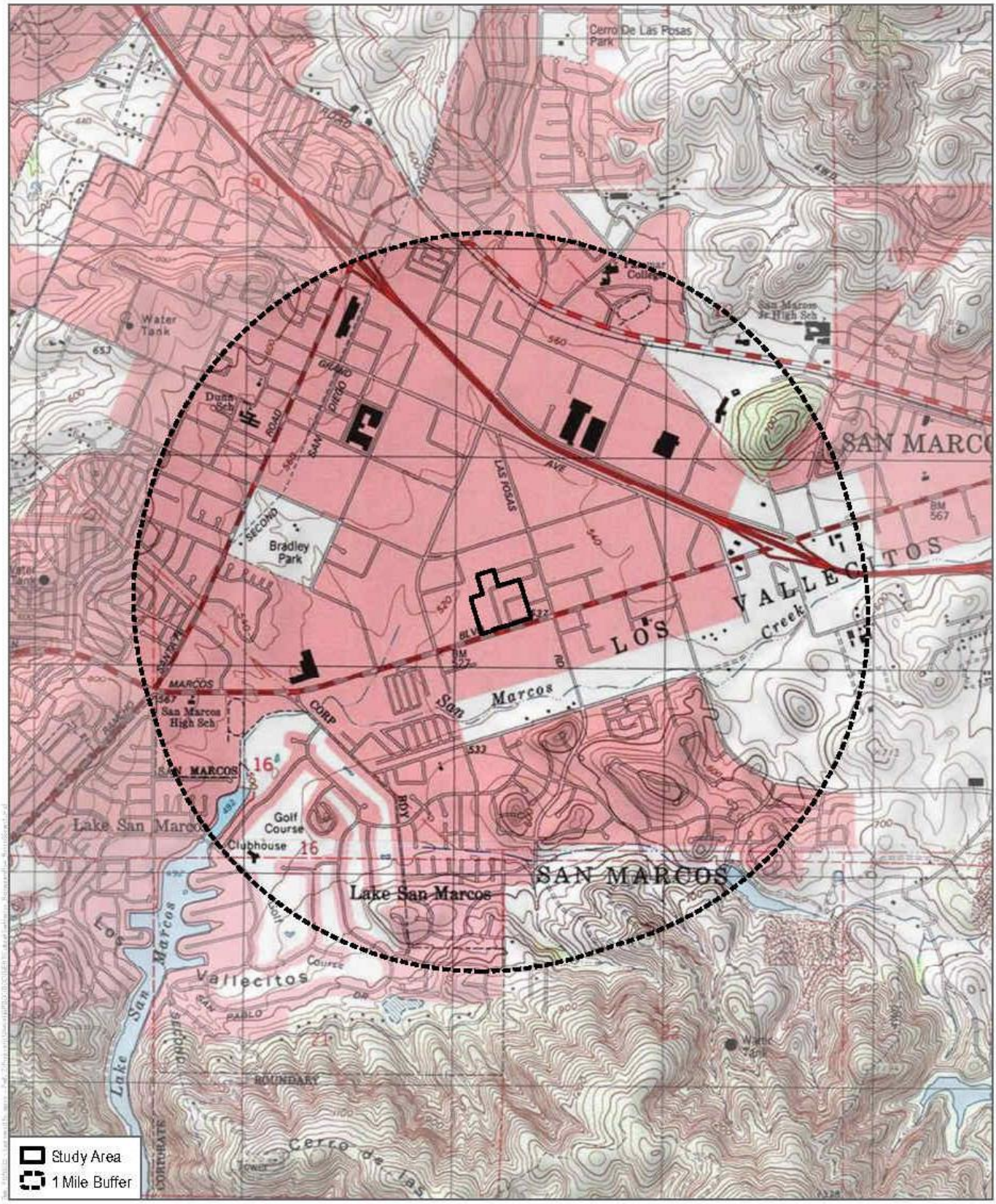

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MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Paul Macarro, Cultural Resources Manager
Pechanga Band of Mission Indians
P.O. Box 1477
Temecula, CA 92593

Subject: Information Request for the Restaurant Row Project in San Marcos, California

Dear Mr. Macarro,

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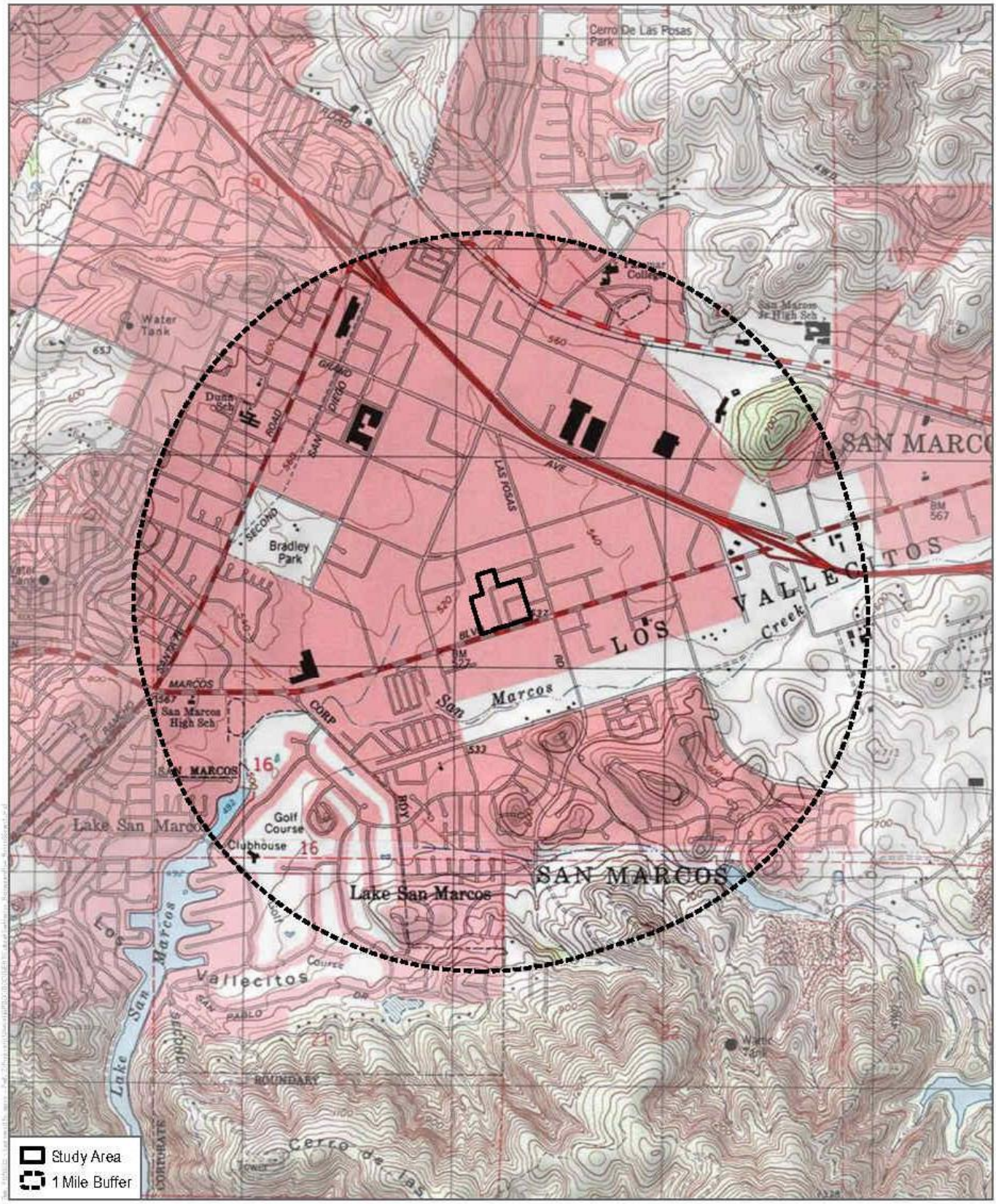

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Ms. Cheryl Madrigal, Tribal Historic Preservation Officer
Rincon Band of Mission Indians
One Governement Center Lane
Valley Center, CA 92082

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Madrigal,

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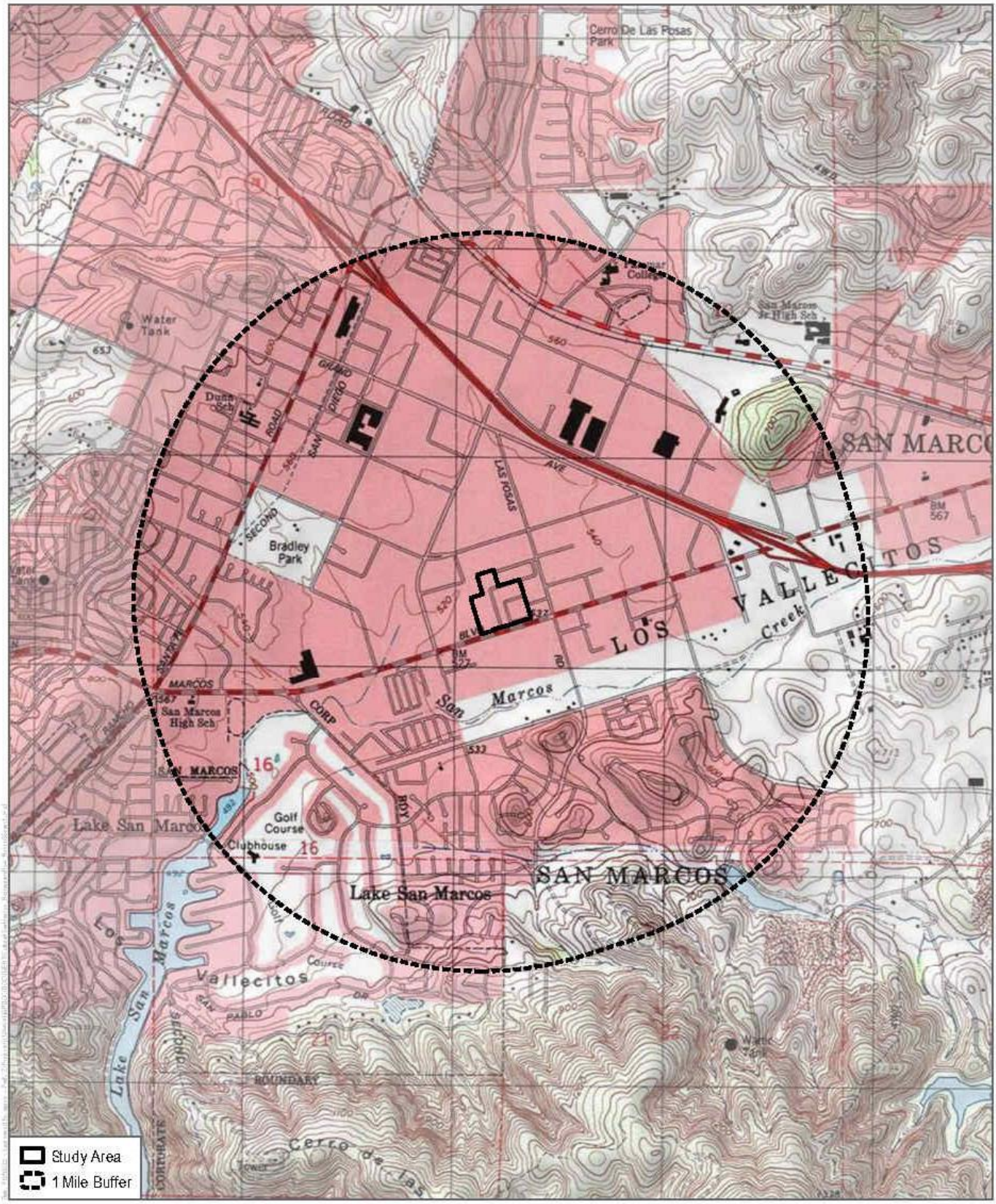

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T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Cody Martinez, Chairperson
Sycuan Band of the Kumeyaay Nation
1 Kwaaypaay Court
El Cajon, CA 92019

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Martinez,

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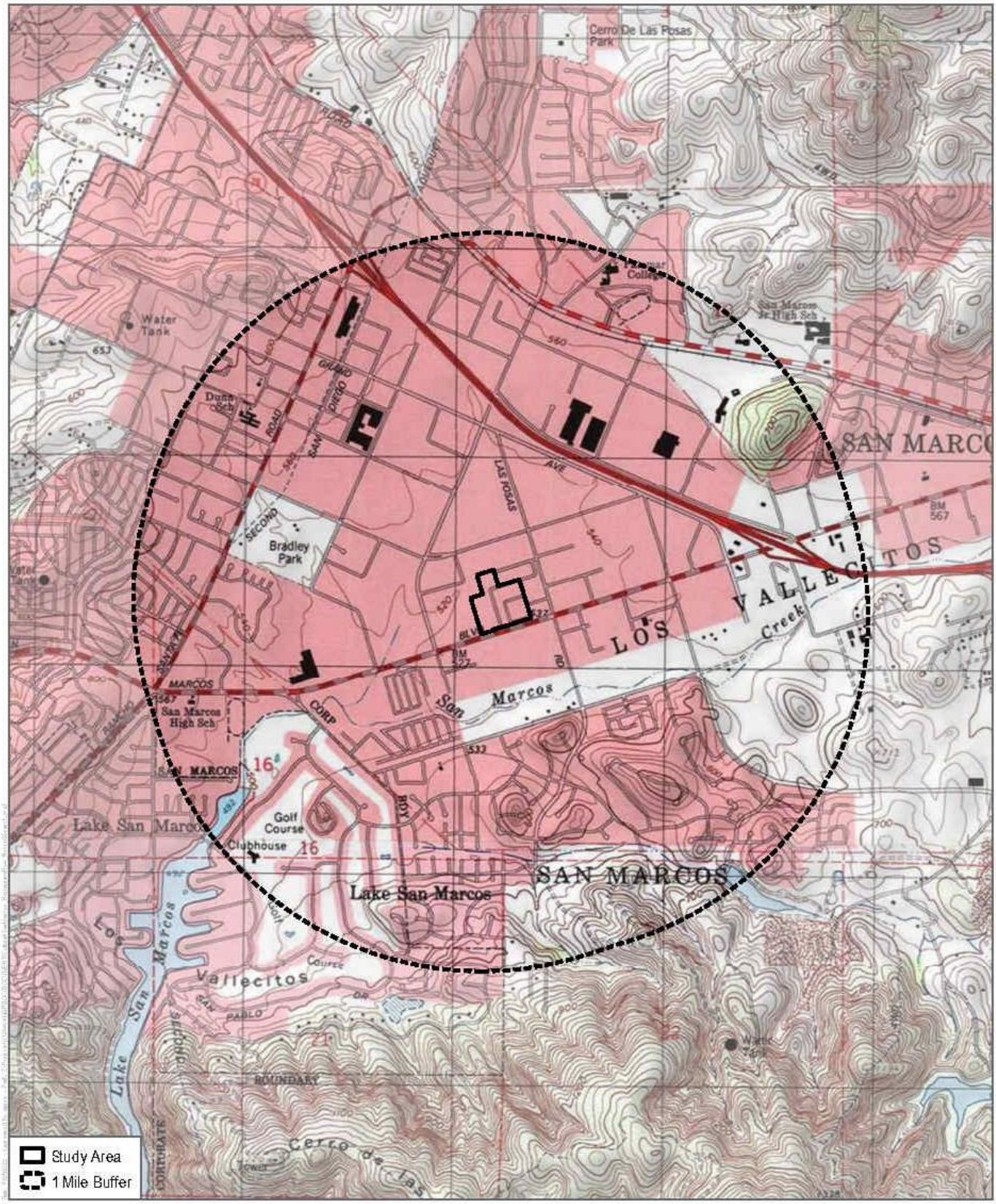

SOURCE: USGS 7.5-Minutes Series San Marcos, Rancho Santa Fe Quadrangles
Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Bo Mazzetti, Chairperson
Rincon Band of Luiseño Indians
1 Government Center Lane
Valley Center, CA 92082

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Mazzetti,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

As part of the cultural resources study prepared for the proposed project, Dudek contacted the California Native American Heritage Commission (NAHC) to request a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations who may have knowledge of cultural resources in or near the proposed project area. The NAHC emailed a response on June 30, 2022, which stated that the SLF search did not identify the presence of Native American cultural resources in the immediate project area.

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Respectfully,

Angela Pham, M.A., RPA
Archaeologist
DUDEK
Phone: (760) 479-4831
Email:

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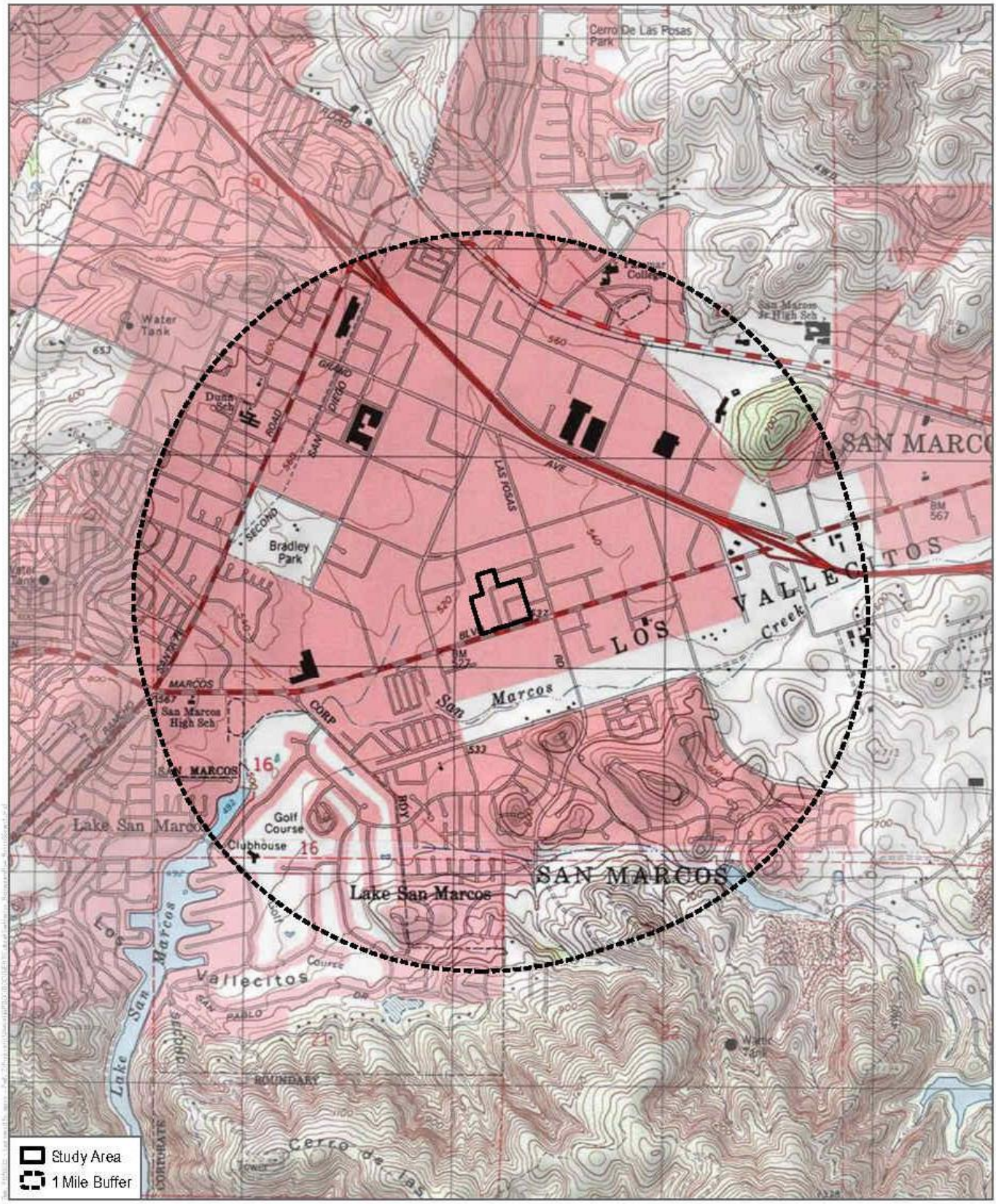

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Ms. Javaughn Miller, Tribal Administrator
La Posta Band of Diegueno Mission Indians
8 Crestwood Rd.
Boulevard, CA 91905

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Miller,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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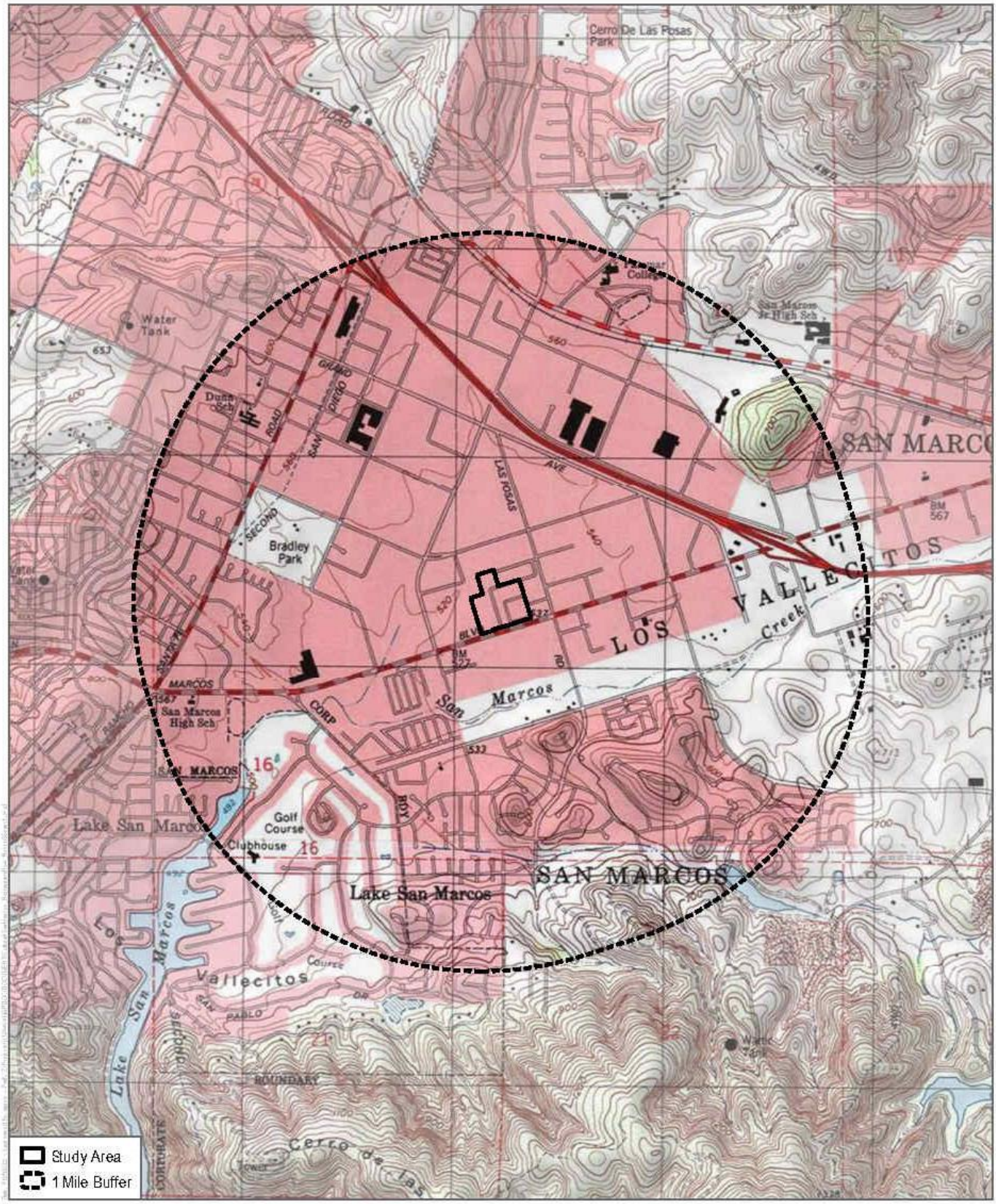

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July 1, 2022

Mr. Joseph Ontiveros, Cultural Resource Department
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92581

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Ontiveros,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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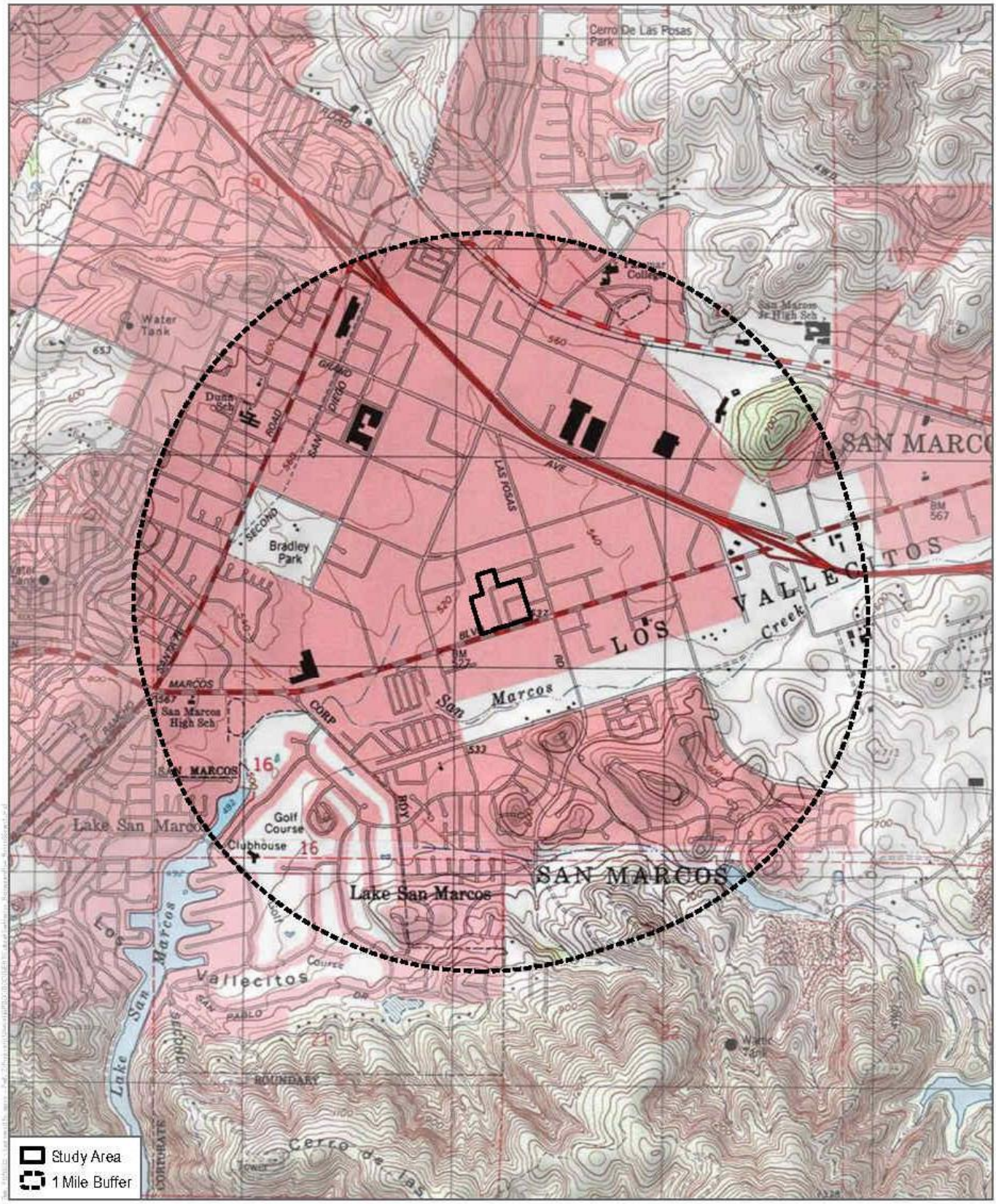

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July 1, 2022

Ms. Kristie Orosco, Resource Specialist
Sycuan Band of the Kumeyaay Nation
1 Kwaaypaay Court
El Cajon, CA 92019

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Orosco,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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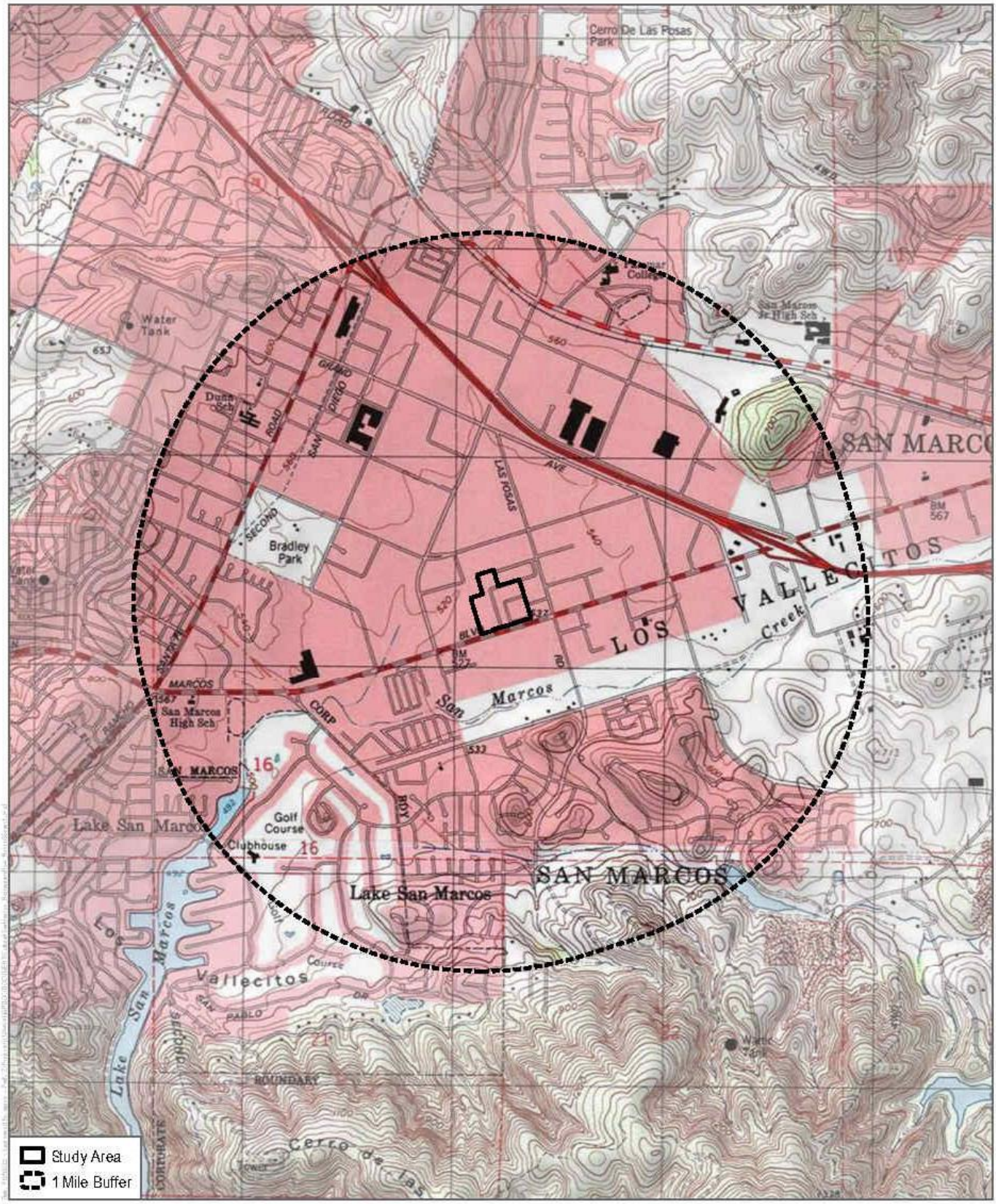

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Ms. Rebecca Osuna, Chairperson
Inaja-Cosmit Band of Indians
2005 S. Escondido Blvd.
Escondido, CA 92025

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Osuna,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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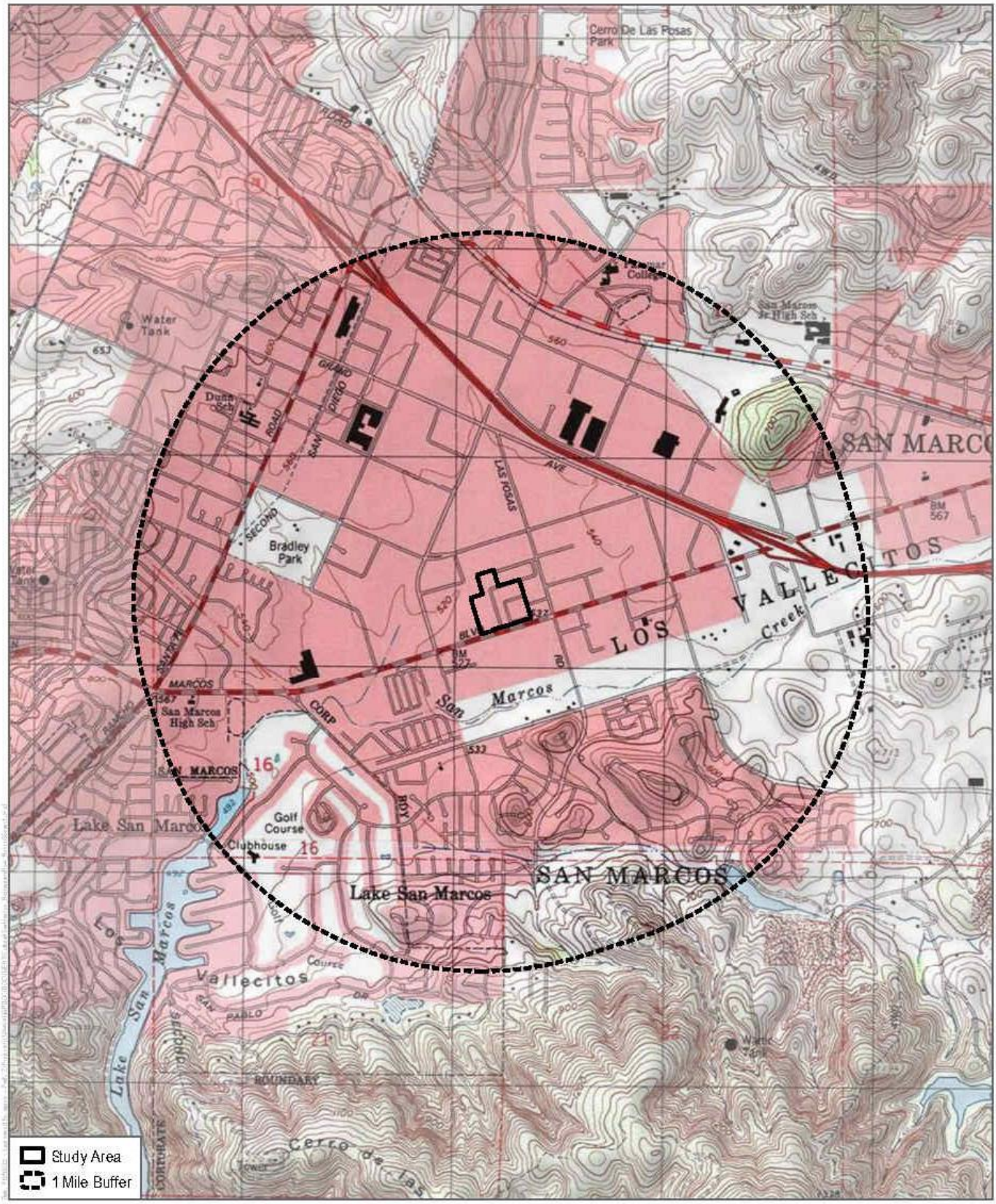

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July 1, 2022

Ms. Gwendolyn Parada, Chairperson
La Posta Band of Diegueno Mission Indians
8 Crestwood Rd.
Boulevard, CA 91905

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Parada,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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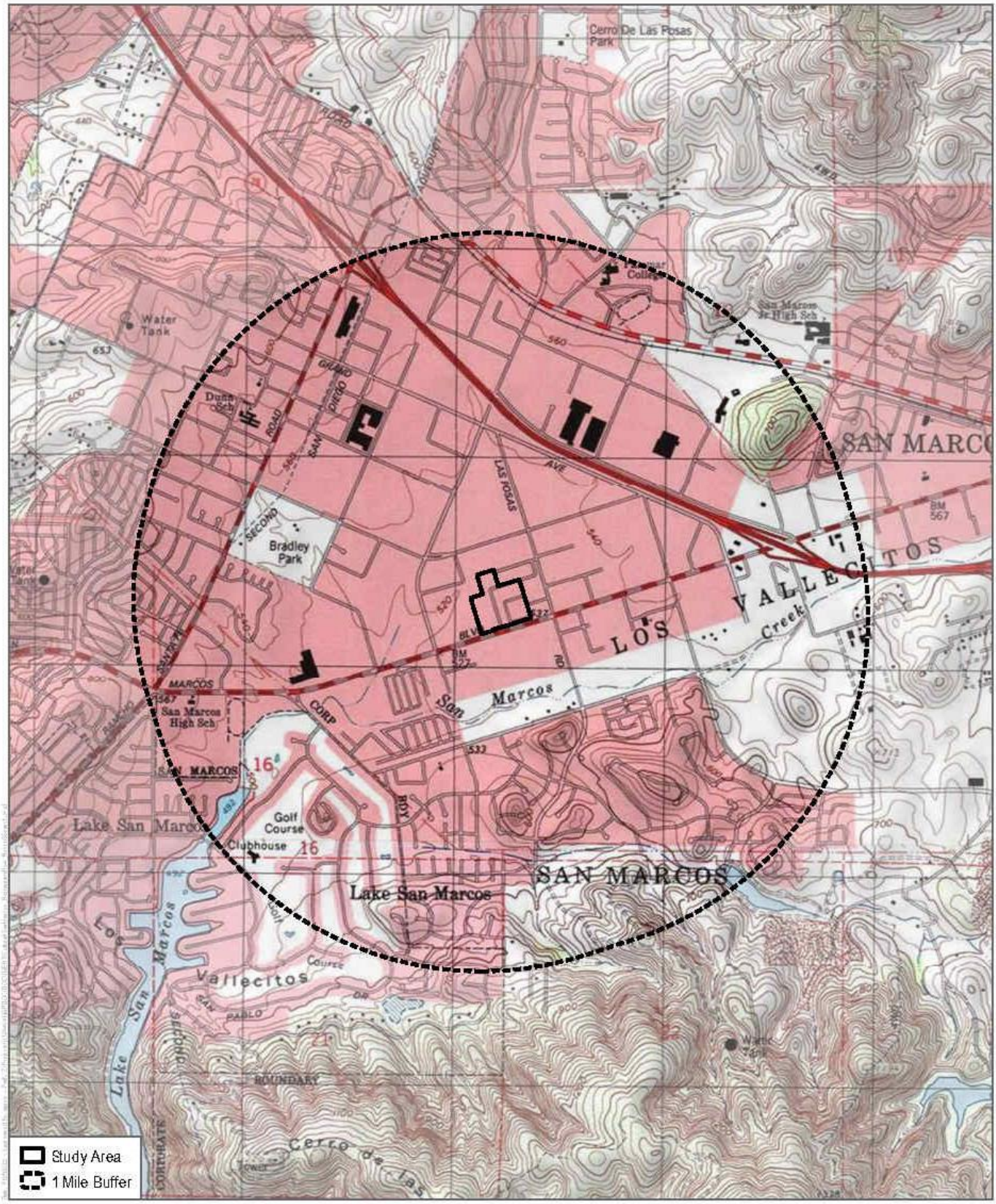

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Virgil Perez, Chairperson
Iipay Nation of Santa Ysabel
P.O. Box 130
Santa Ysabel, CA 92070

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Perez,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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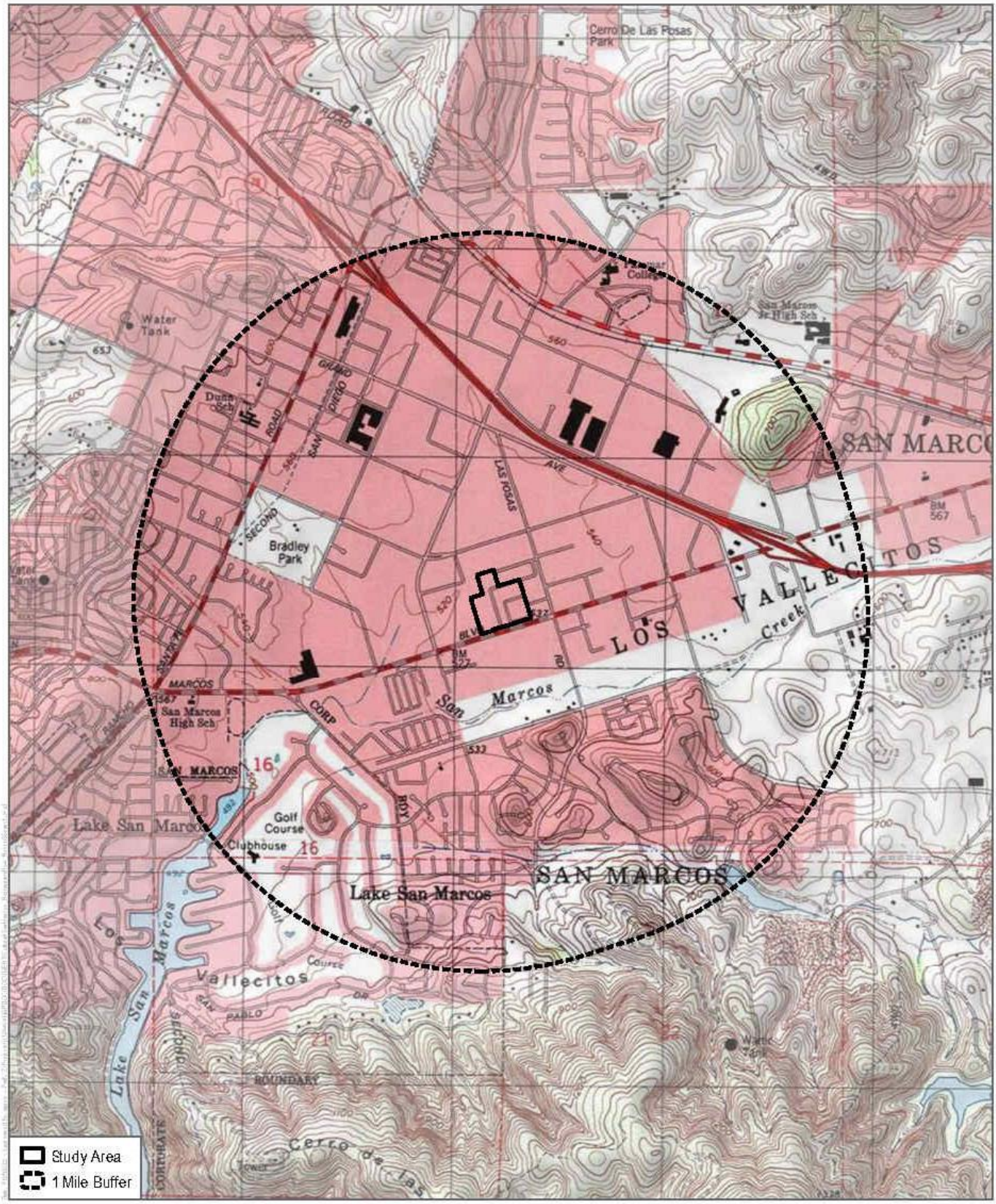

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Ernest Pingleton, Tribal Historic Officer
Viejas Band of Kumeyaay Indians
1 Viejas Grade Rd.
Alpine, CA 91901

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Mr. Pingleton,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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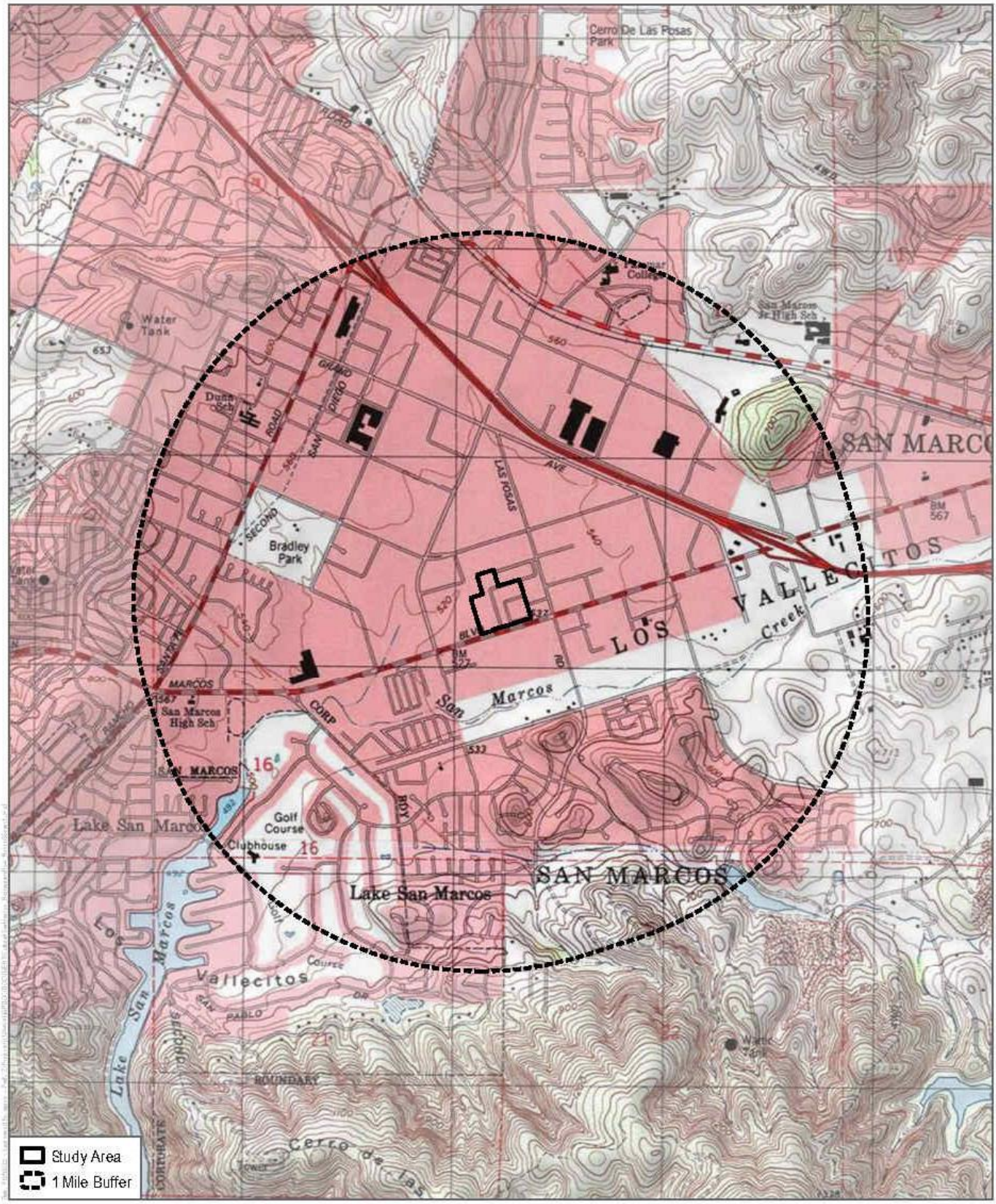

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605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Mr. Robert Pinto, Chairperson
Ewiaapaayp Tribe
4054 Willow Rd.
Alpine, CA 91901

Subject: Information Request for the Restaurant Row Project in San Marcos, California

Dear Mr. Pinto,

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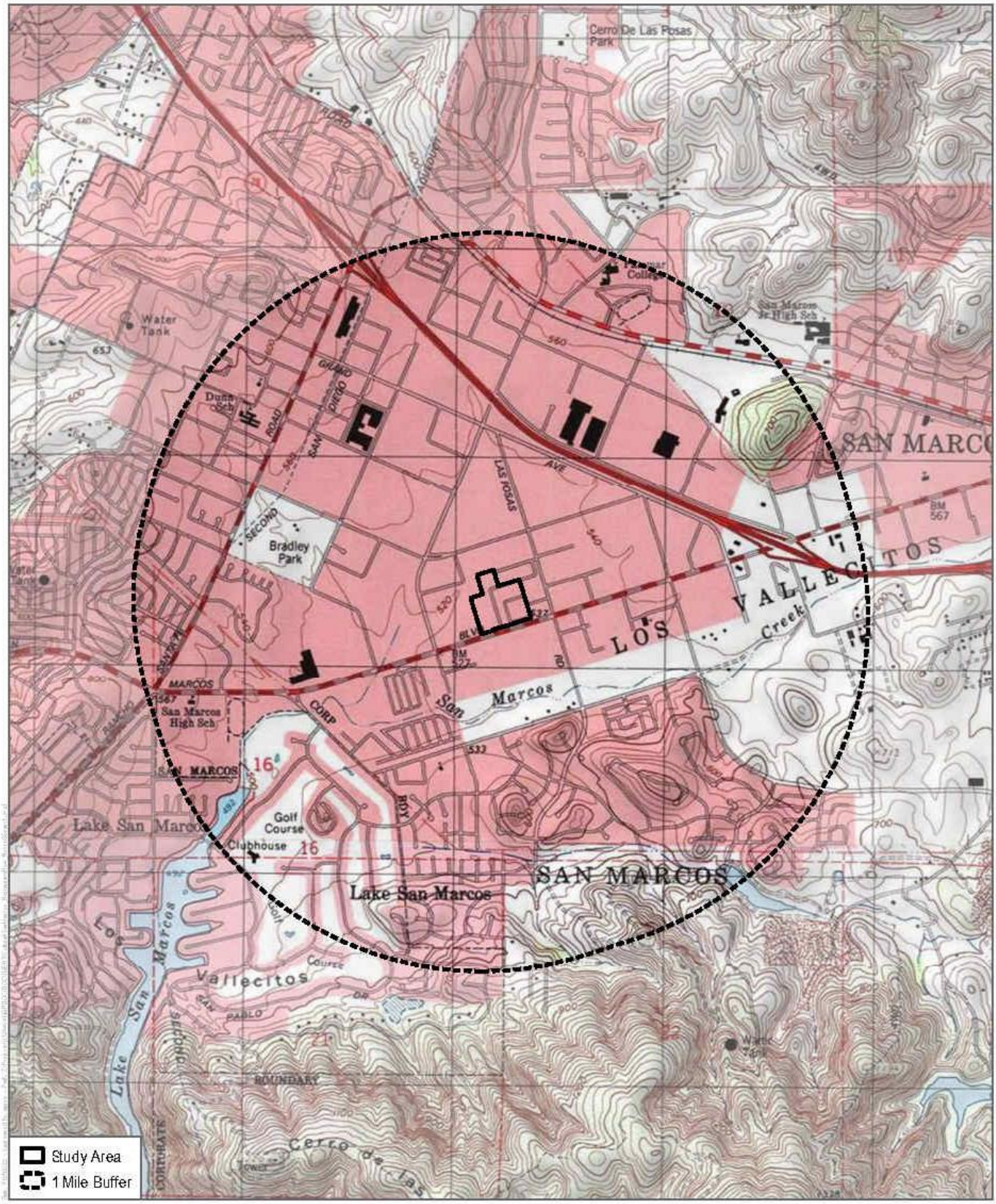

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July 1, 2022

Ms. Erica Pinto, Chairperson
Jamul Indian Village
P.O. Box 612
Jamul, CA 91935

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Ms. Pinto,

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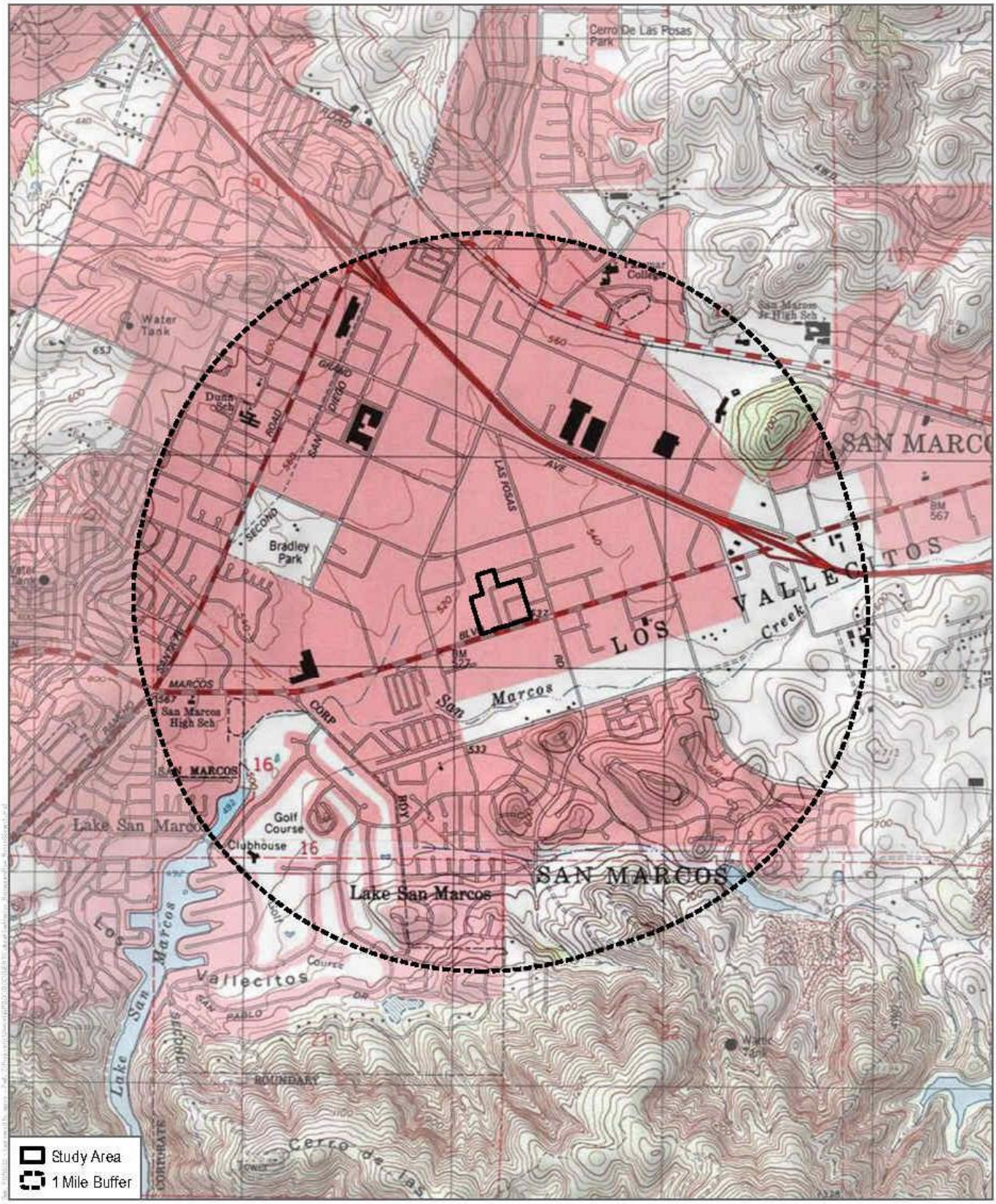

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July 1, 2022

Cultural Department ,
San Luis Rey Band of Mission Indians
1889 Sunset Dr.
Vista, CA 92081

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Tribal Council,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

As part of the cultural resources study prepared for the proposed project, Dudek contacted the California Native American Heritage Commission (NAHC) to request a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations who may have knowledge of cultural resources in or near the proposed project area. The NAHC emailed a response on June 30, 2022, which stated that the SLF search did not identify the presence of Native American cultural resources in the immediate project area.

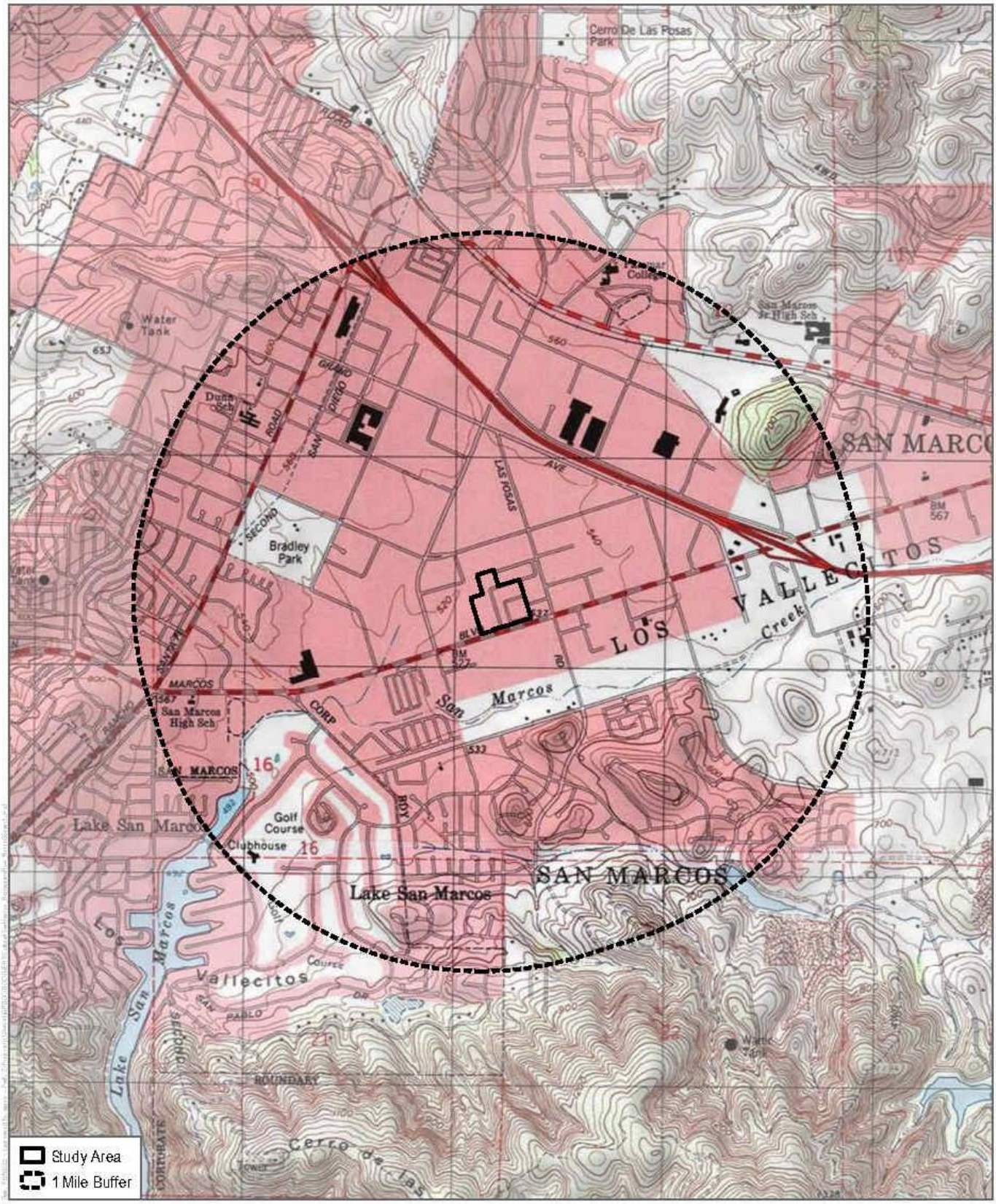
The NAHC recommended that we contact you regarding your knowledge of the presence of cultural resources that may be impacted by this project. If you have any knowledge of cultural resources that may exist within or near the proposed project area, please contact me directly at (760) 479-4855 or at apham@dudek.com within 30 days of receipt of this letter.

Please note that this letter does not constitute Assembly Bill (AB) 52 notification or initiation of consultation. AB 52 is a process between the lead agency and California Native American Tribes concerning potential impacts to tribal cultural resources. Tribes that wish to be notified of projects for the purposes of AB 52 must contact the lead agency, City of San Marcos, in writing (pursuant to Public Resources Code Section 21080.3.1 (b)).

Respectfully,

Angela Pham, M.A., RPA
Archaeologist
DUDEK
Phone: (760) 479-4831
Email:

Attachments: *Figure 1. Records search area Map.*



SOURCE: USGS 7.5-Minutes Series San Marcos, Rancho Santa Fe Quadrangles
Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

DUDEK

MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 760.942.5147 T 800.450.1818 F 760.632.0164

July 1, 2022

Tribal Council ,
San Luis Rey Band of Mission Indians
1889 Sunset Dr.
Vista, CA 92081

Subject: ***Information Request for the Restaurant Row Project in San Marcos, California***

Dear Tribal Council,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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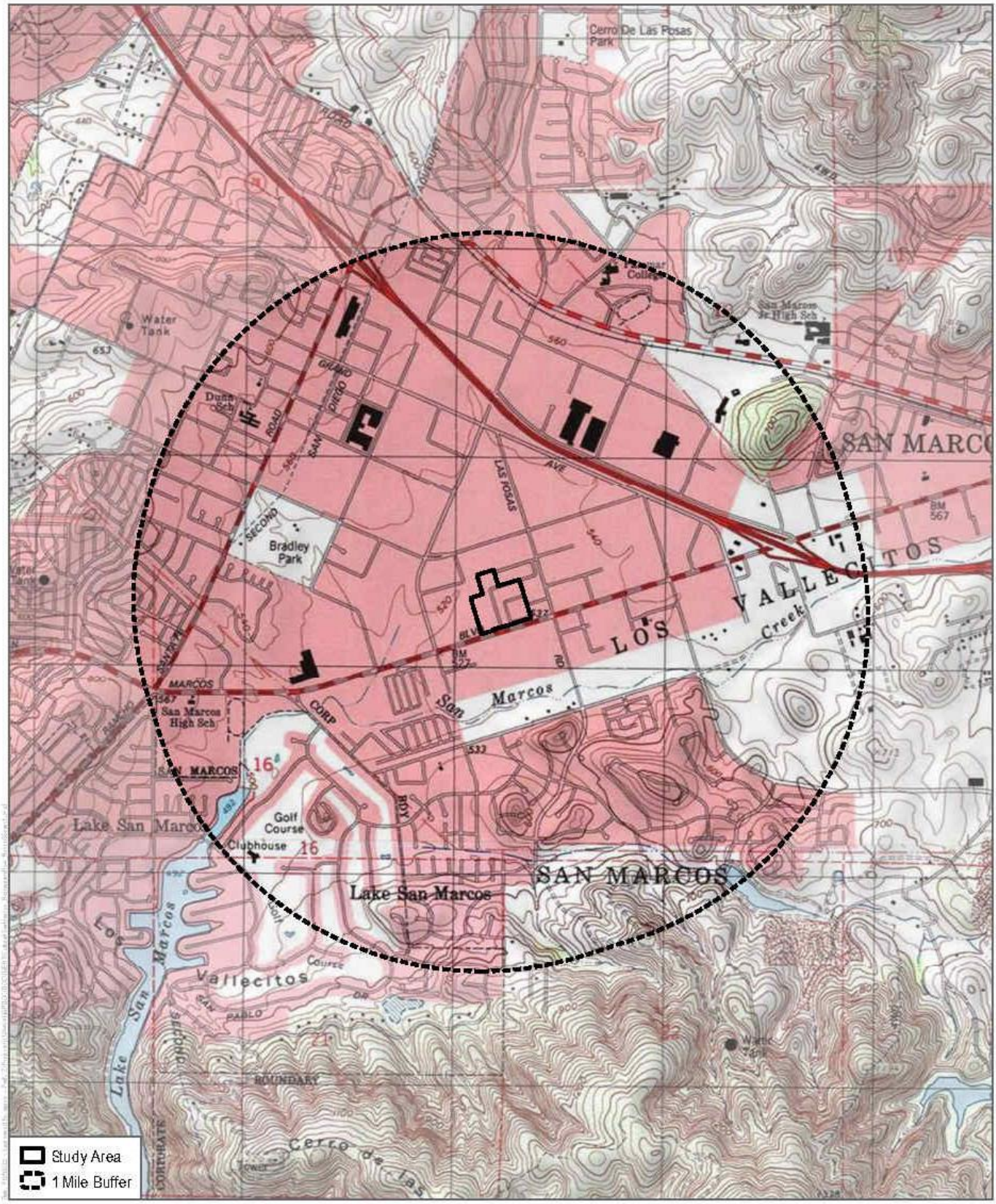

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Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

July 1, 2022

Raymond Welch,
Barona Group of the Capitan Grande
1095 Barona Road
Lakeside, CA 92040

Subject: Information Request for the Restaurant Row Project in San Marcos, California

Dear Chairman Welch,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

As part of the cultural resources study prepared for the proposed project, Dudek contacted the California Native American Heritage Commission (NAHC) to request a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations who may have knowledge of cultural resources in or near the proposed project area. The NAHC emailed a response on June 30, 2022, which stated that the SLF search did not identify the presence of Native American cultural resources in the immediate project area.

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Phone: (760) 479-4831
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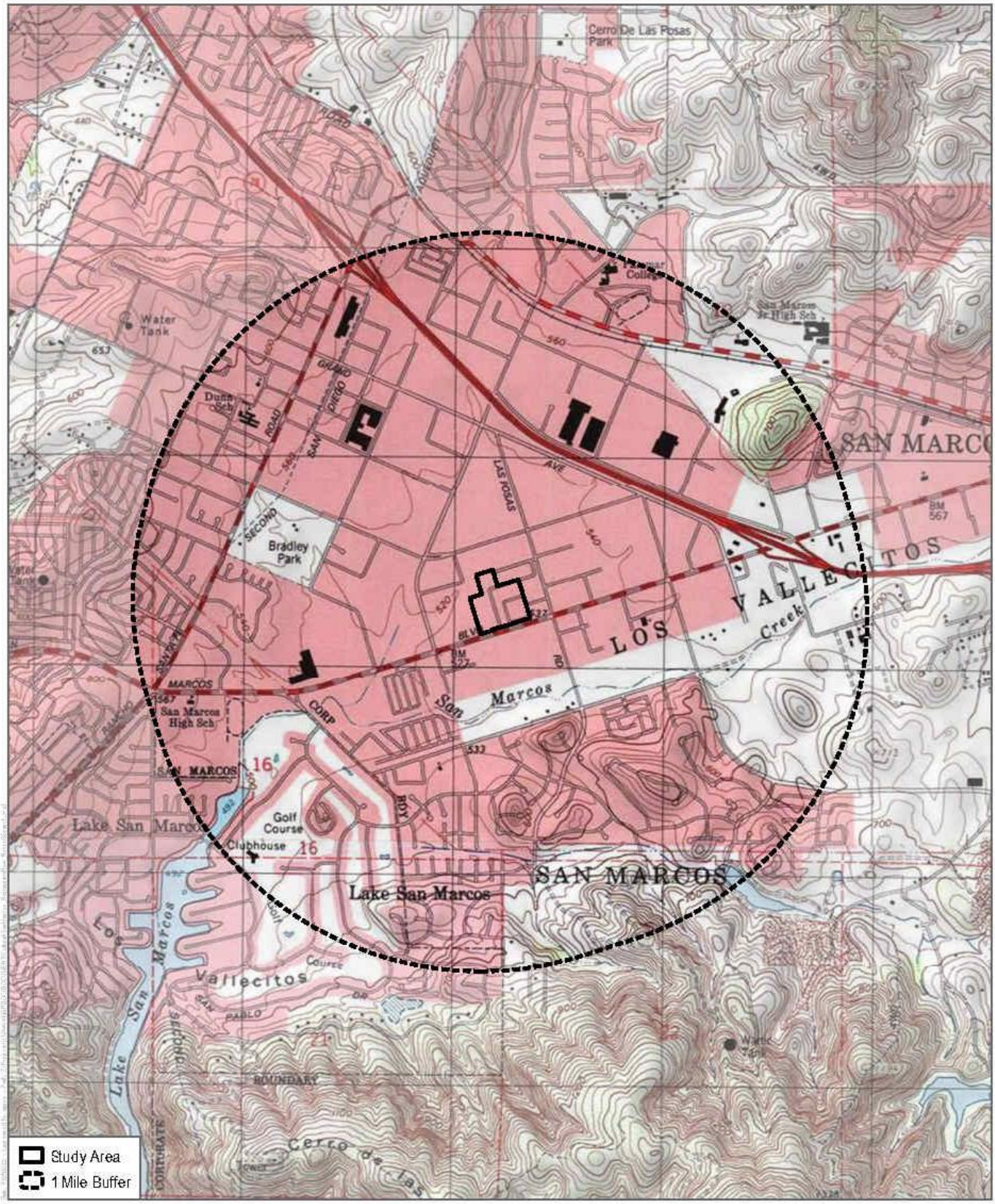

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Township 12S / Range 3W / Sections 15, 16

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Records Search
San Marcos Restaurant Row EIR

July 1, 2022

Angela Elliott Santos
Manzanita Band of Kumeyaay Nation
P.O. Box 1302
Boulevard, CA 91905

Subject: Information Request for the Restaurant Row Project in San Marcos, California

Dear Chairperson Angela Elliot Santos,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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Archaeologist
DUDEK
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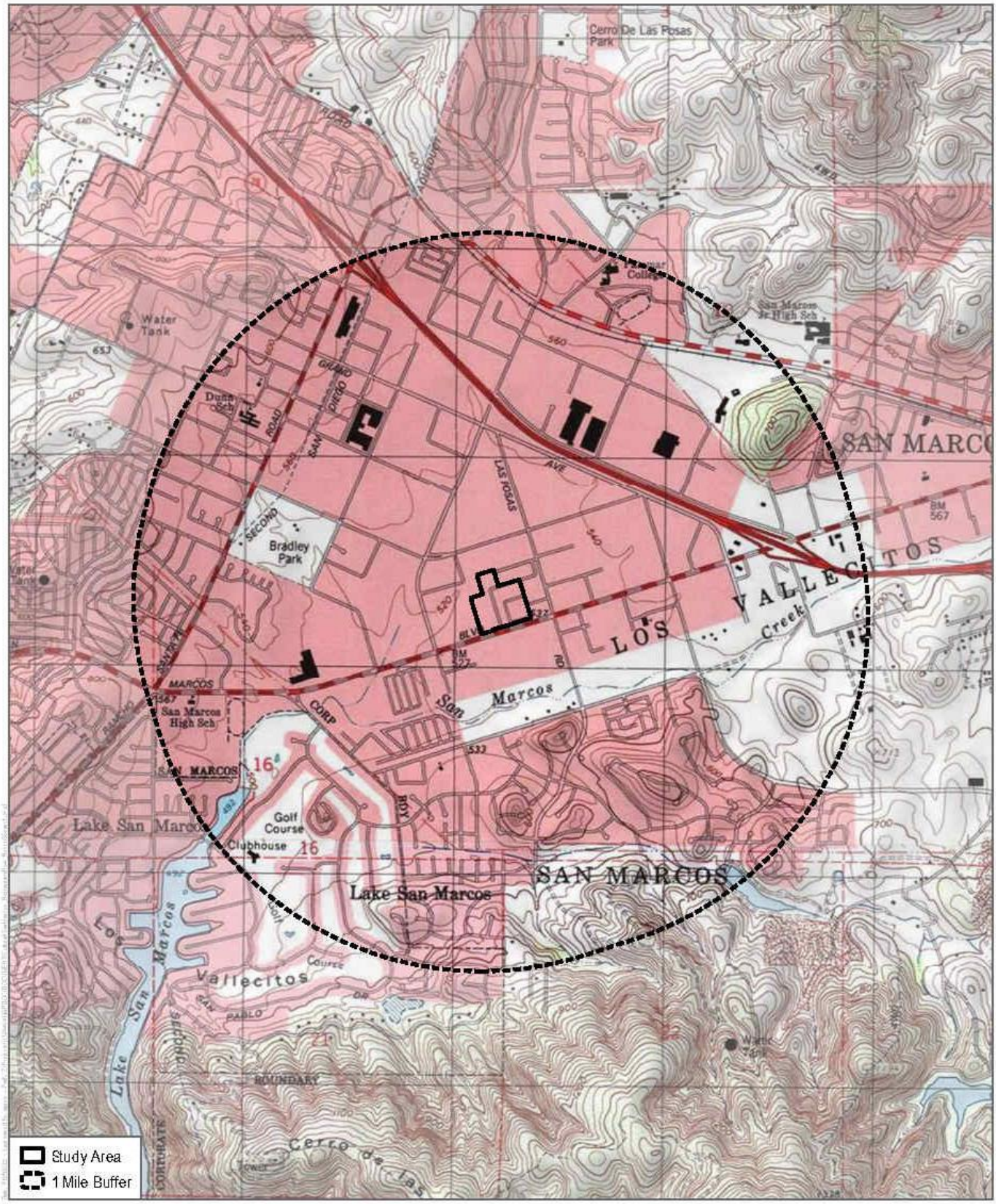

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Records Search
San Marcos Restaurant Row EIR

July 1, 2022

Paul Macarro
Pechanga Band of Indians
P.O. Box 1477
Temecula, CA 92593

Subject: Information Request for the Restaurant Row Project in San Marcos, California

Dear Mr. Macarro,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

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DUDEK
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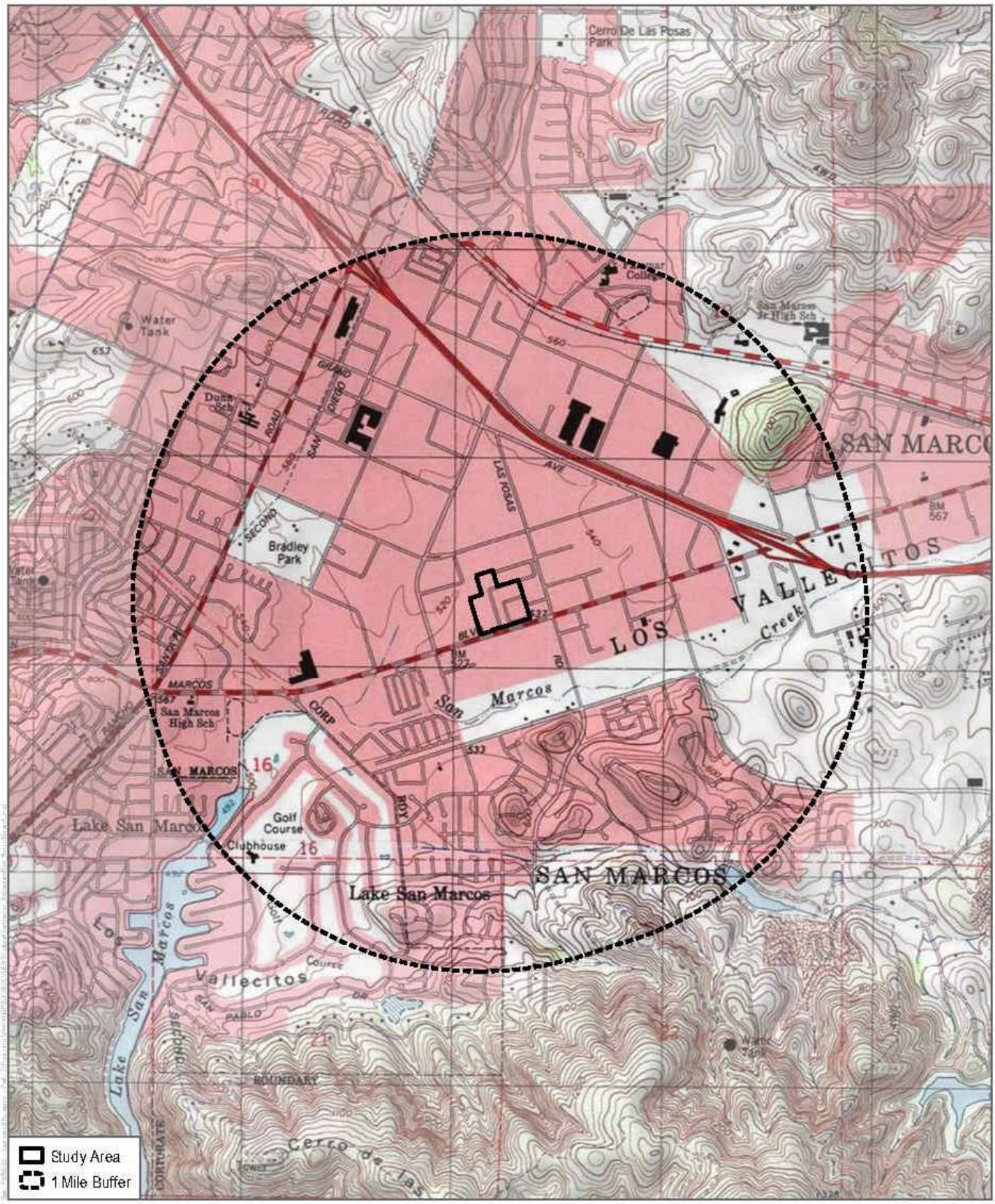

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Township 12S / Range 3W / Sections 15, 16

DUDEK

Records Search
San Marcos Restaurant Row EIR

July 1, 2022

Isaiah Vivanco
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92581

Subject: Information Request for the Restaurant Row Project in San Marcos, California

Dear Chairman Isaiah Vivanco,

The Restaurant Row Project is located in the City of San Marcos, San Diego County, California. The Project would consist of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site. The Project area falls within Section 15 of Township 12 South, Range 3 West of the San Marcos, California 7.5-minute Quadrangle (Figure 1).

As part of the cultural resources study prepared for the proposed project, Dudek contacted the California Native American Heritage Commission (NAHC) to request a Sacred Lands File (SLF) search and a list of Native American individuals and/or tribal organizations who may have knowledge of cultural resources in or near the proposed project area. The NAHC emailed a response on June 30, 2022, which stated that the SLF search did not identify the presence of Native American cultural resources in the immediate project area.

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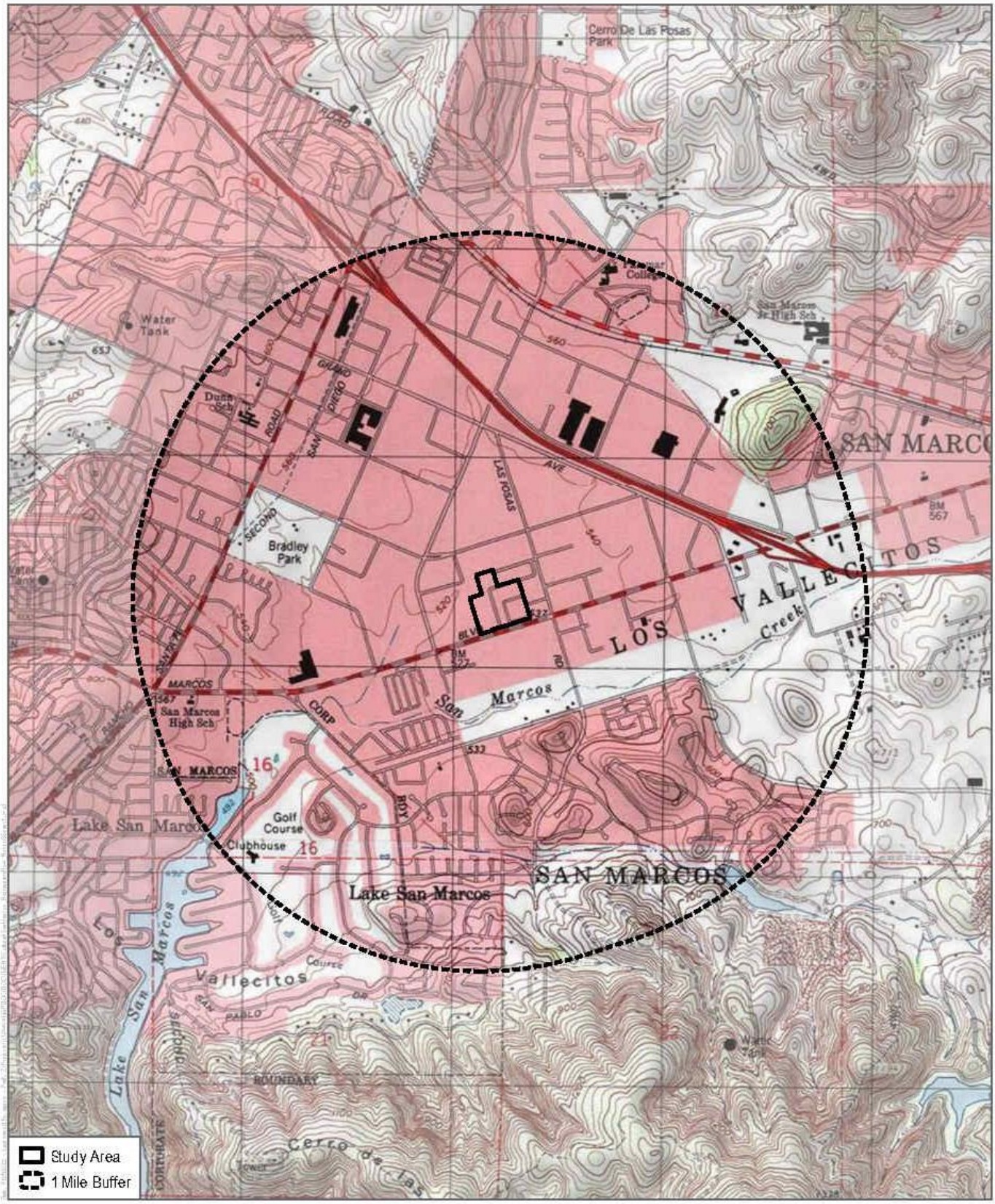

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Township 12S / Range 3W / Sections 15, 16

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Records Search
San Marcos Restaurant Row EIR

Appendix D
Geotechnical Investigation

UPDATE
GEOTECHNICAL INVESTIGATION

SAN MARCOS RESTAURANT ROW
SAN MARCOS, CALIFORNIA

GEOCON
INCORPORATED

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

PREPARED FOR

LENNAR
SAN DIEGO, CALIFORNIA

DECEMBER 22, 2022
PROJECT NO. G2487-32-03

Project No. G2487-32-03
December 22, 2022

Lennar
16465 Via Esprillo, Suite 150
San Diego, California 92127

Attention: Mr. David Shepherd

Subject: UPDATE GEOTECHNICAL INVESTIGATION
SAN MARCOS RESTAURANT ROW
SAN MARCOS, CALIFORNIA

Dear Mr. Shepherd:

In accordance with your request, and our Proposal No. LG-21392, dated August 16, 2021, we have performed an update geotechnical investigation on the subject property in San Marcos, California. The accompanying report presents the recent and previous subsurface information, laboratory testing, and our conclusions and recommendations pertaining to the geotechnical aspects of project development. The results of our study indicate that the site can be developed as planned, provided the recommendations of this report are followed.

If there are any questions regarding this report, or if we may be of further service, please contact the undersigned at your convenience.

Very truly yours,

GEOCON INCORPORATED

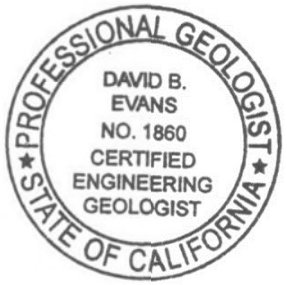
Troy K. Reist
CEG 2408

Trevor E. Myers
RCE 63773

David B. Evans
CEG 1860

TKR:TEM:DBE:am

(e-mail) Addressee



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UPDATE GEOTECHNICAL INVESTIGATION

1. PURPOSE AND SCOPE

This report presents the results of an update geotechnical investigation for a proposed residential development located at 1020-1080 West San Marcos Boulevard in San Marcos, California (see Vicinity Map, Figure 1). The purpose of this study was to evaluate the compression characteristics of the soils underlying the proposed building areas and provide updated remedial grading and foundation design recommendations based on the current California Building Code (CBC) guidelines. In addition, this report is intended to update our previous report entitled Update Geotechnical Investigation, Old California Restaurant Row, 1000-1080 West San Marcos Boulevard, San Marcos, California, dated February 6, 2020 (Project No. G2487-42-01) and to address the current plans prepared by Project Design Consultants (PDC) provided to us on December 15, 2022.

The scope of our recent study consisted of the following:

- Reviewing readily available published and unpublished geologic literature.
- Reviewing the site plans prepared by PDC, which were utilized as our base map to present our subsurface information.
- Advancing seven hollow-stem auger borings to evaluate the underlying soil and geologic conditions and to collect samples for laboratory testing (see Appendix A for boring logs).
- Performing laboratory tests on selected soil samples to evaluate their physical and chemical properties for engineering analysis (see Appendix B).
- Providing storm water BMP design information (See Appendix C).
- Preparing this report presenting our exploratory information and our conclusions and recommendations regarding the geotechnical aspects of developing the site as presently proposed. The approximate locations of the subsurface excavations are shown on the *Geologic Map*, Figure 2.

2. PREVIOUS GEOTECHNICAL STUDY

A previous geotechnical study entitled *Geotechnical Investigation, Old California Restaurant Row Renovation and Additional Retail Buildings and Pavement Rehabilitation, 1000-1080 San Marcos Blvd, San Marcos, California,* was prepared by Leighton Consulting Incorporated, dated January 12, 2015. The purpose of the study was to identify and evaluate the existing soil and geologic conditions in order to provide recommendations for additional restaurant/retail buildings and pavement repairs. The study consisted of advancing eight small diameter borings and performing limited laboratory testing. We have included the borings logs in Appendix A. The approximate locations of the borings are shown on Figure 2, except Boring B-5, which was missing from their map.

3. SITE AND PROJECT DESCRIPTION

The proposed development is located at 1020-1080 West San Marcos Boulevard in San Marcos, California. The approximate 11-acre site was originally developed in 1978 with several dining establishments known as Old California Restaurant Row, which included over a dozen restaurant locations and associated asphalt concrete parking areas. It is our understanding that the proposed project consists of redeveloping the property for a 3-story, 202-unit condominium complex with associated infrastructure improvements including a 1.1-acre neighborhood park and 10,400 square feet of dining and retail space. No subterranean parking or basements are planned.

The geometric grading volume provided by PDC consists of approximately 41,140 cubic yards of cut and 225,560 cubic yards of fill, which would require approximately 184,420 cubic yards of import to achieve the desired finish grades. However, these quantities do not consider remedial grading or shrinking of the materials. Maximum cut and fill depths prior to remedial grading will be on the order of 3 and 8 feet, respectively.

The descriptions contained herein are based upon the site reconnaissance and our understanding of the project. If project details vary significantly from those outlined herein, Geocon Incorporated should be notified for review and possible revisions to this report prior to final design submittal.

4. SOIL AND GEOLOGIC CONDITIONS

The geologic units encountered on the property include undocumented fill and younger and older alluvium. Each of the units is described below in order of increasing age. Their mapped extent is shown on the *Geologic Map.*

4.1 Undocumented Fill (Qudf)

Undocumented fill was encountered in each of the exploratory borings and varied in thickness between 3 and 5 feet. The fill consists of damp to very moist, silty to clayey sands and clays. These fills are unsuitable for additional fill loads and will require remedial grading.

4.2 Younger Alluvium (Qya)

Younger alluvial deposits, up to 6½-feet-thick, were encountered in Boring B-4 and the previous borings advanced by Leighton (Borings B-6 through B-8) within the north central portion of the site. The younger alluvium consists of stiff, very moist to wet, dark gray, sandy clay and clayey sands. The younger alluvium is potentially compressible and will require remedial grading within areas of planned development.

4.3 Older Alluvium (Qoa)

Older alluvial deposits were encountered in each of the exploratory borings advanced across the site. These deposits consist of medium dense to very dense, silty to clayey, fine to coarse sands and hard, sandy to silty clays and silts with some gravels present below 17 feet. A compression study was performed on the material to evaluate the potential for leaving this unit in place as discussed in *Section 5.0* below.

5. COMPRESSION STUDY

Older alluvial deposits were encountered at depths of approximately 3 to 9 feet below the existing ground surface. To evaluate the possibility of leaving this unit in-place, consolidation testing was performed on several relatively undisturbed samples of this material. Based on the laboratory test results presented in Appendix B, the older alluvium possesses adequate engineering properties to remain in-place and receive the proposed fills and/or structural loads.

6. GROUNDWATER

Groundwater was encountered in all the exploratory borings performed across the site, which varied between 8 and 24 feet below the existing ground surface. The groundwater elevations are expected to fluctuate seasonally and may affect remedial grading. In this regard, remedial grading may encounter wet soils and excavation and compaction difficulty, particularly if grading is planned during the winter months.

A non-operational/abandoned well was observed in the northwestern portion of the property (see Figure 2). The well should be properly abandoned/removed in accordance with San Diego County regulatory requirements.

7. GEOLOGIC HAZARDS

7.1 Ground Rupture

USGS (2016) shows that there are no mapped Quaternary faults crossing or trending toward the property. In addition, the site is not located within a currently established Alquist-Priolo Earthquake Fault Zone.

The nearest known active faults are the Rose Canyon Fault zone and the Newport-Inglewood Fault, located approximately 10 miles west of the site. Based on this study, it is our opinion that the risk associated with ground rupture hazard is considered low.

7.2 Seismicity

San Diego County and Southern California region is seismically active. Considerations important in seismic design include the frequency and duration of motion and the soil conditions underlying the site. Seismic design of structures should be performed in accordance with the CBC guidelines currently adopted by the local agency. The risk associated with strong ground shaking due to earthquakes at the site is no greater than that for the region.

7.3 Liquefaction

Liquefaction typically occurs when a site is located in a zone with seismic activity, onsite soils are cohesionless, groundwater is encountered within 50 feet of the surface, and soil densities are less than about 70 percent of the maximum dry densities. If all four criteria are met, a seismic event could result in a rapid increase in pore water pressure from the earthquake-generated ground accelerations. The potential for liquefaction at the site is considered to be low due to the relative density of the older alluvium.

7.4 Landslides

No evidence of ancient landslide deposits was encountered at the site during the geotechnical investigation.

8. CONCLUSIONS AND RECOMMENDATIONS

8.1 General

8.1.1 No soil or geologic conditions were encountered that, in the opinion of Geocon Incorporated, would preclude the development of the property as proposed, provided the recommendations of this report are followed.

8.1.2 The site is underlain by undocumented fill, younger and older alluvium. The undocumented fill and younger alluvial deposits are unsuitable in their present condition and will require remedial grading in the form of removal and compaction where improvements are planned. The actual extent of unsuitable soil removal will be determined in the field by the geotechnical engineer and/or engineering geologist.

8.1.3 The proposed structures can be supported by conventional continuous and isolated spread foundations supported entirely in compacted fill or competent older alluvium.

8.1.4 The existing structures, foundation systems, pavement, utility lines, etc., should be removed and exported from the site prior to grading. Undocumented fills associated with these items and with past underground improvements should also be removed and properly compacted. Geocon Incorporated should observe the underlying geologic conditions and provide testing and observation services during the backfill of the resulting excavations where necessary.

8.1.5 The existing well identified during our field reconnaissance should be destroyed in accordance with the County of San Diego Department of Environmental Health. Once the project has been approved, a licensed drilling contractor with a valid C57 license will need to be contracted to properly destroy the well.

8.2 Excavation and Soil Characteristics

8.2.1 Excavation of the surficial deposits (undocumented fill and younger alluvium) should be possible with light to moderate effort using conventional heavy-duty equipment. These deposits may be very moist to saturated during the winter or early spring depending on preceding precipitation. Overly wet soils will require drying or mixing with drier material prior to their use as compacted fill.

8.2.2 The soils encountered in the field investigation are considered to be “expansive” (expansion index [EI] of 90 or less) as defined by 2019 California Building Code (CBC) Section 1803.5.3. Table 8.2.1 presents soil classifications based on the expansion index. We

expect a majority of the soil encountered possesses a “low” to “medium” expansion potential (expansion index of 90 or less).

TABLE 8.2.1
EXPANSION CLASSIFICATION BASED ON EXPANSION INDEX

Expansion Index (EI)	ASTM 4829 Expansion Classification	2019 CBC Expansion Classification
0 – 20	Very Low	Non-Expansive
21 – 50	Low	Expansive
51 – 90	Medium	
91 – 130	High	
Greater Than 130	Very High	

8.2.3 The laboratory test results indicate that the near-surface on-site materials at the locations tested possess *Not Applicable* sulfate severity to concrete structures as defined by 2019 CBC Section 1904 and ACI 318-14 Chapter 19. Table 8.2.2 presents a summary of concrete requirements set forth by 2019 CBC Section 1904 and ACI 318. ACI guidelines should be followed when determining the type of concrete to be used. The presence of water-soluble sulfates is not a visually discernible characteristic; therefore, other soil samples from the site could yield different concentrations. Additionally, over time landscaping activities (i.e., addition of fertilizers and other soil nutrients) may affect the concentration.

TABLE 8.2.2
REQUIREMENTS FOR CONCRETE EXPOSED TO SULFATE-CONTAINING SOLUTIONS

Exposure Class		Water-Soluble Sulfate (SO_4) Percent by Weight	Cement Type (ASTM C 150)	Maximum Water to Cement Ratio by Weight[1]	Minimum Compressive Strength (psi)
S0		SO_4<0.10	No Type Restriction	n/a	2,500
S1		0.10≤SO_4<0.20	II	0.50	4,000
S2		0.20≤SO_4≤2.00	V	0.45	4,500
S3	Option 1	SO_4>2.00	V+Pozzolan or Slag	0.45	4,500
	Option 2		V	0.40	5,000

[1] Maximum water to cement ratio limits do not apply to lightweight concrete

8.2.4 Geocon Incorporated does not practice in the field of corrosion engineering. Therefore, if improvements that could be susceptible to corrosion are planned, we recommend that further evaluation by a corrosion engineer be performed.

8.3 Grading Recommendations

8.3.1 All grading should be performed in accordance with the attached *Recommended Grading Specifications* (Appendix D). Where the recommendations of this section conflict with Appendix D, the recommendations of this section take precedence. All earthwork should be observed and all fills tested for proper compaction by Geocon Incorporated.

8.3.2 Prior to commencing grading, a preconstruction conference should be held at the site with the owner or developer, grading contractor, civil engineer, and geotechnical engineer in attendance. Special soil handling and/or the grading plans can be discussed at that time.

8.3.3 Site preparation should begin with the removal of all deleterious material and vegetation. The depth of removal should be such that material exposed in cut areas or soils to be used as fill are relatively free of organic matter and construction debris. Material generated during stripping and/or site demolition should be exported from the site.

8.3.4 All existing underground improvements and building foundations within proposed structural areas should be removed and the resulting depressions properly backfilled in accordance with the procedures described herein.

8.3.5 The undocumented fill and younger alluvium across the site should be removed to expose unyielding older alluvium, moisture conditioned, and properly compacted to provide uniform foundation conditions. The actual extent of unsuitable soil removal will be determined in the field by the geotechnical engineer and/or engineering geologist.

8.3.6 After removal of unsuitable materials is performed, the site should then be brought to final subgrade elevations with structural fill compacted in layers. In general, soils native to the site are suitable for re-use as fill if free from vegetation, debris, and other deleterious material. Layers of fill should be no thicker than will allow for adequate bonding and compaction. All fill, including backfill and scarified ground surfaces, should be compacted to at least 90 percent of maximum dry density at or above optimum moisture content, as determined in accordance with ASTM Test Procedure D1557. Fill materials below optimum moisture content will require additional moisture conditioning prior to placing additional fill.

8.3.7 Where practical, the upper 3 feet of the building pads should be comprised of soil with a “very low” to “low” expansion potential (i.e., Expansion Index of 50 or less). The more highly expansive fill soils should be placed in the deeper fill areas, if present.

8.3.8 Prior to placing fill, the ground surface should be scarified to a depth of 12 inches, moisture conditioned, and compacted to a dry density of at least 90 percent of the laboratory maximum dry density near to slightly above optimum moisture content, as determined by ASTM Test Method D 1557. Deeper processing and/or removal may be necessary in areas where loose, wet or dry soils are encountered.

8.3.9 It is the responsibility of the contractor to ensure that all excavations and trenches are properly shored and maintained in accordance with applicable OSHA rules and regulations in order to maintain safety and maintain the stability of adjacent existing improvements.

8.3.10 Import fill should consist of granular materials with a "very low" to "low" expansion potential (EI of 50 or less) free of deleterious material or stones larger than 3 inches, and should be compacted as recommended above. Geocon Incorporated should be notified of the import soil source and should perform laboratory testing of import soil prior to its arrival at the site to determine its suitability as fill material.

8.4 Seismic Design Criteria

8.4.1 Table 8.4.1 summarizes site-specific design criteria obtained from the 2019 California Building Code (CBC; Based on the 2018 International Building Code [IBC] and ASCE 7-16), Chapter 16 Structural Design, Section 1613 Earthquake Loads. We used the computer program *U.S. Seismic Design Maps*, provided by the Structural Engineers Association (SEA) to calculate the seismic design parameters. The short spectral response uses a period of 0.2 second. We evaluated the Site Class based on the discussion in Section 1613.2.2 of the 2019 CBC and Table 20.3-1 of ASCE 7-16. The values presented herein are for the risk-targeted maximum considered earthquake (MCE_R). Sites designated as Site Class D, E and F may require additional analyses if requested by the project structural engineer and client.

TABLE 8.4.1
2019 CBC SEISMIC DESIGN PARAMETERS

Parameter	Value	2019 CBC Reference
Site Class	D	Section 1613.2.2
MCE_R Ground Motion Spectral Response Acceleration – Class B (short), S_S	0.896g	Figure 1613.2.1(1)
MCE_R Ground Motion Spectral Response Acceleration – Class B (1 sec), S_1	0.33g	Figure 1613.2.1(2)
Site Coefficient, F_A	1.141	Table 1613.2.3(1)
Site Coefficient, F_V	1.97*	Table 1613.2.3(2)
Site Class Modified MCE_R Spectral Response Acceleration (short), S_{MS}	1.023g	Section 1613.2.3 (Eqn 16-36)
Site Class Modified MCE_R Spectral Response Acceleration – (1 sec), S_{M1}	0.651g*	Section 1613.2.3 (Eqn 16-37)
5% Damped Design Spectral Response Acceleration (short), S_{DS}	0.682g	Section 1613.2.4 (Eqn 16-38)
5% Damped Design Spectral Response Acceleration (1 sec), S_{D1}	0.434g*	Section 1613.2.4 (Eqn 16-39)

***** Using the code-based values presented in this table, in lieu of a performing a ground motion hazard analysis, requires the exceptions outlined in ASCE 7-16 Section 11.4.8 be followed by the project structural engineer. Per Section 11.4.8 of ASCE/SEI 7-16, a ground motion hazard analysis should be performed for projects for Site Class "E" sites with Ss greater than or equal to 1.0g and for Site Class "D" and "E" sites with S1 greater than 0.2g. Section 11.4.8 also provides exceptions which indicates that the ground motion hazard analysis may be waived provided the exceptions are followed.

8.4.2 Table 8.4.2 presents the mapped maximum considered geometric mean (MCE_G) seismic design parameters for projects located in Seismic Design Categories of D through F in accordance with ASCE 7-16.

TABLE 8.4.2
ASCE 7-16 PEAK GROUND ACCELERATION

Parameter	Value	ASCE 7-16 Reference
Mapped MCE_G Peak Ground Acceleration, PGA	0.387g	Figure 22-7
Site Coefficient, F_{PGA}	1.213	Table 11.8-1
Site Class Modified MCE_G Peak Ground Acceleration, PGA_M	0.47g	Section 11.8.3 (Eqn 11.8-1)

8.4.3 Conformance to the criteria in Tables 8.4.1 and 8.4.2 for seismic design does not constitute any kind of guarantee or assurance that significant structural damage or ground failure will not occur in the event of a large earthquake. The primary goal of seismic design is to protect life, not to avoid all damage, since such design may be economically prohibitive.

8.4.4 The project structural engineer and architect should evaluate the appropriate Risk Category and Seismic Design Category for the planned structures. The values presented herein assume a Risk Category of II and resulting in a Seismic Design Category D. Table 8.4.3 presents a summary of the risk categories in accordance with ASCE 7-16.

TABLE 8.4.3
ASCE 7-16 RISK CATEGORIES

Risk Category	Building Use	Examples
I	Low risk to Human Life at Failure	Barn, Storage Shelter
II	Nominal Risk to Human Life at Failure (Buildings Not Designated as I, III or IV)	Residential, Commercial and Industrial Buildings
III	Substantial Risk to Human Life at Failure	Theaters, Lecture Halls, Dining Halls, Schools, Prisons, Small Healthcare Facilities, Infrastructure Plants, Storage for Explosives/Toxins
IV	Essential Facilities	Hazardous Material Facilities, Hospitals, Fire and Rescue, Emergency Shelters, Police Stations, Power Stations, Aviation Control Facilities, National Defense, Water Storage

8.5 Foundation and Concrete Slabs-On-Grade Recommendations

8.5.1 The foundation recommendations herein are for proposed one- to three-story residential structures. The foundation recommendations have been separated into three categories based on either the maximum and differential fill thickness or Expansion Index. The foundation category criteria are presented in Table 8.5.1.

TABLE 8.5.1
FOUNDATION CATEGORY CRITERIA

Foundation Category	Maximum Fill Thickness, T (Feet)	Differential Fill Thickness, D (Feet)	Expansion Index (EI)
I	$T<20$	--	$EI \leq 50$
II	$20 \leq T<50$	$10 \leq D<20$	$50<EI \leq 90$
III	$T \geq 50$	$D \geq 20$	$90<EI \leq 130$

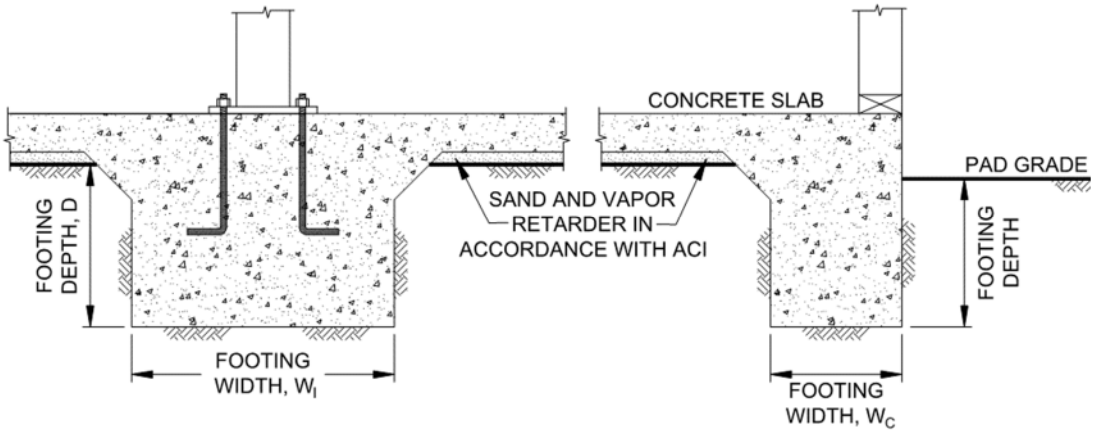
8.5.2 We will provide final foundation categories for each building or lot after finish pad grades have been achieved, the underlying fill-bedrock geometry is evaluated and we perform laboratory testing of the subgrade soil.

8.5.3 Table 8.5.2 presents minimum foundation and interior concrete slab design criteria for conventional foundation systems.

TABLE 8.5.2
CONVENTIONAL FOUNDATION RECOMMENDATIONS BY CATEGORY

Foundation Category	Minimum Footing Embedment Depth, D (inches)	Minimum Continuous Footing Reinforcement	Minimum Footing Width (Inches)
I	12	Two No. 4 bars, one top and one bottom	12 – Continuous, W_C 24 – Isolated, W_I
II	18	Four No. 4 bars, two top and two bottom	
III	24	Four No. 5 bars, two top and two bottom	

8.5.4 The foundations should be embedded in accordance with the recommendations herein and the Wall/Column Footing Dimension Detail. The embedment depths should be measured from the lowest adjacent pad grade for both interior and exterior footings. Footings should be deepened such that the bottom outside edge of the footing is at least 7 feet horizontally from the face of the slope (unless designed with a post-tensioned foundation system as discussed herein).



Wall/Column Footing Dimension Detail

8.5.5 The proposed structures can be supported on a shallow foundation system founded in the compacted fill/formational materials. Table 8.5.3 provides a summary of the foundation design recommendations.

TABLE 8.5.3
SUMMARY OF FOUNDATION RECOMMENDATIONS

Parameter	Value
Allowable Bearing Capacity	2,000 psf
Bearing Capacity Increase	500 psf per Foot of Depth
	300 psf per Foot of Width
Maximum Allowable Bearing Capacity	4,000 psf
Estimated Total Static Settlement*	1 Inch
Estimated Differential Static Settlement*	½ Inch in 40 Feet

8.5.6 The bearing capacity values presented herein are for dead plus live loads and may be increased by one-third when considering transient loads due to wind or seismic forces.

8.5.7 The concrete slab-on-grades should be a designed in accordance with Table 8.5.4.

TABLE 8.5.4
CONVENTIONAL SLAB-ON-GRADE RECOMMENDATIONS BY CATEGORY

Foundation Category	Minimum Concrete Slab Thickness (inches)	Interior Slab Reinforcement	Typical Slab Underlayment
I	4	6 x 6 - 10/10 welded wire mesh at slab mid-point	3 to 4 Inches of Sand/Gravel/Base
II	4	No. 3 bars at 24 inches on center, both directions	
III	5	No. 3 bars at 18 inches on center, both directions	

8.5.8 Slabs that may receive moisture-sensitive floor coverings or may be used to store moisture-sensitive materials should be underlain by a vapor retarder. The vapor retarder design should be consistent with the guidelines presented in the American Concrete Institute's (ACI) *Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials* (ACI 302.2R-06). The vapor retarder used should be specified by the project architect or developer based on the type of floor covering that will be installed and if the structure will possess a humidity controlled environment.

8.5.9 The bedding sand thickness should be determined by the project foundation engineer, architect, and/or developer. However, we should be contacted to provide recommendations if the bedding sand is thicker than 6 inches. It is common to see 3 inches and 4 inches of sand

below the concrete slab-on-grade for 5-inch and 4-inch thick slabs, respectively, in the southern California area. The foundation design engineer should provide appropriate concrete mix design criteria and curing measures to assure proper curing of the slab by reducing the potential for rapid moisture loss and subsequent cracking and/or slab curl. We suggest that the foundation design engineer present the concrete mix design and proper curing methods on the foundation plans. It is critical that the foundation contractor understands and follows the recommendations presented on the foundation plans.

8.5.10 As an alternative to the conventional foundation recommendations, consideration should be given to the use of post-tensioned concrete slab and foundation systems for the support of the proposed structures. The post-tensioned systems (foundation dimensions and embedment depths, slab thickness and steel placement) should be designed by a structural engineer experienced in post-tensioned slab design and design criteria of the Post-Tensioning Institute (PTI) DC 10.5-12 *Standard Requirements for Design and Analysis of Shallow Post-Tensioned Concrete Foundations on Expansive Soils* or *WRI/CRSI Design of Slab-on-Ground Foundations*, as required by the 2019 California Building Code (CBC Section 1808.6.2). Although this procedure was developed for expansive soil conditions, it can also be used to reduce the potential for foundation distress due to differential fill settlement. The post-tensioned design should incorporate the geotechnical parameters presented in Table 8.5.5 for the particular Foundation Category designated. The parameters presented in Table 8.5.5 are based on the guidelines presented in the PTI DC 10.5 design manual.

TABLE 8.5.5
POST-TENSIONED FOUNDATION SYSTEM DESIGN PARAMETERS

Post-Tensioning Institute (PTI) DC10.5 Design Parameters	Foundation Category		
	I	II	III
Thornthwaite Index	-20	-20	-20
Equilibrium Suction	3.9	3.9	3.9
Edge Lift Moisture Variation Distance, e_M (Feet)	5.3	5.1	4.9
Edge Lift, y_M (Inches)	0.61	1.10	1.58
Center Lift Moisture Variation Distance, e_M (Feet)	9.0	9.0	9.0
Center Lift, y_M (Inches)	0.30	0.47	0.66

8.5.11 The foundations for the post-tensioned slabs should be embedded in accordance with the recommendations of the structural engineer. If a post-tensioned mat foundation system is planned, the slab should possess a thickened edge with a minimum width of 12 inches and extend below the clean sand or crushed rock layer.

8.5.12 If the structural engineer proposes a post-tensioned foundation design method other than PTI, DC 10.5:

- The deflection criteria presented in Table 8.5.5 are still applicable.
- Interior stiffener beams should be used for Foundation Categories II and III.
- The width of the perimeter foundations should be at least 12 inches.
- The perimeter footing embedment depths should be at least 12 inches, 18 inches and 24 inches for foundation categories I, II, and III, respectively. The embedment depths should be measured from the lowest adjacent pad grade.

8.5.13 Foundation systems for the lots that possess a foundation Category I and a "very low" expansion potential (expansion index of 20 or less) can be designed using the method described in Section 1808 of the 2019 CBC. If post-tensioned foundations are planned, an alternative, commonly accepted design method (other than PTI, DC 10.5) can be used. However, the post-tensioned foundation system should be designed with a total and differential deflection of 1 inch. Geocon Incorporated should be contacted to review the plans and provide additional information, if necessary.

8.5.14 If an alternate design method is contemplated, Geocon Incorporated should be contacted to evaluate if additional expansion index testing should be performed to identify the lots that possess a "very low" expansion potential (expansion index of 20 or less).

8.5.15 Our experience indicates post-tensioned slabs may be susceptible to excessive edge lift from tensioning, regardless of the underlying soil conditions. Placing reinforcing steel at the bottom of the perimeter footings and the interior stiffener beams may mitigate this potential. The structural engineer should design the foundation system to reduce the potential of edge lift occurring for the proposed structures.

8.5.16 During the construction of the post-tension foundation system, the concrete should be placed monolithically. Under no circumstances should cold joints form between the footings/grade beams and the slab during the construction of the post-tension foundation system unless designed by the structural engineer.

8.5.17 Isolated footings outside of the slab area, if present, should have the minimum embedment depth and width recommended for conventional foundations for a particular Foundation Category. The use of isolated footings, which are located beyond the perimeter of the building and support structural elements connected to the building, are not recommended for Category III. Where this condition cannot be avoided, the isolated footings should be connected to the building foundation system with grade beams in both directions. In addition, consideration

should be given to connecting patio slabs, which exceed 5 feet in width, to the building foundation to reduce the potential for future separation to occur.

8.5.18 Interior stiffening beams should be incorporated into the design of the foundation system in accordance with the PTI design procedures.

8.5.19 Special subgrade presaturation is not deemed necessary prior to placing concrete; however, the exposed foundation and slab subgrade soil should be moisture conditioned, as necessary, to maintain a moist condition as would be expected in any such concrete placement.

8.5.20 Where buildings or other improvements are planned near the top of a slope 3:1 (horizontal:vertical) or steeper, special foundation and/or design considerations are recommended due to the tendency for lateral soil movement to occur.

- For fill slopes less than 20 feet high or cut slopes regardless of height, footings should be deepened such that the bottom outside edge of the footing is at least 7 feet horizontally from the face of the slope.
- When located next to a descending 3:1 (horizontal:vertical) fill slope or steeper, the foundations should be extended to a depth where the minimum horizontal distance is equal to H/3 (where H equals the vertical distance from the top of the fill slope to the base of the fill soil) with a minimum of 7 feet but need not exceed 40 feet. The horizontal distance is measured from the outer, deepest edge of the footing to the face of the slope. A post-tensioned slab and foundation system or mat foundation system can be used to reduce the potential for distress in the structures associated with strain softening and lateral fill extension. Specific design parameters or recommendations for either of these alternatives can be provided once the building location and fill slope geometry have been determined.
- If swimming pools are planned, Geocon Incorporated should be contacted for a review of specific site conditions.
- Swimming pools located within 7 feet of the top of cut or fill slopes are not recommended. Where such a condition cannot be avoided, the portion of the swimming pool wall within 7 feet of the slope face be designed assuming that the adjacent soil provides no lateral support. This recommendation applies to fill slopes up to 30 feet in height, and cut slopes regardless of height. For swimming pools located near the top of fill slopes greater than 30 feet in height, additional recommendations may be required and Geocon Incorporated should be contacted for a review of specific site conditions.
- Although other improvements, which are relatively rigid or brittle, such as concrete flatwork or masonry walls, may experience some distress if located near the top of a slope, it is generally not economical to mitigate this potential. It may be possible, however, to incorporate design measures which would permit some lateral soil movement without causing extensive distress. Geocon Incorporated should be consulted for specific recommendations.

8.5.21 The recommendations of this report are intended to reduce the potential for cracking of slabs and foundations due to expansive soil (if present), differential settlement of fill soil with

varying thicknesses. However, even with the incorporation of the recommendations presented herein, foundations, stucco walls, and slabs-on-grade placed on such conditions may still exhibit some cracking due to soil movement and/or shrinkage. The occurrence of concrete shrinkage cracks is independent of the supporting soil characteristics. Their occurrence may be reduced by limiting the slump of the concrete, proper concrete placement and curing, and by the placement of crack control joints at periodic intervals, in particular, where re-entrant slab corners occur.

8.5.22 Concrete slabs should be provided with adequate crack-control joints, construction joints and/or expansion joints to reduce unsightly shrinkage cracking. The design of joints should consider criteria of the American Concrete Institute when establishing crack-control spacing. Additional steel reinforcing, concrete admixtures and/or closer crack control joint spacing should be considered where concrete-exposed finished floors are planned.

8.5.23 Geocon Incorporated should be consulted to provide additional design parameters as required by the structural engineer.

8.5.24 We should observe the foundation excavations prior to the placement of reinforcing steel to check that the exposed soil conditions are similar to those expected and that they have been extended to the appropriate bearing strata. If unexpected soil conditions are encountered, foundation modifications may be required.

8.6 Concrete Flatwork

8.6.1 The following recommendations apply to exterior concrete flatwork where near surface soils are low to medium expansive (EI less than 90). Exterior slabs not subjected to vehicular traffic should be a minimum of 4 inches thick and reinforced with 6 x 6-6/6 welded wire mesh or No. 3 rebar spaced at 24 inches on center in both directions. The mesh should be placed in the middle of the slab. Proper mesh positioning is critical to future performance of the slabs. The contractor should take extra measures to provide proper mesh placement. Prior to construction of slabs, the upper 12 inches of subgrade soils should be moisture conditioned at or slightly above optimum moisture content and compacted to at least 90 percent of the laboratory maximum dry density per ASTM 1557.

8.6.2 Where highly expansive soils (EI greater than 90) are present near finish grade, the following recommendations apply. Exterior slabs should be at least 5 inches thick and reinforced with No. 3 steel bars spaced 18 inches on center each direction positioned at the slab midpoint. Driveways should be constructed with a 6-inch deep slab edge (measured from the bottom of the slab). Slabs should be doweled to the building foundation where they abut the stem wall.

Sidewalks should be doweled to the curbs. Prior to construction of slabs, the upper 12 inches of subgrade soils should scarified and moisture conditioned to **a minimum of 3% above optimum moisture content** just prior to placing the concrete. Moisture conditioning should be observed and checked by a representative of Geocon Incorporated.

8.6.3 Consideration should be given to adding concrete cut-off walls beneath exterior flatwork supported by highly expansive soils (EI greater than 90). The cut-off walls are recommended where any water (e.g. landscape) may migrate laterally beneath the flatwork and cause adverse soil movement. The cut-off walls should be located along the perimeter of the concrete slab adjacent to landscaping areas and extend at least 6-inches into the soil subgrade.

8.6.4 Concrete flatwork should be provided with crack control joints to reduce and/or control shrinkage cracking. Crack control spacing should be determined by the project structural engineer based upon the slab thickness and intended usage. Criteria of the American Concrete Institute (ACI) should be taken into consideration when establishing crack control spacing. A 4-inch-thick slab should have a maximum joint spacing of 10 feet. Subgrade soil for exterior slabs not subjected to vehicle loads should be compacted in accordance with criteria presented above prior to concrete placement. Subgrade soil should be properly compacted and the moisture content of subgrade soil should be checked prior to placing concrete.

8.6.5 The recommendations of this report are intended to reduce the potential for cracking of slabs due to expansive soil (if present), differential settlement of existing soil or soil with varying thicknesses. However, even with the incorporation of the recommendations presented herein, foundations, stucco walls, and slabs-on-grade placed on such conditions may still exhibit some cracking due to soil movement and/or shrinkage. Periotic maintenance such as slab replacement and/or grinding of elevated slab margins may be necessary due to the highly expansive soils. The occurrence of concrete shrinkage cracks is independent of the supporting soil characteristics. Their occurrence may be reduced and/or controlled by limiting the slump of the concrete, proper concrete placement and curing, and by the placement of crack control joints at periodic intervals, in particular, where re-entrant slab corners occur.

8.7 Preliminary Pavement Recommendations

8.7.1 We calculated the preliminary flexible pavement sections in general conformance with the *Caltrans Method of Flexible Pavement Design* (Highway Design Manual, Section 608.4) using an estimated Traffic Index (TI) of 4.5, 5.0, 6.0, and 7.0 for parking stalls, driveways, medium truck traffic areas, and heavy truck traffic areas, respectively. The project civil engineer and owner should review the pavement designations to determine appropriate locations for pavement thickness. The final pavement sections for the driveways and parking areas should be based on the R-Value of the subgrade soil encountered at final subgrade

elevation. We have assumed an R-Value of 5 and 78 for the subgrade soil and base materials, respectively, for the purposes of this preliminary analysis. Table 8.7.1 presents the preliminary flexible pavement sections.

TABLE 8.7.1
PRELIMINARY FLEXIBLE PAVEMENT SECTION

Location	Assumed Traffic Index	Assumed Subgrade R-Value	Asphalt Concrete (inches)	Class 2 Aggregate Base (inches)
Parking stalls for automobiles and light-duty vehicles	4.5	20	3	8
Driveways for automobiles and light-duty vehicles	5.0	20	3	10
Medium truck traffic areas	6.0	20	3.5	15
Driveways for heavy truck traffic	7.0	20	4	16

8.7.2 Prior to placing base materials, the upper 12 inches of the subgrade soil should be scarified, moisture conditioned as necessary, and compacted to a dry density of at least 95 percent of the laboratory maximum dry density near to slightly above optimum moisture content as determined by ASTM D 1557. Similarly, the base material should be compacted to a dry density of at least 95 percent of the laboratory maximum dry density near to slightly above optimum moisture content. Asphalt concrete should be compacted to a density of at least 95 percent of the laboratory Hveem density in accordance with ASTM D 2726.

8.7.3 Base materials should conform to Section 26-1.02A of the *Standard Specifications for The State of California Department of Transportation (Caltrans)* with a ¾-inch maximum size aggregate. The asphalt concrete should conform to Section 203-6 of the *Standard Specifications for Public Works Construction (Greenbook).*

8.7.4 A rigid Portland cement concrete (PCC) pavement section should be placed in driveway entrance aprons and trash bin loading/storage areas. The concrete pad for trash truck areas should be large enough such that the truck wheels will be positioned on the concrete during loading. We calculated the rigid pavement section in general conformance with the procedure recommended by the American Concrete Institute report ACI 330R-08 *Guide for Design and Construction of Concrete Parking Lots* using the parameters presented in Table 8.7.2.

TABLE 8.7.2
RIGID PAVEMENT DESIGN PARAMETERS

Design Parameter	Design Value
Modulus of subgrade reaction, k	50 pci
Modulus of rupture for concrete, M_R	500 psi
Traffic Category, TC	A and C
Average daily truck traffic, ADTT	10 and 100

8.7.5 Based on the criteria presented herein, the PCC pavement sections should have a minimum thickness as presented in Table 8.7.3.

TABLE 8.7.3
RIGID PAVEMENT RECOMMENDATIONS

Location	Portland Cement Concrete (inches)
Automobile Parking Areas (TC=A)	6.0
Heavy Truck and Fire Lane Areas (TC=C)	7.5

8.7.6 The PCC pavement should be placed over subgrade soil that is compacted to a dry density of at least 95 percent of the laboratory maximum dry density near to slightly above optimum moisture content. This pavement section is based on a minimum concrete compressive strength of approximately 3,000 psi (pounds per square inch).

8.7.7 A thickened edge or integral curb should be constructed on the outside of concrete slabs subjected to wheel loads. The thickened edge should be 1.2 times the slab thickness or a minimum thickness of 2 inches, whichever results in a thicker edge, and taper back to the recommended slab thickness 4 feet behind the face of the slab (e.g., a 7-inch-thick slab would have a 9-inch-thick edge). Reinforcing steel should consist of No. 3 steel bars spaced at 24 inches on center, both directions.

8.7.8 To control the location and spread of concrete shrinkage cracks, crack-control joints (weakened plane joints) should be included in the design of the concrete pavement slab. Crack-control joints should not exceed 30 times the slab thickness with a maximum spacing of 12.5 feet and 15 feet for the 5.5- and 7-inch-thick slabs, respectively, and should be sealed with an appropriate sealant to prevent the migration of water through the control joint to the subgrade materials. The depth of the crack-control joints should be determined by the referenced ACI report.

8.7.9 Concrete curb/gutter should be placed on soil subgrade compacted to a dry density of at least 90 percent of the laboratory maximum dry density near to slightly above optimum moisture content. Cross-gutters should be placed on subgrade soil compacted to a dry density of at least 95 percent of the laboratory maximum dry density near to slightly above optimum moisture content. Base materials should not be placed below the curb/gutter, cross-gutters, or sidewalk so water is not able to migrate from the adjacent parkways to the pavement sections. Where flatwork is located directly adjacent to the curb/gutter, consideration may be given to structurally connecting the concrete flatwork to the curbs to help reduce the potential for offsets between the curbs and the flatwork if differential settlement occurs.

8.8 Conventional Retaining Walls

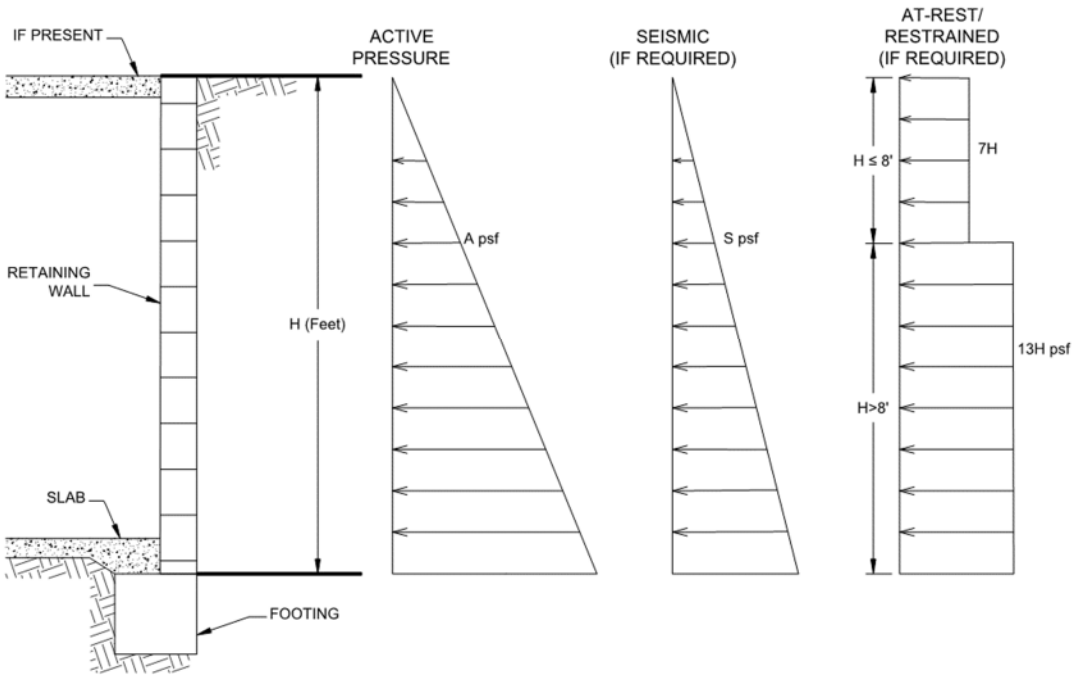
8.8.1 Retaining walls should be designed using the values presented in Table 8.8.1. Soil with an expansion index (EI) of greater than 50 should not be used as backfill material behind retaining walls.

TABLE 8.8.1
RETAINING WALL DESIGN RECOMMENDATIONS

Parameter	ValueP
Active Soil Pressure, A (Fluid Density, Level Backfill)	35 pcf
Active Soil Pressure, A (Fluid Density, 2:1 Sloping Backfill)	50 pcf
Seismic Pressure, S	16H psf
At-Rest/Restrained Walls Additional Uniform Pressure (0 to 8 Feet High)	8H psf
At-Rest/Restrained Walls Additional Uniform Pressure (8+ Feet High)	12H psf
Expected Expansion Index for the Subject Property	EI≤50

H equals the height of the retaining portion of the wall

8.8.2 The project retaining walls should be designed as shown in the Retaining Wall Loading Diagram.



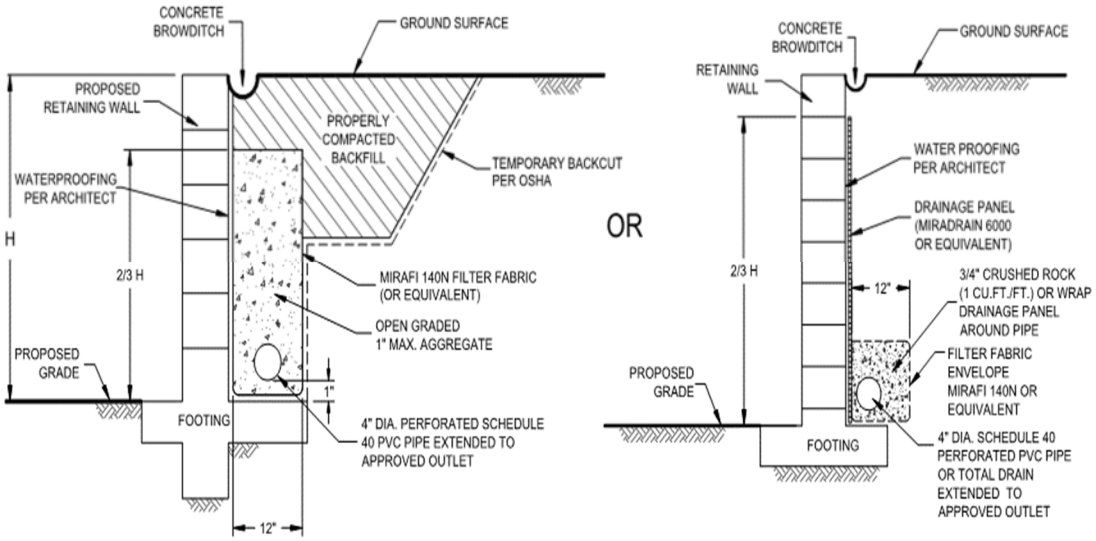
Retaining Wall Loading Diagram

8.8.3 Unrestrained walls are those that are allowed to rotate more than 0.001H (where H equals the height of the retaining portion of the wall) at the top of the wall. Where walls are restrained from movement at the top (at-rest condition), an additional uniform pressure should be applied to the wall. For retaining walls subject to vehicular loads within a horizontal distance equal to two-thirds the wall height, a surcharge equivalent to 2 feet of fill soil should be added.

8.8.4 The structural engineer should determine the Seismic Design Category for the project in accordance with Section 1613.3.5 of the 2019 CBC or Section 11.6 of ASCE 7-16. For structures assigned to Seismic Design Category of D, E, or F, retaining walls that support more than 6 feet of backfill should be designed with seismic lateral pressure in accordance with Section 1803.5.12 of the 2019 CBC. The seismic load is dependent on the retained height where H is the height of the wall, in feet, and the calculated loads result in pounds per square foot (psf) exerted at the base of the wall and zero at the top of the wall.

8.8.5 Retaining walls should be designed to ensure stability against overturning sliding, and excessive foundation pressure. Where a keyway is extended below the wall base with the intent to engage passive pressure and enhance sliding stability, it is not necessary to consider active pressure on the keyway.

8.8.6 Drainage openings through the base of the wall (weep holes) should not be used where the seepage could be a nuisance or otherwise adversely affect the property adjacent to the base of the wall. The recommendations herein assume a properly compacted granular (EI of 90 or less) free draining backfill material with no hydrostatic forces or imposed surcharge load. The retaining wall should be properly drained as shown in the Typical Retaining Wall Drainage Detail. If conditions different than those described are expected, or if specific drainage details are desired, Geocon Incorporated should be contacted for additional recommendations.



Typical Retaining Wall Drainage Detail

8.8.7 The retaining walls may be designed using either the active and restrained (at-rest) loading condition or the active and seismic loading condition as suggested by the structural engineer. Typically, it appears the design of the restrained condition for retaining wall loading may be adequate for the seismic design of the retaining walls. However, the active earth pressure combined with the seismic design load should be reviewed and also considered in the design of the retaining walls.

8.8.8 In general, wall foundations should be designed in accordance with Table 8.8.2. The proximity of the foundation to the top of a slope steeper than 3:1 could impact the allowable soil bearing pressure. Therefore, retaining wall foundations should be deepened such that the bottom outside edge of the footing is at least 7 feet horizontally from the face of the slope.

TABLE 8.8.2
SUMMARY OF RETAINING WALL FOUNDATION RECOMMENDATIONS

Parameter	Value
Minimum Retaining Wall Foundation Width	12 inches
Minimum Retaining Wall Foundation Depth	12 Inches
Minimum Steel Reinforcement	Per Structural Engineer
Allowable Bearing Capacity	2,000 psf
Bearing Capacity Increase	500 psf per Foot of Depth
	300 psf per Foot of Width
Maximum Allowable Bearing Capacity	4,000 psf
Estimated Total Static Settlement*	1 Inch
Estimated Differential Static Settlement*	½ Inch in 40 Feet

8.8.9 The recommendations presented herein are generally applicable to the design of rigid concrete or masonry retaining walls. In the event that other types of walls (such as mechanically stabilized earth [MSE] walls) are planned, Geocon Incorporated should be consulted for additional recommendations.

8.8.10 Unrestrained walls will move laterally when backfilled and loading is applied. The amount of lateral deflection is dependent on the wall height, the type of soil used for backfill, and loads acting on the wall. The retaining walls and improvements above the retaining walls should be designed to incorporate an appropriate amount of lateral deflection as determined by the structural engineer.

8.8.11 Soil contemplated for use as retaining wall backfill, including import materials, should be identified in the field prior to backfill. At that time, Geocon Incorporated should obtain samples for laboratory testing to evaluate its suitability. Modified lateral earth pressures may be necessary if the backfill soil does not meet the required expansion index or shear strength. City or regional standard wall designs, if used, are based on a specific active lateral earth pressure and/or soil friction angle. In this regard, on-site soil to be used as backfill may or may not meet the values for standard wall designs. Geocon Incorporated should be consulted to assess the suitability of the on-site soil for use as wall backfill if standard wall designs will be used.

8.9 Lateral Loading

8.9.1 Table 8.9 should be used to help design the proposed structures and improvements to resist lateral loads for the design of footings or shear keys. The allowable passive pressure assumes

a horizontal surface extending at least 5 feet, or three times the surface generating the passive pressure, whichever is greater. The upper 12 inches of material in areas not protected by floor slabs or pavement should not be included in design for passive resistance.

TABLE 8.9
SUMMARY OF LATERAL LOAD DESIGN RECOMMENDATIONS

Parameter	Value
Passive Pressure Fluid Density	300 pcf
Coefficient of Friction (Concrete and Soil)	0.35
Coefficient of Friction (Along Vapor Barrier)	0.2 to 0.25*

*Per manufacturer's recommendations.

8.9.2 The passive and frictional resistant loads can be combined for design purposes. The lateral passive pressures may be increased by one-third when considering transient loads due to wind or seismic forces.

8.10 Site Drainage and Moisture Protection

8.10.1 Adequate site drainage is critical to reduce the potential for differential soil movement, erosion, and subsurface seepage. Under no circumstances should water be allowed to pond adjacent to footings. The site should be graded and maintained such that surface drainage is directed away from structures in accordance with 2019 CBC 1804.3 or other applicable standards. In addition, surface drainage should be directed away from the top of slopes into swales or other controlled drainage devices. Roof and pavement drainage should be directed into conduits that carry runoff away from the proposed structure.

8.10.2 Underground utilities should be leak free. Utility and irrigation lines should be checked periodically for leaks, and detected leaks should be repaired promptly. Detrimental soil movement could occur if water is allowed to infiltrate the soil for prolonged periods of time.

8.11 Grading and Foundation Plan Review

8.11.1 Geocon Incorporated should review the grading and foundation plans for the project prior to final design submittal to determine if additional analysis and/or recommendations are required.

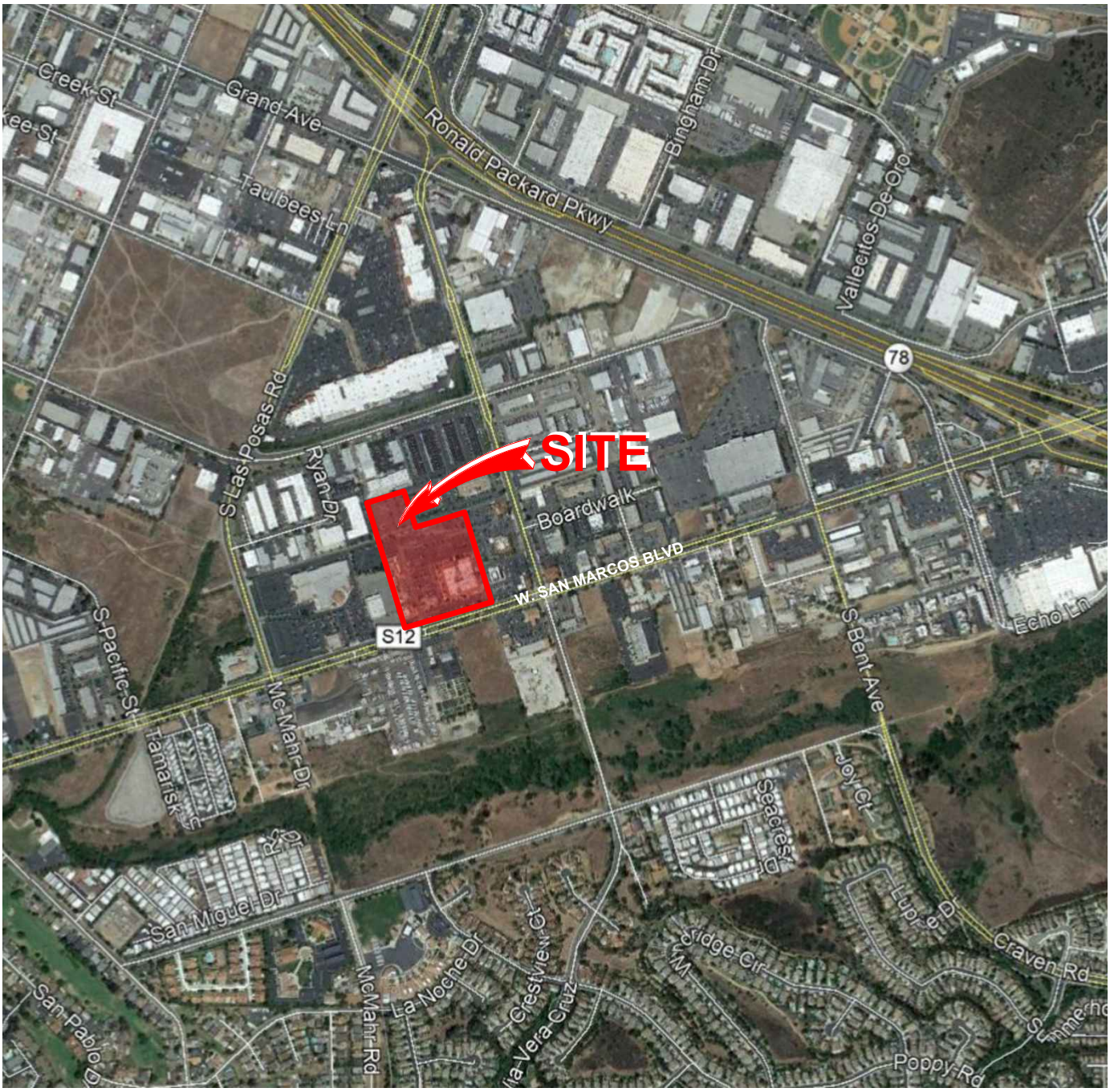
LIMITATIONS AND UNIFORMITY OF CONDITIONS

1. The firm that performed the geotechnical investigation for the project should be retained to provide testing and observation services during construction to provide continuity of geotechnical interpretation and to check that the recommendations presented for geotechnical aspects of site development are incorporated during site grading, construction of improvements, and excavation of foundations. If another geotechnical firm is selected to perform the testing and observation services during construction operations, that firm should prepare a letter indicating their intent to assume the responsibilities of project geotechnical engineer of record. A copy of the letter should be provided to the regulatory agency for their records. In addition, that firm should provide revised recommendations concerning the geotechnical aspects of the proposed development, or a written acknowledgement of their concurrence with the recommendations presented in our report. They should also perform additional analyses deemed necessary to assume the role of Geotechnical Engineer of Record.

2. The recommendations of this report pertain only to the site investigated and are based upon the assumption that the soil conditions do not deviate from those disclosed in the investigation. If any variations or undesirable conditions are encountered during construction, or if the proposed construction will differ from that anticipated herein, Geocon Incorporated should be notified so that supplemental recommendations can be given. The evaluation or identification of the potential presence of hazardous or corrosive materials was not part of the scope of services provided by Geocon Incorporated.

3. This report is issued with the understanding that it is the responsibility of the owner, or of his representative, to ensure that the information and recommendations contained herein are brought to the attention of the architect and engineer for the project and incorporated into the plans, and that the necessary steps are taken to see that the contractor and subcontractors carry out such recommendations in the field.

4. The findings of this report are valid as of the present date. However, changes in the conditions of a property can occur with the passage of time, whether they are due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control. Therefore, this report is subject to review and should not be relied upon after a period of three years.



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N

NO SCALE

VICINITY MAP

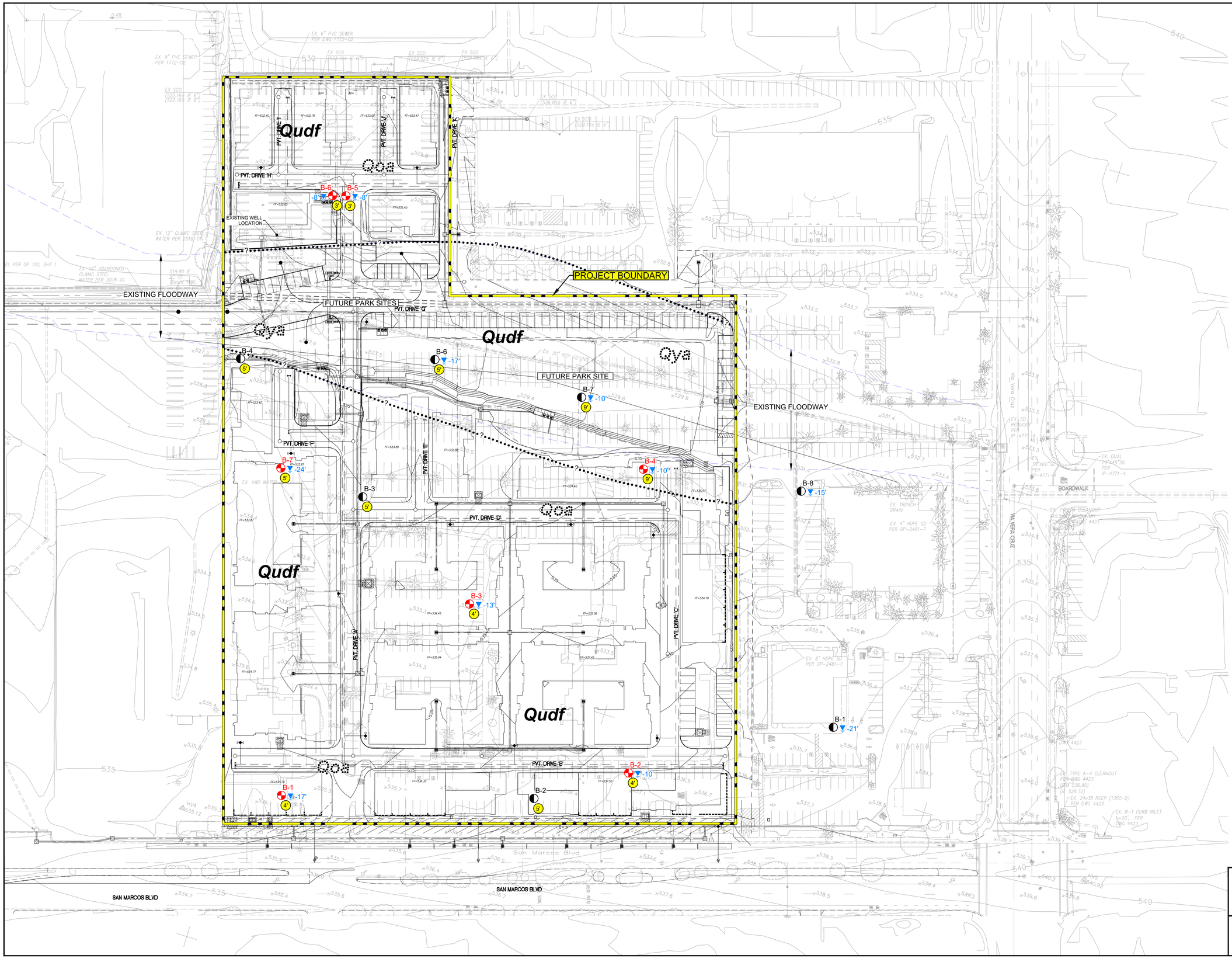
GEOCON INCORPORATED
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974
PHONE 858 558-6900 - FAX 858 558-6159

SAN MARCOS RESTAURANT ROW
SAN MARCOS, CALIFORNIA

TR / CW		DSK/GTYPD

DATE 12 - 22 - 2022	PROJECT NO. G2487 - 32 - 03	FIG. 1

Plotted:12/22/2022 8:53AM | By:JONATHAN WILKINS | File Location:Y:\PROJECTS\G2487-32-03 Restaurant Row\DETAILS\G2487-42-03 VicinityMap.dwg



GEOCON LEGEND

- **Qudf** ..... UNDOCUMENTED FILL
- **Qya** ..... YOUNGER ALLUVIUM (Dotted Where Buried)
- **Qoa** ..... OLDER ALLUVIUM (Dotted Where Buried)
- B-7 ..... RECENT EXPLORATORY BORING BY GEOCON (Nov. 2022)
- B-8 ..... PREVIOUS EXPLORATORY BORING BY LEIGHTON (Nov. 2014)
- -17' ..... APPROX. DEPTH TO GROUNDWATER (In Feet)
- (5) ..... APPROX. THICKNESS OF SURFICIAL DEPOSITS REQUIRING REMEDIAL GRADING (In Feet)
- ..... APPROX. LOCATION OF GEOLOGIC CONTACT (Dotted Where Buried; Queried Where Uncertain)

GEOLOGIC MAP

SAN MARCOS RESTAURANT ROW
SAN MARCOS, CALIFORNIA

GEOCON INCORPORATED
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS
6960 FLANDERS DRIVE - SAN DIEGO, CALIFORNIA 92121 - 2974
PHONE 858 558-6900 - FAX 858 558-6159

SCALE	1" = 50'	DATE	12 - 22 - 2022
PROJECT NO.	G2487 - 32 - 03	FIGURE	2
SHEET	1 OF 1		

Plotted:12/22/2022 9:05AM | By:JONATHAN WILKINS | File Location:Y:\PROJECTS\G2487-32-03 Restaurant Row\SHEETS\G2487-32-03_GeologicMap.dwg

APPENDIX A

APPENDIX A

FIELD INVESTIGATION

The field investigation was performed on November 7 and 11, 2022, and consisted of a site reconnaissance and the excavation of seven hollow-stem borings (B-1 through B-7). The approximate locations of the borings are shown on the *Geologic Map*, Figure 2, including the previous borings performed by Leighton, except Boring B-5 which was missing from their report.

The borings were performed by North County Drilling and were advanced to a maximum depth of 41 feet below existing grade using an Ingersoll Rand A-300 drill rig equipped with 6-inch hollow-stem augers. Relatively undisturbed samples were obtained by driving a California split-spoon (CAL) split-tube sampler into the "undisturbed" soil mass. The CAL sampler was equipped with 1-inch by 2⅜-inch, brass sampler rings to facilitate removal and testing. Logs of the borings depicting the soil and geologic conditions encountered and the depth at which samples were obtained are presented on Figures A-1 through A-7. Leighton's boring logs follow Figure A-7.

The soils encountered in the excavations were visually classified and logged in general accordance with American Society for Testing and Materials (ASTM) practice for Description and Identification of Soils (Visual Manual Procedure D 2488).

PROJECT NO. G2487-32-03

BORING B 1

ELEV. (MSL.) **536'** DATE COMPLETED **11-07-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0					2-inches asphalt concrete over 4-inches of decomposed granite (DG)			
2	B1-1			SC	**UNDOCUMENTED FILL (Qudf)** Medium dense, moist, reddish-brown, Clayey, fine to coarse SAND			
4				SC	**OLDER ALLUVIUM (Qoa)**			
6	B1-2				Medium dense, moist, reddish-brown, Clayey, fine to coarse SAND	35	121.3	14.6
8								
10	B1-3					91/11"	116.9	15.0
12				SM	Dense, moist, reddish-brown to brown, Silty/Clayey, fine to medium SAND			
14				ML	Hard, moist, orangish and yellowish-brown, Sandy SILT with clay			
16	B1-4		▼		-Groundwater at 17 feet	70	102.2	22.1
18	B1-7							
20	B1-5			SM	Very dense, wet, orange, fine, Silty SAND	81/10"	107.8	19.7
22					-Becomes fine to coarse SAND			
24				ML	Hard, wet, dark gray, Clayey SILT			
26	B1-6					50/5"	97.0	24.4
					TOTAL DEPTH AT 26 FEET Groundwater encountered at 17 feet			

Figure A-1,
Log of Boring B 1, Page 1 of 1

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ▼ ... WATER TABLE OR ▽ ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

BORING B 2

ELEV. (MSL.) **537'** DATE COMPLETED **11-07-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0			4-inches asphalt concrete over 2-inches of decomposed granite (DG)			
2		CL	**UNDOCUMENTED FILL (Qudf)** Soft, very moist, reddish-brown CLAY			
4		CL	**OLDER ALLUVIUM (Qoa)**			
6	B2-1		Hard, moist, reddish-brown CLAY	53	117.7	15.8
8						
10	B2-2		-Groundwater at 10 feet	62	105.0	22.5
12	B2-3					
14		SC	Medium dense, wet, reddish-brown and gray, Clayey, fine to medium SAND			
16	B2-4			28	105.9	20.5
18						
20	B2-5			70	114.9	16.4
22		GC	Very dense, wet, Clayey GRAVEL			
24		ML	Hard, wet, orange, white and gray, Clayey SILT with fine to coarse sand			
26	B2-6			75/11"	113.5	18.1
28						

G2487-32-03.GPJ

Figure A-2,
Log of Boring B 2, Page 1 of 2

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	**BORING B 2** ELEV. (MSL.) **537'** DATE COMPLETED **11-07-2022** EQUIPMENT **IR A-300** BY: **T. MYERS**	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					MATERIAL DESCRIPTION			
30	B2-7			ML	-Becomes stiff and dark gray	33	97.7	26.4
					TOTAL DEPTH AT 31 FEET Groundwater encountered at 10 feet			

Figure A-2,
Log of Boring B 2, Page 2 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

BORING B 3

ELEV. (MSL.) **533'** DATE COMPLETED **11-07-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0			4-inches asphalt concrete over 7-inches of decomposed granite (DG)			
2		CL	**UNDOCUMENTED FILL (Qudf)** Soft, moist, dark gray, Sandy CLAY			
4		ML	**OLDER ALLUVIUM (Qoa)**			
6	B3-1		Hard, damp, dark brown, Sandy SILT with clay	92/9"	109.3	16.2
8		SM	Dense, moist, dark yellowish-brown, Silty, fine to coarse SAND			
10	B3-2			41	109.8	29.6
12			-Groundwater encountered at 13 feet			
14		ML	Stiff, wet, orange, white, gray, Clayey SILT			
16	B3-3			23	95.5	28.1
18						
20	B3-4		-Becomes very stiff and dark gray at 20 feet	47	91.2	29.8
22						
24		CL	Hard, wet, yellowish-brown, Silty CLAY			
26	B3-5			50/5"	93.6	29.3
28		SM	Very dense, wet, dark gray, Silty, fine to coarse SAND			

Figure A-3,
Log of Boring B 3, Page 1 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	**BORING B 3** ELEV. (MSL.) **533'** DATE COMPLETED **11-07-2022** EQUIPMENT **IR A-300** BY: **T. MYERS** MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
30	B3-6			SM		50/5"	107.5	19.4
32								
34								
36	B3-7					50/4"	100.6	21.9
38								
40	B3-8					50/3"	108.0	18.8
					TOTAL DEPTH AT 41 FEET Groundwater encountered at 13 feet			

Figure A-3,
Log of Boring B 3, Page 2 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

BORING B 4

ELEV. (MSL.) **531'** DATE COMPLETED **11-07-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0					2-inches asphalt concrete over 5-inches of decomposed granite (DG)			
2				SM	**UNDOCUMENTED FILL (Qudf)** Medium dense, damp, grayish-brown, Silty, fine to coarse SAND			
4				CL	**YOUNG ALLUVIUM (Qya)** Stiff, very moist to wet, dark gray, Sandy CLAY			
6	B4-1					15	103.7	22.9
8	B4-2							
10	B4-3		▼	SM	**OLDER ALLUVIUM (Qoa)** Medium dense, wet, light brown, Silty, fine to coarse SAND -Groundwater encountered at 10 feet	23	120.5	15.5
12								
14								
16	B4-4				-Becomes dense and orange white at 15 feet	70	111.8	16.7
18								
20	B4-5				-Becomes yellowish brown and white at 20 feet	76	108.7	18.9
22				ML	Very stiff, wet, dark gray, Sandy SILT			
24				SM	Very dense, wet, yellowish-brown, Silty, fine to coarse SAND			
26	B4-6					50/5"	112.6	19.6
28								

Figure A-4,
Log of Boring B 4, Page 1 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ▼ ... WATER TABLE OR ▽ ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	**BORING B 4** ELEV. (MSL.) **531'** DATE COMPLETED **11-07-2022** EQUIPMENT **IR A-300** BY: **T. MYERS** MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
30	B4-7			SM	-Becomes gray at 30 feet	50/4"	108.1	19.2
32								
34								
36	B4-8					50/4"	115.1	16.8
					TOTAL DEPTH AT 36 FEET Groundwater encountered at 10 feet			

Figure A-4,
Log of Boring B 4, Page 2 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

BORING B 5

ELEV. (MSL.) **529'** DATE COMPLETED **11-11-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0			3-inches of asphalt concrete over 9-inches of decomposed granite (DG)			
2	B5-1	SM-SC	**UNDOCUMENTED FILL (Qudf)** Medium dense, moist, dark gray, Silty/Clayey, fine to medium SAND			
4		ML	**OLDER ALLUVIUM (Qoa)** Stiff, moist, dark gray, Sandy SILT with clay			
6	B5-2			28	115.6	15.4
8			-Groundwater at 8 feet			
10	B5-3		-No recovery	24		
12						
14						
16	B5-4		-No recovery	17		
18			Gravel layer (based on chatter from drill rig)			
20	B5-5		-No recovery	50/4"		
			TOTAL DEPTH AT 21 FEET Groundwater encountered at 8 feet			

Figure A-5,
Log of Boring B 5, Page 1 of 1

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

BORING B 6

ELEV. (MSL.) **529'** DATE COMPLETED **11-11-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0					3-inches asphalt concrete over 9-inches of decomposed granite (DG)			
2				SM/SC	**UNDOCUMENTED FILL (Qudf)** Medium dense, moist, dark gray Silty/Clayey, fine to medium SAND			
4				CL	**OLDER ALLUVIUM (Qoa)** Very stiff, moist, dark gray, Sandy CLAY			
6	B6-1					33	111.2	16.5
8			▼		-Groundwater at 8 feet			
10	B6-2				-Becomes gray-brown and orange-brown with interbedded clayey, fine to medium sand	27	111.2	18.1
12	B6-3							
14				SC	Medium dense, wet, gray Clayey, fine to medium SAND			
16	B6-4					23	111.0	18.4
18				SM	Very dense, wet, orange and white, Silty, fine to coarse SAND			
20	B6-5					50/3"	111.9	16.4
22								
24								
26	B6-6				-Becomes gray at 26 feet	50/3"	110.2	17.2
28								

Figure A-6,
Log of Boring B 6, Page 1 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ▽ ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	**BORING B 6** ELEV. (MSL.) **529'** DATE COMPLETED **11-11-2022** EQUIPMENT **IR A-300** BY: **T. MYERS**	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					MATERIAL DESCRIPTION			
30	B6-7			SM	-Becomes dark gray and silty/clayey, fine to coarse sand at 30 feet	50/3"	107.7	18.5
32								
34								
36	B6-8					50/3"	111.1	17.8
					TOTAL DEPTH AT 36 FEET Groundwater encountered at 8 feet			

Figure A-6,
Log of Boring B 6, Page 2 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

BORING B 7

ELEV. (MSL.) **532'** DATE COMPLETED **11-11-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
0		SM	**UNDOCUMENTED FILL (Qudf)** Loose to medium dense, damp, orange-brown, Silty, fine to medium SAND			
2	B7-1					
4						
6	B7-2	SM	**OLDER ALLUVIUM (Qoa)** Very dense, damp, reddish brown, Silty to Clayey, fine to coarse SAND	50/5"	113.4	15.2
8						
10	B7-3	ML	Very stiff, moist, dark yellowish-brown to reddish-brown, Clayey SILT	48	103.3	22.3
12	B7-4					
14		SM	Dense, damp to moist, white, Silty, fine to medium SAND			
16	B7-5			52	87.8	34.0
18			-Becomes orange at 17 feet			
20	B7-6	CL	Very stiff, moist to very moist, orange and red, fine, Silty CLAY	48	97.9	24.7
22		SM	Very dense, very moist, brown, Silty, fine to medium SAND			
24			-Groundwater at 24 feet			
26	B7-7			50/5"	109.3	15.8
28		SC	Very dense, wet, dark gray, Clayey, fine to medium SAND			

Figure A-7,
Log of Boring B 7, Page 1 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. G2487-32-03

BORING B 7

ELEV. (MSL.) **532'** DATE COMPLETED **11-11-2022**

EQUIPMENT **IR A-300** BY: **T. MYERS**

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	MATERIAL DESCRIPTION	PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
30	B7-8			SM	Very dense, very moist, dark gray, Silty, fine to medium SAND	50/3"	101.5	13.6
32								
34				SM/SC	Very dense, very moist, dark gray, Silty/Clayey, fine to medium SAND			
36					-No recovery	50/3"		
38								
40	B7-9					50/3"		
					TOTAL DEPTH AT 41 FEET Groundwater encountered at 24 feet			

Figure A-7,
Log of Boring B 7, Page 2 of 2

G2487-32-03.GPJ

SAMPLE SYMBOLS

... SAMPLING UNSUCCESSFUL ... STANDARD PENETRATION TEST ... DRIVE SAMPLE (UNDISTURBED)

... DISTURBED OR BAG SAMPLE ... CHUNK SAMPLE ... WATER TABLE OR ... SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

GEOTECHNICAL BORING LOG B-1

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
530	0							CL	@ 0': 2" Asphalt Concrete ARTIFICIAL FILL (Afu) @ 2": Dark brown silty CLAY, moist, medium stiff, some SAND	CR ER AL RV
				B-1 @1-'5'				CL	QUATERNARY OLD ALLUVUM (Qoa) @ 3': Reddish-brown, silty SAND, moist, very dense, poorly sorted, slight carbonate cementation odor throughout	
525	5			R-1	23 27 50	124	11	SM	@5': Reddish-brown, silty SAND, moist, very dense, poorly sorted, slight carbonate cementation odor throughout	
									@ 9': Sandy CLAY, carbonate blebs, reddish tint	
520	10			R-2	17 38 50/5"	121	12	CL		
				B-2 @11.5'-15'						
515	15			R-3	12 20 32	107	19	ML/CL	@ 15': Light gray to gray-brown, clayey SILT to silty CLAY, moist, hard, fine grained, mottled	
				B-3 @16.5'-20						
510	20			S-1	8 12 17			SM/SC	@ 20': Light gray-brown silty clayey SAND, wet to saturated, dense	
				B-4 @23'-25				CL	@ 23': Light orangish/gray-brown, silty CLAY, saturated, mottled	
505	25			S-2	12 25 26			SM	@ 25.5': Encountered concretionary zone, 6" thick @ 25.5': Light gray with orangish-gray, silty SAND, very dense, poorly sorted, oxidation, carbonate stringers	
500	30									

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG B-1

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N / S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
500	30			S-3	14 40 50			SM	@ 30': Light organish-gray, silty SAND, moist to saturated, very dense, mottled in clay spots	
495	35			S-4	28 50/6"			SM/SC	@ 35': Light gray, silty SAND with clay, moist to saturated, very dense, poorly sorted	
									Total Depth = 36 Feet **Groundwater encountered at 21 feet at time of drilling** **Backfilled with grout on 11/25/14**	
490	40									
485	45									
480	50									
475	55									
470	60									

This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-2

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
530	0			B-1 @0.5'-5'				CL	@ 0': 2" of Asphaltic Concrete over 3" of Aggregate Base ARTIFICIAL FILL (Afu) @ 5": Dark brown, micaceous sandy CLAY, damp to moist	RV
525	5			R-1	10 11 10	98	18	SM/SC	QUATERNARY OLDER ALLUVIUM (Qoa) @ 5': Light brown, silty clayey SAND, damp, medium dense	
				B-2 @6.5'-10'						
520	10			R-2	10 18 20	101	22		@ 10': Light gray silty clayey SAND, oxidation, mottling, damp, medium dense	
515	15			S-1	31 4 7				@ 15': Light gray silty clayey SAND, oxidation, mottling, damp, loose	
									Total Depth = 16.5 Feet **No groundwater encountered at time of drilling** **Backfilled with native soils on 11/25/14**	
510	20									
505	25									
500	30									

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-3

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N / S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
530	0								@ 0': 2" Asphalt Concrete over 6" Aggregate Base	
				B-1 @1'-5'				SC	ARTIFICIAL FILL (Afu) @ 8": Dark brown clayey SAND, damp, medium coarse to fine grained	SA
525	5			R-1	10 11 19	118	13	SC	QUATERNARY OLD ALLUVIUM (Qoa) @ 5': Medium brown clayey SAND, damp, medium dense	
520	10			R-2	32 50/3"	120	11	SM/SC	@ 10': Yellow orange-brown, silty, clayey SAND, cobbles throughout, damp, very dense	
515	15			B-2 @14-16.5 S-1	13 21 43			SM	@ 15': Light yellowish gray, silty SAND, damp, very dense	
									Total Depth = 16.5 Feet **No groundwater encountered at time of drilling** **Backfilled with native soils on 11/25/14**	
510	20									
505	25									
500	30									

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-4

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
530	0								@ 0': 2.5" Asphaltic Concrete over 5" Aggregate Base	
				B-1 @1'-5'				SC	ARTIFICIAL FILL (Afu) @ 7.5": Medium brown clayey SAND, damp, loose to medium dense, small black cobbles throughout	
525	5			R-1	13 28 30	113	15	SC	QUATERNARY OLD ALLUVIUM (Qoa) @ 5': Reddish-brown, clayey SAND, moist, dense, trace quantity of black cobbles throughout	DS
				B-2 @7'-10'				CL	@ 8': Light orange-brown, sandy CLAY, moist, medium stiff, trace cobbles, moist	
520	10			R-2	13 28 50/5"			SM	@ 10': Light orangish gray to gray, silty SAND, moist, very dense, poorly sorted (coarse to very fine grained)	
				B-3 @12'-15'				CL	@ 12': Interbedded orange-brown/dark brown, silty CLAY, moist, seems dense, fine- to very-fine grained	
515	15			S-1	13 22 28			SM	@ 15': Light gray to orange-gray, silty SANDSTONE, moist, very dense, oxidation throughout	
510	20			R-3	38 50/4"	122	13		@ 20': Light gray to orange-gray, silty SANDSTONE, moist, very dense, oxidation throughout	
				B-4 @21'-25'				CL	@ 22': Dark gray silty CLAYSTONE, wet to saturated	
505	25			S-2 @25'-28'	38 50/3"			SM	@ 25': Dark gray silty SANDSTONE, saturated, very dense	
500	30								**Total Depth = 25.8 Feet** **Groundwater encountered at 20 Feet at time of drilling** **Backfilled with grout on 11/25/14**	

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-5

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
530	0								@ 0': 2" Asphalt Concrete over 6" Aggregate Base	
				B-1 @1'-5'				SM	ARTIFICIAL FILL (Afu) @ 8": Dark brown silty SAND, damp, loose to medium dense	SA
								CL	QUATERNARY YOUNG ALLUVIUM (Qya)	
525	5			R-1	11 7 11	109	17		@ 5': Dark brown silty CLAY, moist, hard, very plastic to touch	
				B-2 @7'-10'					@ 7.5': Dark gray to light brown sandy CLAY to clayey SAND, wet	-200
520	10			R-2	3 4 8	106	22	SM	@10': Light gray silty SAND, wet to saturated, loose, coarse to fine-grained, orange oxidation throughout	
515	15			S-1	3 4 8				@ 15': Light gray silty SAND, wet to saturated, medium dense, coarse to fine grained, orange oxidation throughout @ 17': Encounter concretionary zone	
									QUATERNARY OLD ALLUVIUM (Qoa)	
510	20			S-2	28 50/6"				@ 20': Light gray silty SAND, wet, very dense, oxidation throughout, small gravel throughout	
505	25			S-3	28 50/5"			SM	@ 25': Light gray silty SAND, wet, very dense, oxidation throughout, small gravel throughout	
500	30									

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
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- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
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- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-5

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
500	30			S-4	21 50/3"			SM	@ 30': Light gray-brown to dark gray silty SAND, wet, very dense, coarse- to fine-grained	
									Total Depth = 30.9 Feet **Groundwater encountered at 7 feet at time of drilling** **Backfilled with grout on 11/25/14**	
495	35									
490	40									
485	45									
480	50									
475	55									
470	60									

This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-6

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
530	0								@ 0': 3.5" Asphalt Concrete over 4" Aggregate Base	
				B-1 @1'-5'				SM	ARTIFICIAL FILL (Afu) @ 7.5": Medium brown to dark gray-brown sandy clay, samp, loose to medium stiff, fine- to very-fine grained, some coarse	CR EI RV
								CL	QUATERNARY YOUNG ALLUVIUM (Qya) @ 2': Medium brown to dark gray-brown sandy clay, damp, loose to medium stiff, fine- to very-fine-grained, some coarse	
525	5			R-1	10 50/6"	112	15	SM	QUATERNARY OLD ALLUVIUM (Qoa) @ 5': Light gray to reddish gray silty, dry to damp, SAND, cobbles, (≤1/2") carbonate nodules, damp, very dense, cementation laminated	
				B-2 @7.5'-10'				CL	@ 7.5': Light gray-brown, silty/sandy CLAY, damp, loose to touch, very plastic, fine to very fine grained	
520	10			R-2	17 31 43	108	19	SM/ML	@ 10': Light gray silty SAND to sandy SILT, damp, very dense to hard, oxidation stains, laminated	
515	15			S-1	9 14 27				@ 15': Light gray silty SAND to sandy SILT, damp, very dense, oxidation stains, laminated @ 17': Encounter concretionary zone	
510	20			S-2	12 23 58			SM	@ 20': Continues becomes dark gray, silty SAND	
									Total Depth = 21.5 Feet **Groundwater encountered at 17 feet at time of drilling** **Backfilled with grout on 11/25/14**	
505	25									
500	30									

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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GEOTECHNICAL BORING LOG B-7

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
									This Soil Description applies only to a location of the exploration at the time of sampling. Subsurface conditions may differ at other locations and may change with time. The description is a simplification of the actual conditions encountered. Transitions between soil types may be gradual.	
530	0							SC	@ 0': 2" Asphalt Concrete over 5" Aggregate Base ARTIFICIAL FILL (Afu) @ 0.6": Dark gray to medium gray-brown clayey SAND, moist, medium stiff	SA
				B-1 @1'-5'				SC	QUATERNARY YOUNG ALLUVIUM (Qya) @ 3': Dark gray clayey SAND, moist to wet, loose to medium stiff, fine to ve3ry fine grained	
525	5			R-1	2 3 4	96	28	SC	@ 5': Dark gray sandy silty CLAY, moist to wet, stiff, fine to very fine grained	CN
								SM	QUATERNARY OLD ALLUVIUM (Qoa) @ 8.5': Light gray to reddish gray, slightly silty SAND, damp to moist, dense, poorly sorted, pebbles throughout	
520 ▽	10			R-2	27 27 29	120	10		@ 10': Encountered ground water	
515	15			S-1	9 13 17				@ 15': Light gray silty SAND, moist to wet, dense, orange, oxidation throughout, fine to very fine grained	
510	20			S-2	20 35 50				@ 20': Becomes more oxidized (more orange) with depth	
									Total Depth = 21.5 Feet **Groundwater encountered at 10 feet at time of drilling** **Backfilled with grout on 11/25/14**	
505	25									
500	30									

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

*** This log is a part of a report by Leighton and should not be used as a stand-alone document. ***

GEOTECHNICAL BORING LOG B-8

Project No.	10865.001	**Date Drilled**	11-25-14
Project	Venture/ORR	**Logged By**	ERB
Drilling Co.	Baja Exploration	**Hole Diameter**	8"
Drilling Method	Hollow Stem Auger - 140lb - Autohammer - 30" Drop	**Ground Elevation**	530'
Location	See Figure 2 - Boring Location Map	**Sampled By**	ERB

Elevation Feet	Depth Feet	Graphic Log (N / S)	Attitudes	Sample No.	Blows Per 6 Inches	Dry Density pcf	Moisture Content, %	Soil Class. (U.S.C.S.)	SOIL DESCRIPTION	Type of Tests
530	0								@ 0': 2" Asphalt Concrete over 6" Aggregate Base	
				B-1 @1'-5'				SC/CL	ARTIFICIAL FILL (Afu) @ 6": Dark gray sandy CLAY/clayey SAND, damp, loose to medium stiff, fine- to very fine-grained, some coarse sand	
525	5			R-1	9 12 14	116	17	SC/CL	QUATERNARY YOUNG ALLUVIUM (Qya) @ 5': Dark gray to medium brown, sandy CLAY/clayey SAND, moist, hard to medium dense	
520	10			R-2	5 7 10	109	20	CL	QUATERNARY OLD ALLUVIUM (Qoa) @ 10': Reddish-brown silty CLAY, moist to wet, very stiff	
515	15			S-1	12 16 23			SM	@ 15': Light gray to orangish-gray, silty SAND, wet to moist, very dense, oxidation (orange coloring) throughout, coarse to fine grained	
									Total Depth = 16.5 Feet **Groundwater encountered at 15 feet at time of drilling** **Backfilled with grout on 11/25/14**	
510	20									
505	25									
500	30									

SAMPLE TYPES:
- B BULK SAMPLE
- C CORE SAMPLE
- G GRAB SAMPLE
- R RING SAMPLE
- S SPLIT SPOON SAMPLE
- T TUBE SAMPLE

TYPE OF TESTS:
- -200 % FINES PASSING
- AL ATTERBERG LIMITS
- CN CONSOLIDATION
- CO COLLAPSE
- CR CORROSION
- CU UNDRAINED TRIAXIAL
- DS DIRECT SHEAR
- EI EXPANSION INDEX
- H HYDROMETER
- MD MAXIMUM DENSITY
- PP POCKET PENETROMETER
- RV R VALUE
- SA SIEVE ANALYSIS
- SE SAND EQUIVALENT
- SG SPECIFIC GRAVITY
- UC UNCONFINED COMPRESSIVE STRENGTH

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APPENDIX B

APPENDIX B

LABORATORY TESTING

Laboratory tests were performed in accordance with generally accepted test methods of the American Society for Testing and Materials (ASTM) or other suggested procedures. Selected soil samples were tested for their in-place dry density and moisture content, expansion potential, soluble sulfate content, and consolidation. The in-place dry density and moisture content results are indicated on the exploratory boring logs. The results of our laboratory tests are summarized on Tables B-I and B-II and the following figures.

TABLE B-I
SUMMARY OF LABORATORY EXPANSION INDEX TEST RESULTS
ASTM D 4829

Sample No.	Moisture Content		Dry Density (pcf)	Expansion Index
	Before Test (%)	After Test (%)		
B1-1	8.5	16.1	116.1	29
B4-2	11.8	24.6	103.8	54
B7-1	10.0	19.2	110.4	35

TABLE B-II
SUMMARY OF LABORATORY WATER SOLUBLE SULFATE TEST RESULTS
CALIFORNIA TEST NO. 417

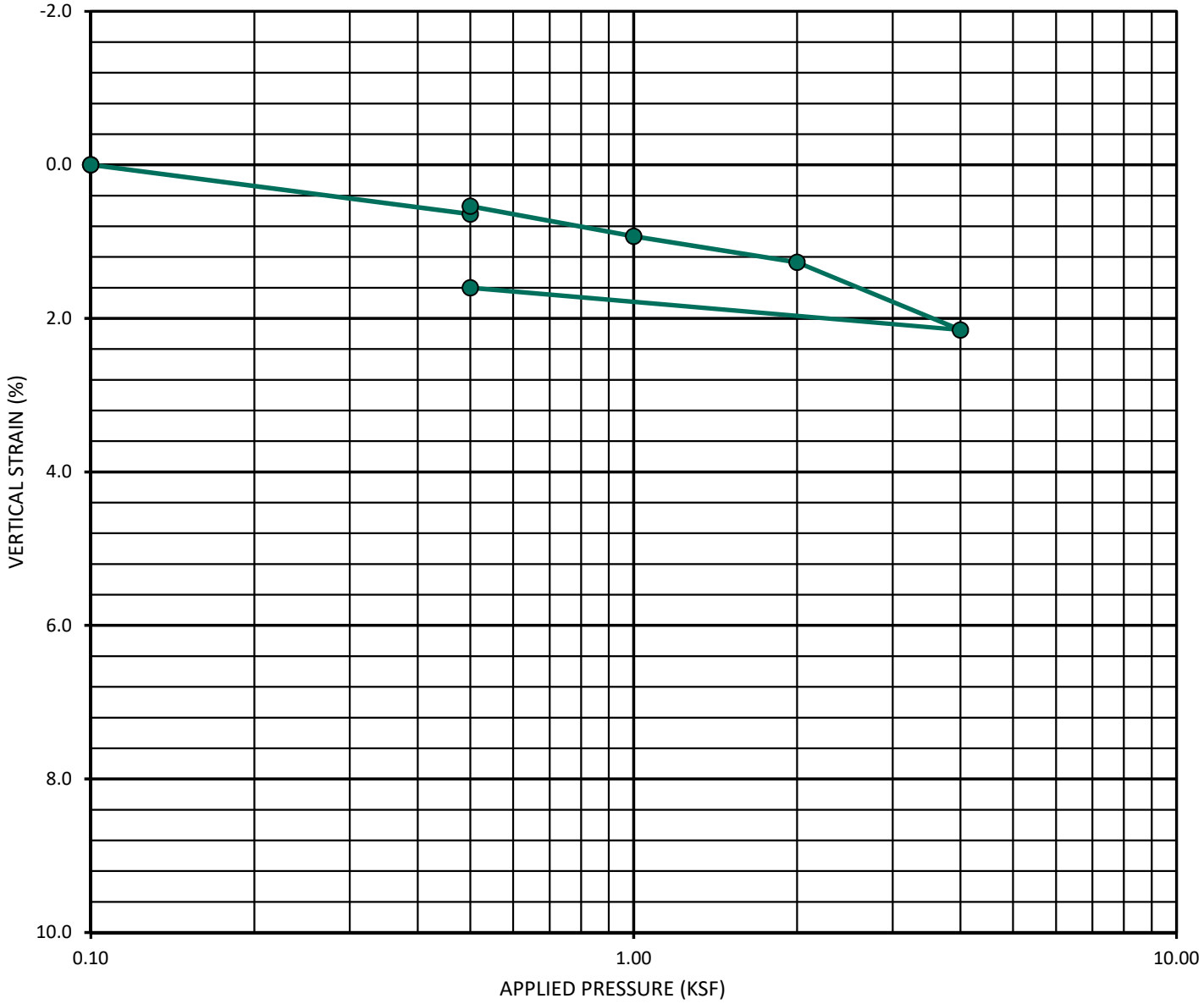
Sample No.	Water Soluble Sulfate (%)
B1-1	0.007
B4-2	0.008
B7-1	0.012

SAMPLE NO.: **B1-2**

SAMPLE DEPTH (FT): **5**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	121.3
INITIAL WATER CONTENT (%):	14.6%
SAMPLE SATURATED AT (KSF):	.5
INITIAL SATURATION (%):	100+



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RESTAURANT ROW

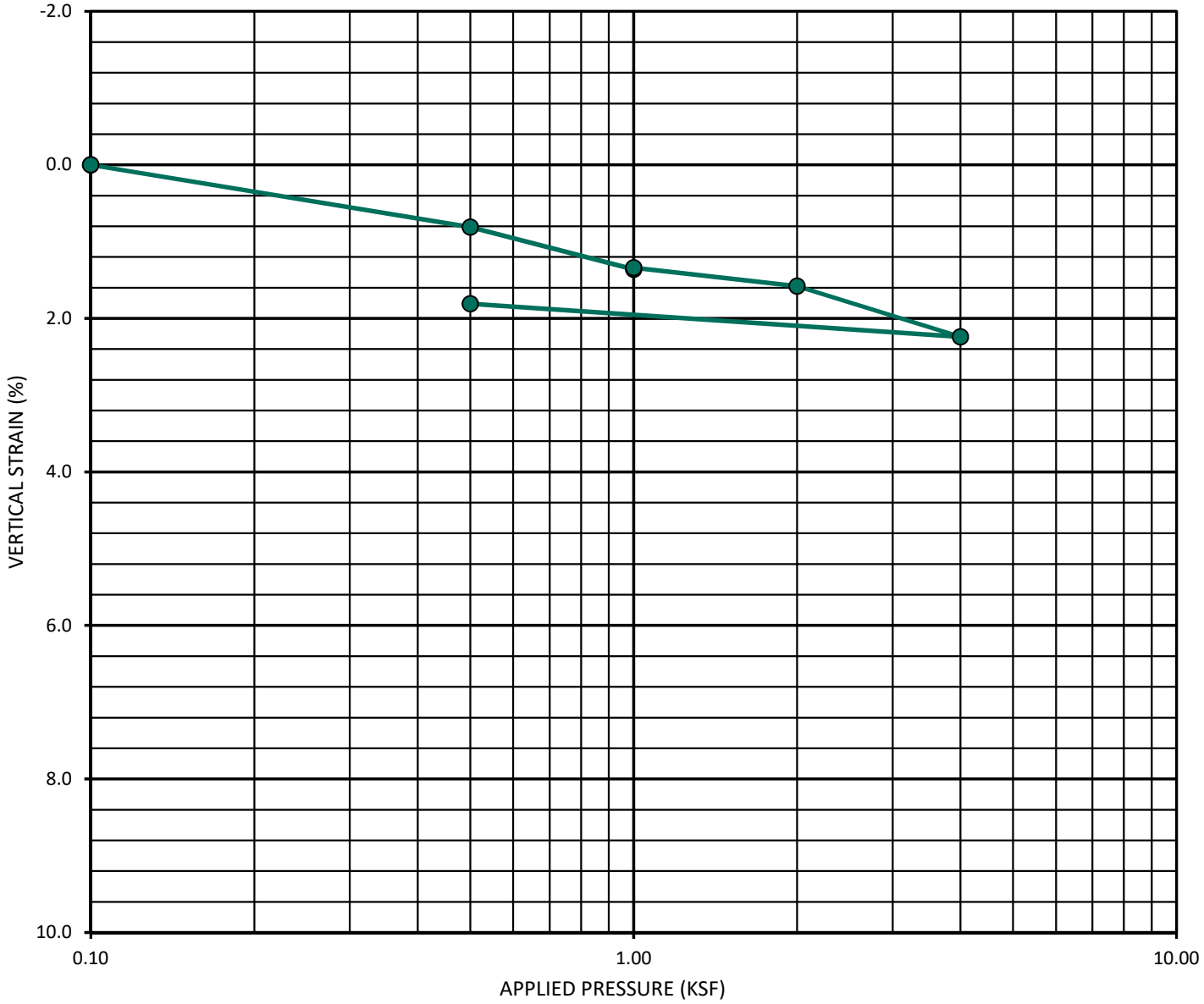
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B1-3**

SAMPLE DEPTH (FT): **10**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	116.9
INITIAL WATER CONTENT (%):	15.0%
SAMPLE SATURATED AT (KSF):	1.0
INITIAL SATURATION (%):	94.9%



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RESTAURANT ROW

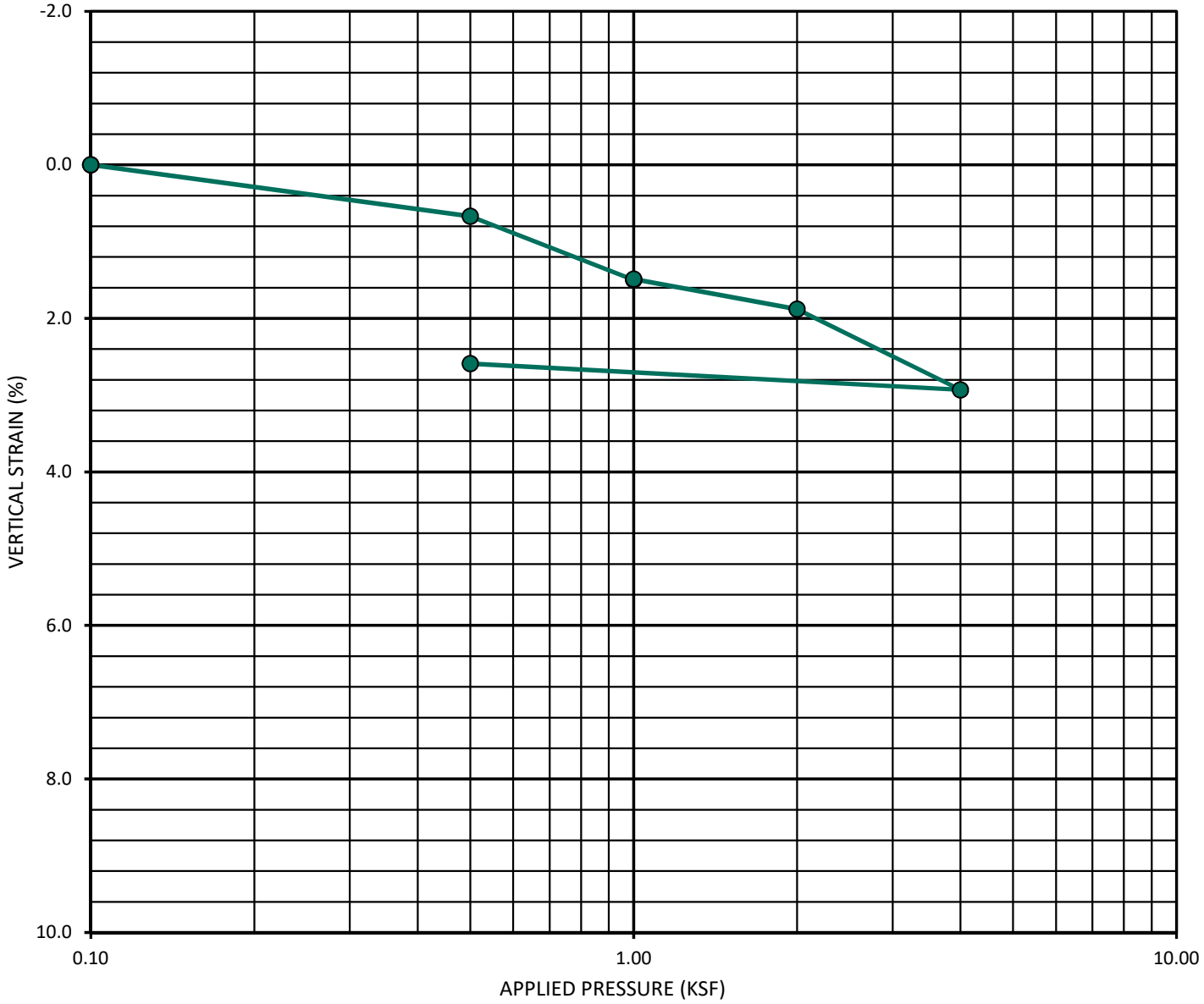
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B1-5**

SAMPLE DEPTH (FT): **20**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	107.8
INITIAL WATER CONTENT (%):	19.7%
SAMPLE SATURATED AT (KSF):	1.0
INITIAL SATURATION (%):	97.4%



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REASTAURANT ROW

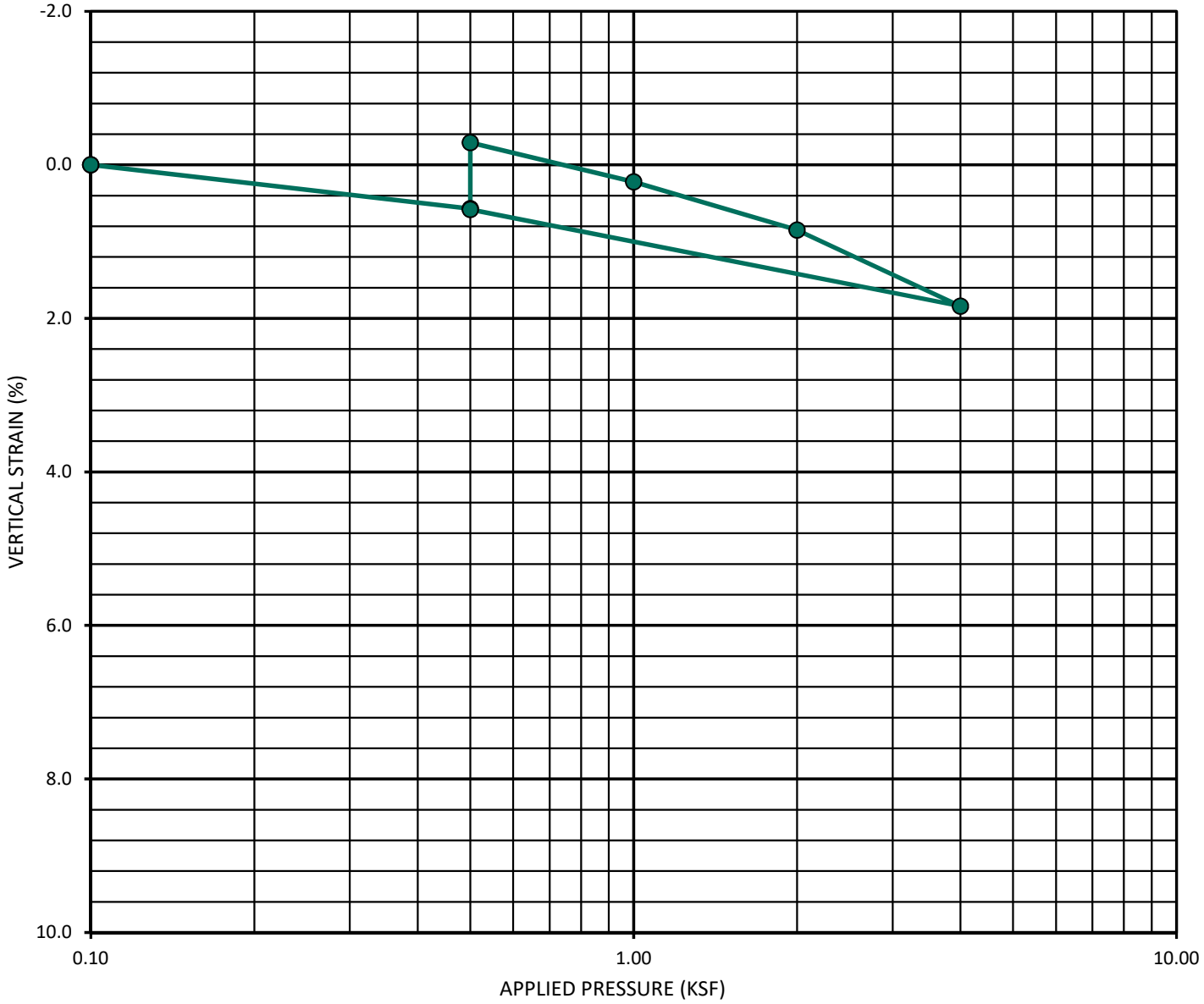
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B2-1**

SAMPLE DEPTH (FT): **5**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	117.7
INITIAL WATER CONTENT (%):	15.8%
SAMPLE SATURATED AT (KSF):	.5
INITIAL SATURATION (%):	100+



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RESTAURAND ROW

PROJECT NO.: G2487-32-03

SAMPLE NO.: **B2-2**

SAMPLE DEPTH (FT): **10**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	105.0
INITIAL WATER CONTENT (%):	22.5%
SAMPLE SATURATED AT (KSF):	1.0
INITIAL SATURATION (%):	100+

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RESTAURAND ROW

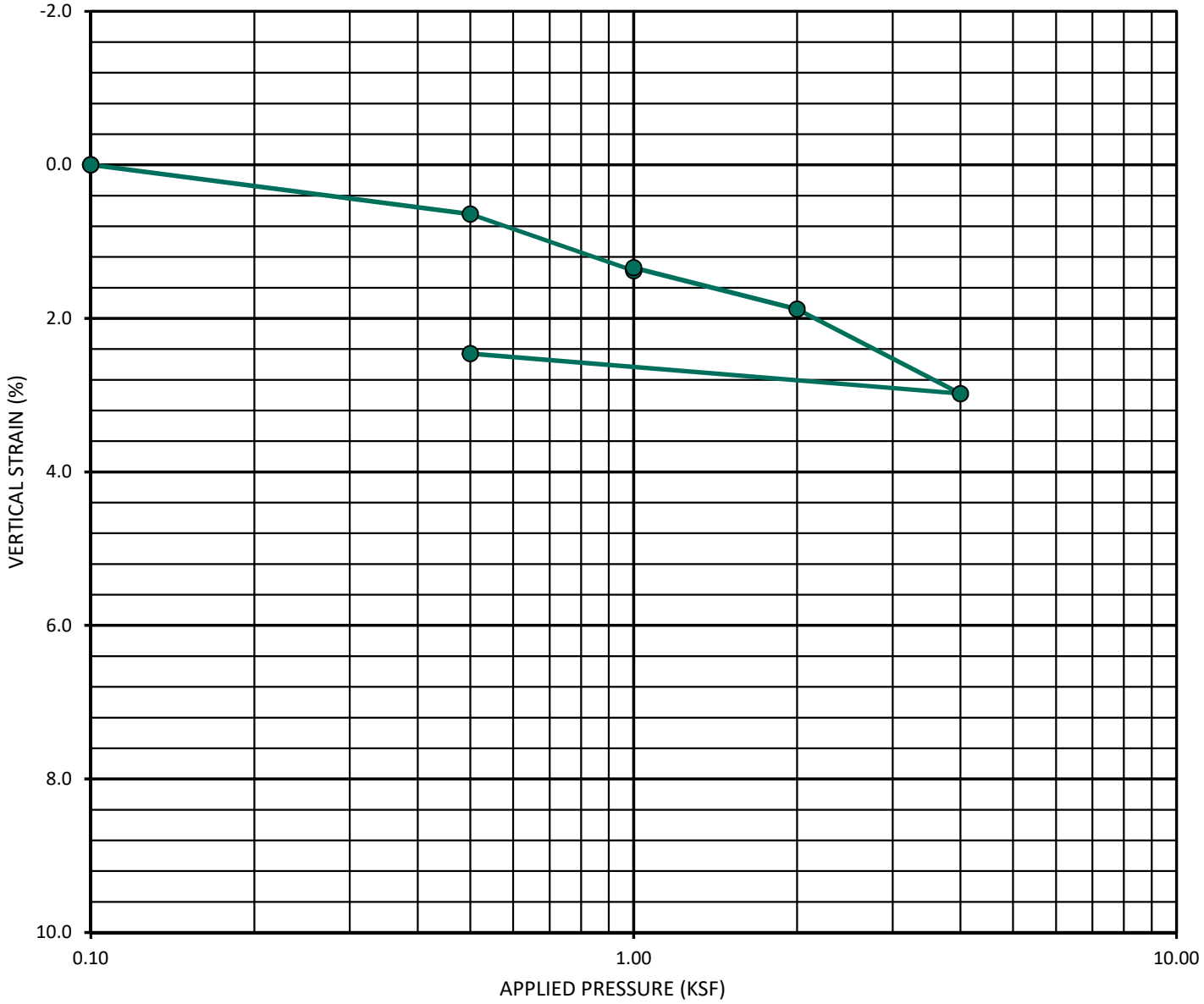
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B2-4**

SAMPLE DEPTH (FT): **15**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	105.9
INITIAL WATER CONTENT (%):	20.5%
SAMPLE SATURATED AT (KSF):	1.0
INITIAL SATURATION (%):	96.2%



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RESTAURAND ROW

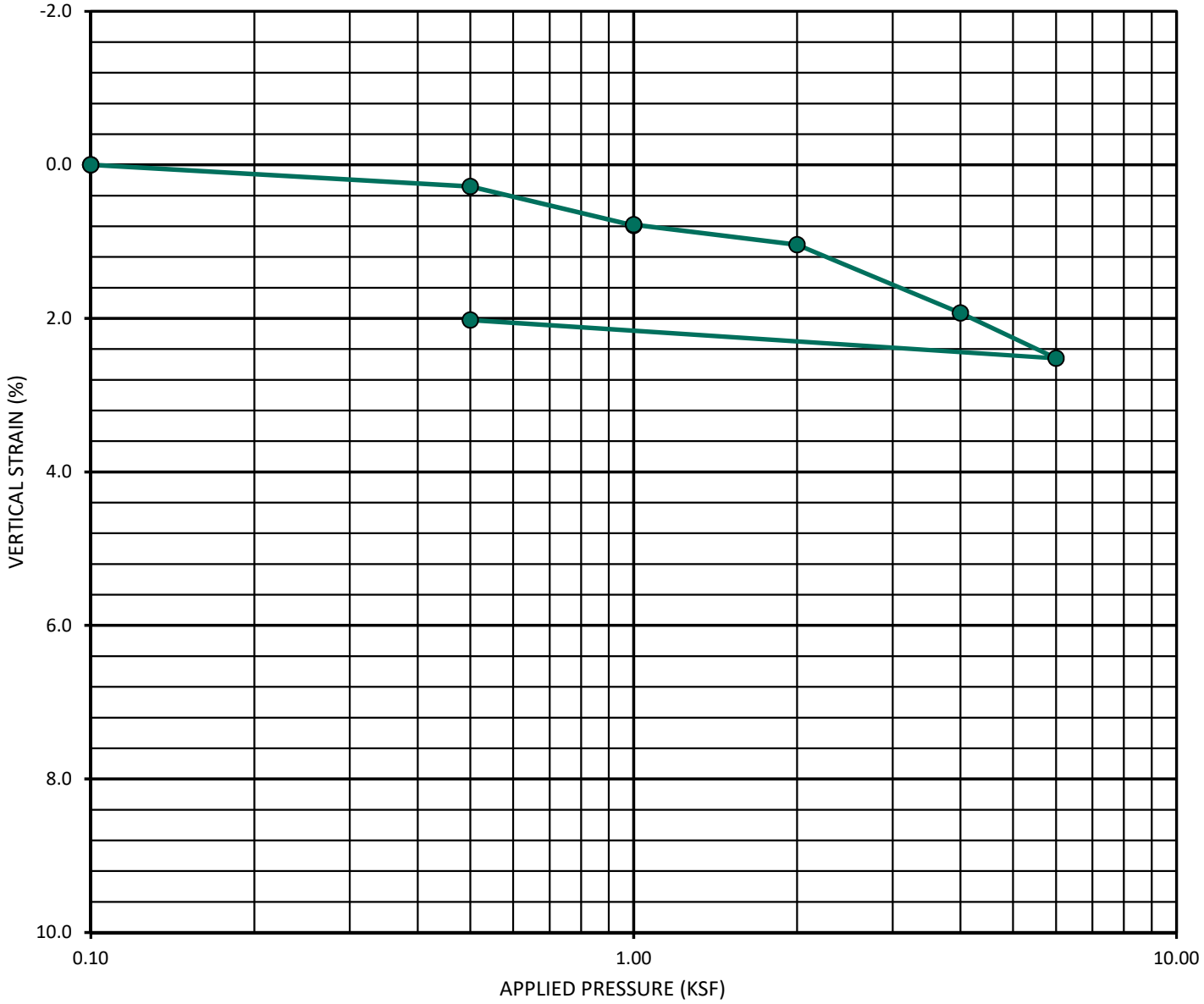
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B2-6**

SAMPLE DEPTH (FT): **25**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	113.5
INITIAL WATER CONTENT (%):	18.1%
SAMPLE SATURATED AT (KSF):	1.0
INITIAL SATURATION (%):	100+



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REASTAURANT ROW

PROJECT NO.: G2487-32-03

SAMPLE NO.: **B3-1**

SAMPLE DEPTH (FT): **5**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	109.3
INITIAL WATER CONTENT (%):	16.2%
SAMPLE SATURATED AT (KSF):	.5
INITIAL SATURATION (%):	83.3%

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RESTAURANT ROW

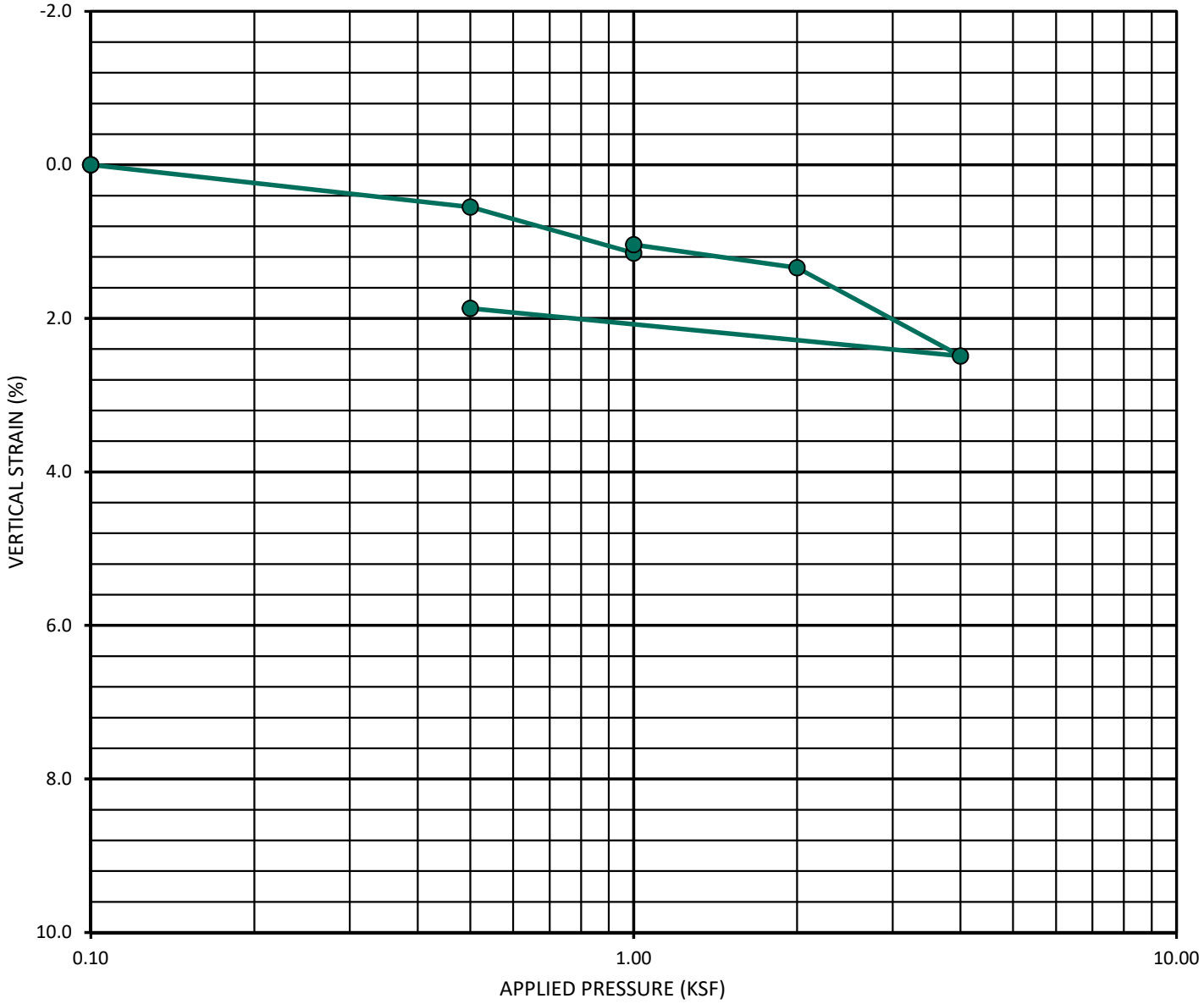
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B3-2**

SAMPLE DEPTH (FT): **10**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	109.8
INITIAL WATER CONTENT (%):	20.6%
SAMPLE SATURATED AT (KSF):	1.0
INITIAL SATURATION (%):	100+



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REASTAURANT ROW

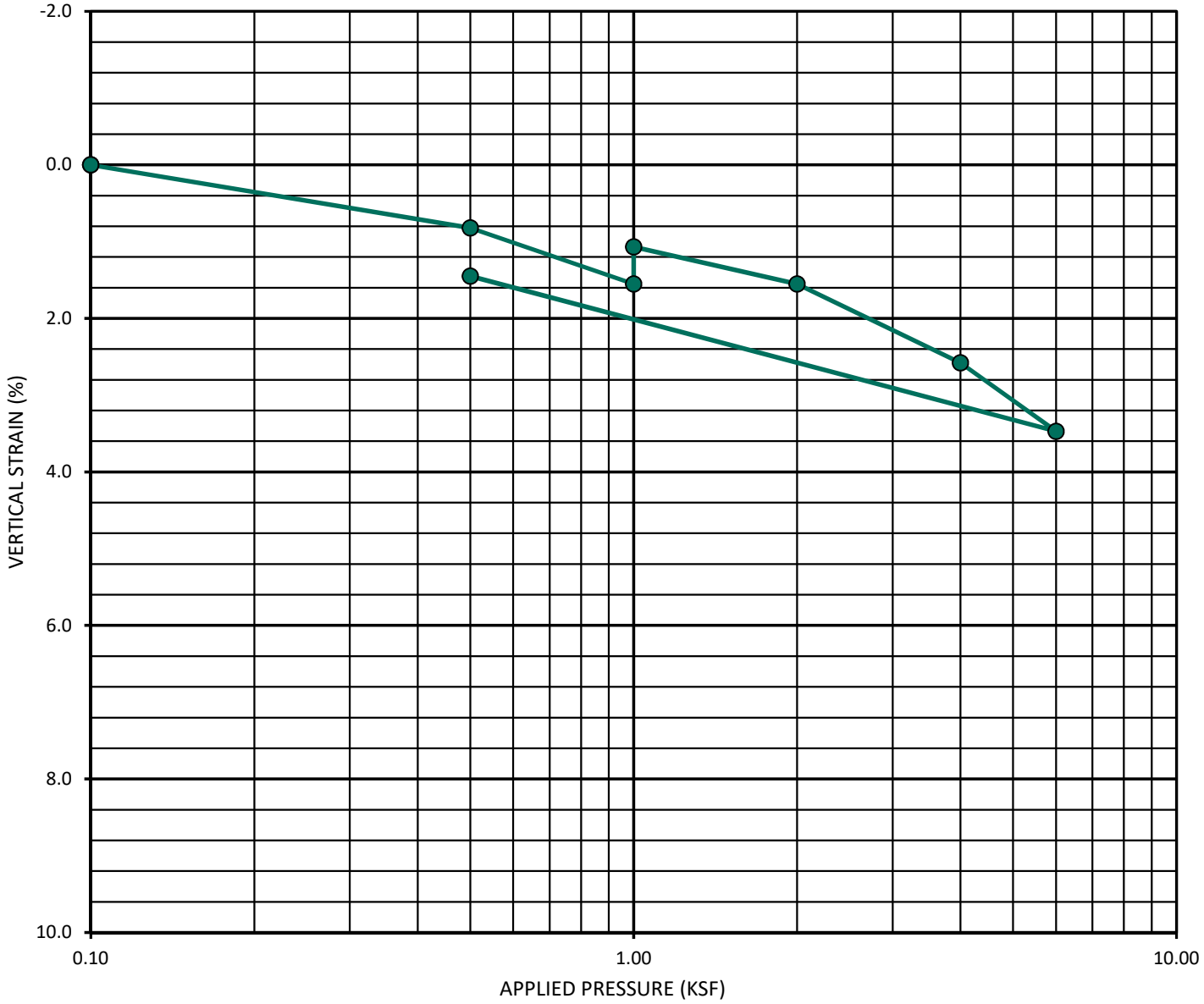
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B3-3**

SAMPLE DEPTH (FT): **15**

GEOLOGIC UNIT: **Qoa**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	95.5
INITIAL WATER CONTENT (%):	28.1%
SAMPLE SATURATED AT (KSF):	1.0
INITIAL SATURATION (%):	100+



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RESTAURANT ROW

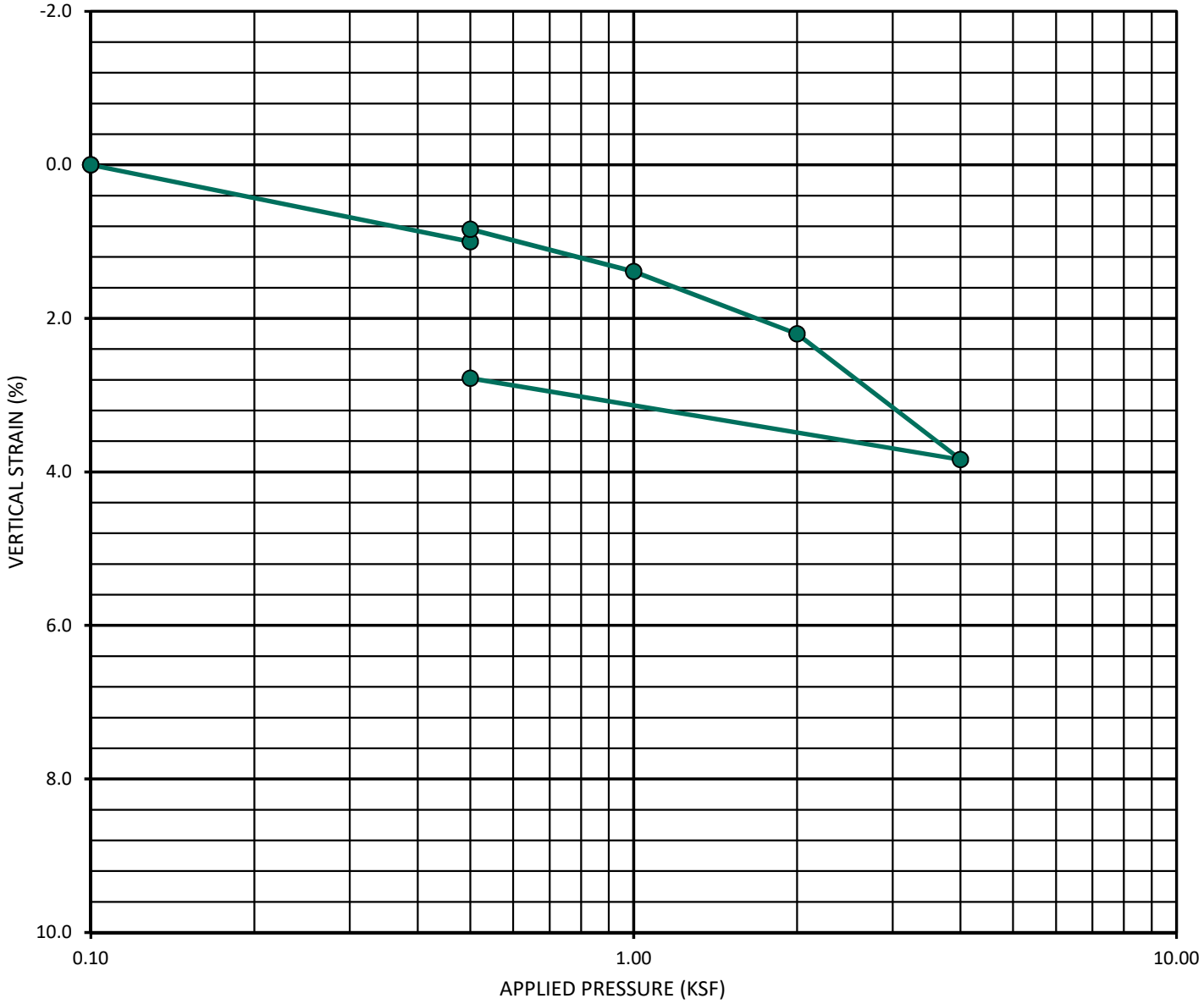
PROJECT NO.: G2487-32-03

SAMPLE NO.: **B4-1**

SAMPLE DEPTH (FT): **5**

GEOLOGIC UNIT: **Qya**

TEST INFORMATION	
INITIAL DRY DENSITY (PCF):	103.7
INITIAL WATER CONTENT (%):	22.9%
SAMPLE SATURATED AT (KSF):	.5
INITIAL SATURATION (%):	100+



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RESTAURANT ROW

PROJECT NO.: G2487-32-03

APPENDIX C

APPENDIX C

STORM WATER MANAGEMENT INVESTIGATION

FOR

SAN MARCOS RESTAURANT ROW
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-32-03

APPENDIX C

STORM WATER MANAGEMENT INVESTIGATION

We understand storm water management devices are being proposed in accordance with the *2016 City of San Marcos BMP Design Manual,* commonly referred to as the *Storm Water Standards* (SWS). If not properly constructed, there is a potential for distress to improvements and properties located hydrologically down gradient or adjacent to these devices. Factors such as the amount of water to be detained, its residence time, and soil permeability have an important effect on seepage transmission and the potential adverse impacts that may occur if the storm water management features are not properly designed and constructed. We have not performed a hydrogeological study at the site. If infiltration of storm water runoff occurs, downstream properties may be subjected to seeps, springs, slope instability, raised groundwater, movement of foundations and slabs, or other undesirable impacts as a result of water infiltration.

Hydrologic Soil Group

The United States Department of Agriculture (USDA), Natural Resources Conservation Services (NRCS), possesses general information regarding the existing soil conditions for areas within the United States. The USDA NRCS website also provides the Hydrologic Soil Group. Table C-1 presents the descriptions of the hydrologic soil groups. In addition, the USDA website also provides an estimated saturated hydraulic conductivity for the existing soil.

TABLE C-1
HYDROLOGIC SOIL GROUP DEFINITIONS

Soil Group	Soil Group Definition
A	Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.
B	Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.
C	Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.
D	Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high-water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

The property is underlain by four units identified as Placentia sandy loam (PaE, PeC and PfA), and Ramona sandy loam (RaB) . The Placentia and Ramona sandy loams are classified as Soil Groups C and D. Table C-2 presents the information from the USDA NRCS website for the subject property.

TABLE C-2
USDA WEB SOIL SURVEY – HYDROLOGIC SOIL GROUP

Map Unit Name	Map Unit Symbol	Approximate Percentage of Property	Hydrologic Soil Group	k_{SAT} of Most Limiting Layer (inches/hour)
Placentia sandy loam	PeA	3	C	0.06 – 0.60
Placentia sandy loam	PeC	61	C	0.06 – 0.60
Placentia sandy loam	PfA	35	D	0.00 – 0.06
Ramona sandy loam	RaB	1	C	0.20 – 0.57

STORM WATER MANAGEMENT CONCLUSIONS

The *Geologic Map*, Figure 2, depicts the existing property, proposed development, the approximate lateral limits of the geologic units, and locations of the recent and previous exploratory borings.

Soil Types

Proposed Compacted Fill – Compacted fill will be placed across the entire property during site development. Proposed remedial grading will consist of removing the upper 3 to 9 feet of soil and replacement as compacted fill. The proposed storm water BMP's will be founded in compacted fill placed above older alluvium. The compacted fill will be comprised of on-site clays which exhibit very low infiltration rates not suitable for infiltration BMP's. The fill will be compacted to a dry density of at least 90 percent of the laboratory maximum dry density. In our experience, compacted fill does not possess infiltration rates appropriate for infiltration BMP's. Hazards that occur as a result of fill soil saturation include a potential for hydro-consolidation of the granular fill soils, long term fill settlement, differential fill settlement, heaving of expansive clay soil, and lateral movement associated with saturated fill relaxation. The potential for lateral water migration to adversely impact existing or proposed structures, foundations, utilities, and roadways, is high. Therefore, full infiltration should be considered infeasible.

Section D.4.2 of the *2016 Storm Water Standards* (SWS) provides a discussion regarding fill materials used for infiltration. The SWS states:

- *For engineered fills, infiltration rates may still be quite uncertain due to layering and heterogeneities introduced as part of construction that cannot be precisely controlled.* Due to these uncertainties, full and partial infiltration should be considered geotechnically infeasible and liners and subdrains should be used in areas where infiltration BMP's are founded in compacted fill.

- *Where possible, infiltration BMPs on fill material should be designed such that their infiltrating surface extends into native soils.* The underlying older alluvium below the compacted fill is expected to be approximately 5 to 10 feet below existing grade. Full and partial infiltration

should be considered geotechnically infeasible within the compacted fill and liners and subdrains should be used. If the infiltration BMP's extended below the compacted fill, partial infiltration may be feasible if the infiltration BMP extends below the compacted fill.

- *Because of the uncertainty of fill parameters as well as potential compaction of the native soils, an infiltration BMP may not be feasible.* Therefore, full infiltration should be considered geotechnically infeasible. Partial infiltration may be feasible if the infiltration BMP extends below the compacted fill.

Older Alluvium – Older alluvium will underlie the compacted fill, which consists of medium dense to very dense, silty/clayey sand and hard, sandy silt and clay. The infiltration rates in the older alluvial deposits typically exhibit very poor permeability characteristics, which do not support full or partial infiltration.

Groundwater Elevations

Groundwater was encountered approximately 8 to 24 feet below existing grades. Groundwater is not anticipated to significantly impact project development as presently proposed. Proper surface drainage of irrigation and rainwater will be important to future performance of the project.

Soil or Groundwater Contamination

Based on our review of the Geotracker website, no soil or groundwater contamination is suspected.

New or Existing Utilities

Existing utilities are present within right of ways adjacent to the existing streets, generally beneath public sidewalks and roadways. We expect that all on-site utilities will be removed prior to site development. Full infiltration near existing or proposed utilities should be avoided to prevent lateral water migration into the permeable trench backfill materials.

Existing and Planned Structures

Commercial developments currently surround the property and are in close proximity to the property boundaries. If water is allowed to infiltrate into the soil, the water could potentially migrate laterally and into other properties in the vicinity of the subject site. The water migration may negatively affect other buildings and improvements in the area.

Slopes

Infiltration BMP's situated in close proximity to descending fill slopes are not recommended due to the potential for daylight water seepage and lateral water migration.

Recommendations

Due to the very low infiltration rates expected for the clayey older alluvial deposits, and close proximity to public and private improvements, foundations, and roadways, full and partial infiltration of storm water is considered geotechnically infeasible. Liners and subdrains should be incorporated into the design and construction of the planned storm water devices. The liners should be impermeable (e.g. High-density polyethylene, HDPE, with a thickness of about 30 mil or equivalent Polyvinyl Chloride, PVC) to prevent water migration. The subdrains should be perforated within the liner area, installed at the base and above the liner, be at least 4 inches in diameter and consist of Schedule 40 PVC pipe. The subdrains outside of the liner should consist of solid pipe. Seams and penetrations of the liners should be properly waterproofed. The subdrains should be connected to a proper outlet. The devices should also be installed in accordance with the manufacturer's recommendations.

Storm Water Standard Worksheets

The SWS requests the geotechnical engineer complete the *Categorization of Infiltration Feasibility Condition* (Worksheet C.4-1 or I-8) worksheet information to help evaluate the potential for infiltration on the property. The attached Form 1-8 presents the completed information for the submittal process.

The regional storm water standards also have a worksheet (Worksheet D.5-1 or Form I-9) that helps the project civil engineer estimate the factor of safety based on several factors. Table C-3 describes the suitability assessment input parameters related to the geotechnical engineering aspects for the factor of safety determination.

TABLE C-3
SUITABILITY ASSESSMENT RELATED CONSIDERATIONS
FOR INFILTRATION FACILITY SAFETY FACTORS

Consideration	High Concern – 3 Points	Medium Concern – 2 Points	Low Concern – 1 Point
Assessment Methods	Use of soil survey maps or simple texture analysis to estimate short-term infiltration rates. Use of well permeameter or borehole methods without accompanying continuous boring log. Relatively sparse testing with direct infiltration methods	Use of well permeameter or borehole methods with accompanying continuous boring log. Direct measurement of infiltration area with localized infiltration measurement methods (e.g., Infiltrometer). Moderate spatial resolution	Direct measurement with localized (i.e. small-scale) infiltration testing methods at relatively high resolution or use of extensive test pit infiltration measurement methods.
Predominant Soil Texture	Silty and clayey soils with significant fines	Loamy soils	Granular to slightly loamy soils
Site Soil Variability	Highly variable soils indicated from site assessment or unknown variability	Soil boring/test pits indicate moderately homogenous soils	Soil boring/test pits indicate relatively homogenous soils
Depth to Groundwater/ Impervious Layer	<5 feet below facility bottom	5-15 feet below facility bottom	>15 feet below facility bottom

Based on our geotechnical investigation and the information in Table C-3, Table C-4 presents the estimated factor values for the evaluation of the factor of safety. This table only provides the suitability assessment safety factor (Part A) of the worksheet. The project civil engineer should evaluate the safety factor for design (Part B) and use the combined safety factor for the design infiltration rate.

TABLE C-4
FACTOR OF SAFETY WORKSHEET DESIGN VALUES – PART A[1]

Suitability Assessment Factor Category	Assigned Weight (w)	Factor Value (v)	Product (p = w x v)
Assessment Methods	0.25	3	0.75
Predominant Soil Texture	0.25	3	0.75
Site Soil Variability	0.25	2	0.50
Depth to Groundwater/ Impervious Layer	0.25	2	0.50
Suitability Assessment Safety Factor, $S_A = \sum p$			2.50

[1] The project civil engineer should complete Worksheet D.5-1 or Form I-9 using the data on this table. Additional information is required to evaluate the design factor of safety.

Categorization of Infiltration Feasibility Condition	Form I-8

Part 1 - Full Infiltration Feasibility Screening Criteria

Would infiltration of the full design volume be feasible from a physical perspective without any undesirable consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
1	**Is the estimated reliable infiltration rate below proposed facility locations greater than 0.5 inches per hour?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.		X

Provide basis:

Based on the results of previous infiltration testing by others, the in-situ infiltration rates in two locations and using the Porchet Method to convert percolation rate to infiltration rate, were less than 0.02 and 0.01 inches per hour (iph). After applying a feasibility factor of safety of 2, the design infiltration rates are less than 0.01 iph. In addition, the USDA NRCS web soil survey indicates the proposed BMP's are located in soil belonging to Hydrologic Soil Group D with anticipated rates of 0.0 to 0.06 iph, which are not conducive to infiltration.

Based on the infiltration rates, full infiltration is infeasible.

2	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.		X

Provide basis:

If water is allowed to infiltrate into the underlying highly expansive soils, there is an increased risk for heaving and soil movement that could adversely impact nearby structures and improvements. The potential for groundwater mounding exists. Groundwater is located between 10 to 20 feet below existing grades.

Form I-8 Page 2 of 4			
Criteria	Screening Question	**Yes**	**No**
3	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of groundwater contamination (shallow water table, storm water pollutants or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: Groundwater is located approximately 10 to 20 feet from the ground surface. No contamination is suspected based on review of the Storm Water Standards Manual and Geotracker website. Per the SWS Manual, infiltration BMP's should be located at least 10 feet from groundwater if the groundwater is considered of beneficial use.			
4	**Can infiltration greater than 0.5 inches per hour be allowed without causing potential water balance issues such as change of seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: We do not expect infiltration will cause water balance issues such as seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters. However, evaluating water balance issues is beyond the scope of the geotechnical engineer and should be evaluated by others.			
Part 1 Result *	If all answers to rows 1 - 4 are "**Yes**" a full infiltration design is potentially feasible. The feasibility screening category is **Full Infiltration** If any answer from row 1-4 is "**No**", infiltration may be possible to some extent but would not generally be feasible or desirable to achieve a "full infiltration" design. Proceed to Part 2		No

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

Form I-8 Page 3 of 4

Part 2 – Partial Infiltration vs. No Infiltration Feasibility Screening Criteria

Would infiltration of water in any appreciable amount be physically feasible without any negative consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
5	**Do soil and geologic conditions allow for infiltration in any appreciable rate or volume?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.		X

Provide basis:

Based on the results of previous infiltration testing by others, the in-situ infiltration rates in two locations and using the Porchet Method to convert percolation rate to infiltration rate, were less than 0.02 and 0.01 inches per hour (iph). After applying a feasibility factor of safety of 2, the design infiltration rates are less than 0.01 iph. A design infiltration rate of 0.05 iph is considered necessary to consider partial infiltration. In addition, the USDA NRCS web soil survey indicates the proposed BMP's are located in soil belonging to Hydrologic Soil Group D with anticipated rates of 0.0 to 0.06 iph, which are not conducive to infiltration.

Based on the infiltration rates, partial infiltration is considered infeasible.

6	**Can Infiltration in any appreciable quantity be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.		X

Provide basis:

If water is allowed to infiltrate into the underlying highly expansive soils, there is an increased risk for heaving and soil movement that could adversely impact nearby structures and improvements. The potential for groundwater mounding exists. Groundwater is located between 10 to 20 feet below existing grades.

Form I-8 Page 4 of 4			
Criteria	Screening Question	**Yes**	**No**
7	**Can Infiltration in any appreciable quantity be allowed without posing significant risk for groundwater related concerns (shallow water table, storm water pollutants or other factors)?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: Groundwater is located approximately 10 to 20 feet from the ground surface. No contamination is suspected based on review of the Storm Water Standards Manual and Geotracker website. Per the SWS Manual, infiltration BMP's should be located at least 10 feet from groundwater if the groundwater is considered of beneficial use.			
8	**Can infiltration be allowed without violating downstream water rights**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: We do not expect infiltration to violate downstream water rights, however, evaluating water rights is not a geotechnical issue and should be evaluated by others.			
Part 2 Result*	If all answers from row 5-8 are yes then partial infiltration design is potentially feasible. The feasibility screening category is **Partial Infiltration.** If any answer from row 5-8 is no, then infiltration of any volume is considered to be **infeasible** within the drainage area. The feasibility screening category is **No Infiltration.**	No Infiltration	

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

LEGEND

- PROJECT BOUNDARY
- DRAINAGE MANAGEMENT AREA (DMA BOUNDARY)
- HYDROMODIFICATION BOUNDARY SWAP
- EXISTING FLOODPLAIN

DMA 1 — 2.60 AC
DMA 2 — 4.05 AC
DMA 3 — 1.09 AC
DMA 4 — 0.41 AC
DMA 5 — 1.35 AC
DMA 6 — 0.93 AC
DMA 7 — 0.36 AC

BMP 1A
BMP 1B
BMP 2A
BMP 2B
BMP 3A
BMP 3B
BMP 4
BMP 5
BMP 6
BMP 7

FLOODPLAIN-FLD_ZONE_AE (COLOR 4)
FLOODWAY-AE (COLOR 2)

PVT. DRIVE 'A'
PVT. DRIVE 'B'
PVT. DRIVE 'C'
PVT. DRIVE 'D'
PVT. DRIVE 'E'
PVT. DRIVE 'F'
PVT. DRIVE 'G'
PVT. DRIVE 'H'
PVT. DRIVE 'I'
PVT. DRIVE 'J'
PVT. DRIVE 'K'

FUTURE SEARS SITE PER SDP 17-0006

SAN MARCOS BLVD
San Marcos Blvd
VIA VERA CRUZ
BOARDWALK

SCALE: 1"=30'

SCALE:	1"=30'
JOB #:	4457
CREATED:	8/18/21

PREPARED BY:

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

CITY OF SAN MARCOS

RESTAURANT ROW

DMA MAP
PROPOSED CONDITIONS
EXHIBIT A

P:\4457\Engr\Reports\DMOM\ATTACHMENTS\Attachment 11\DMA Exhibit.dwg 8/22/2022 3:43:15 PM

United States Department of Agriculture

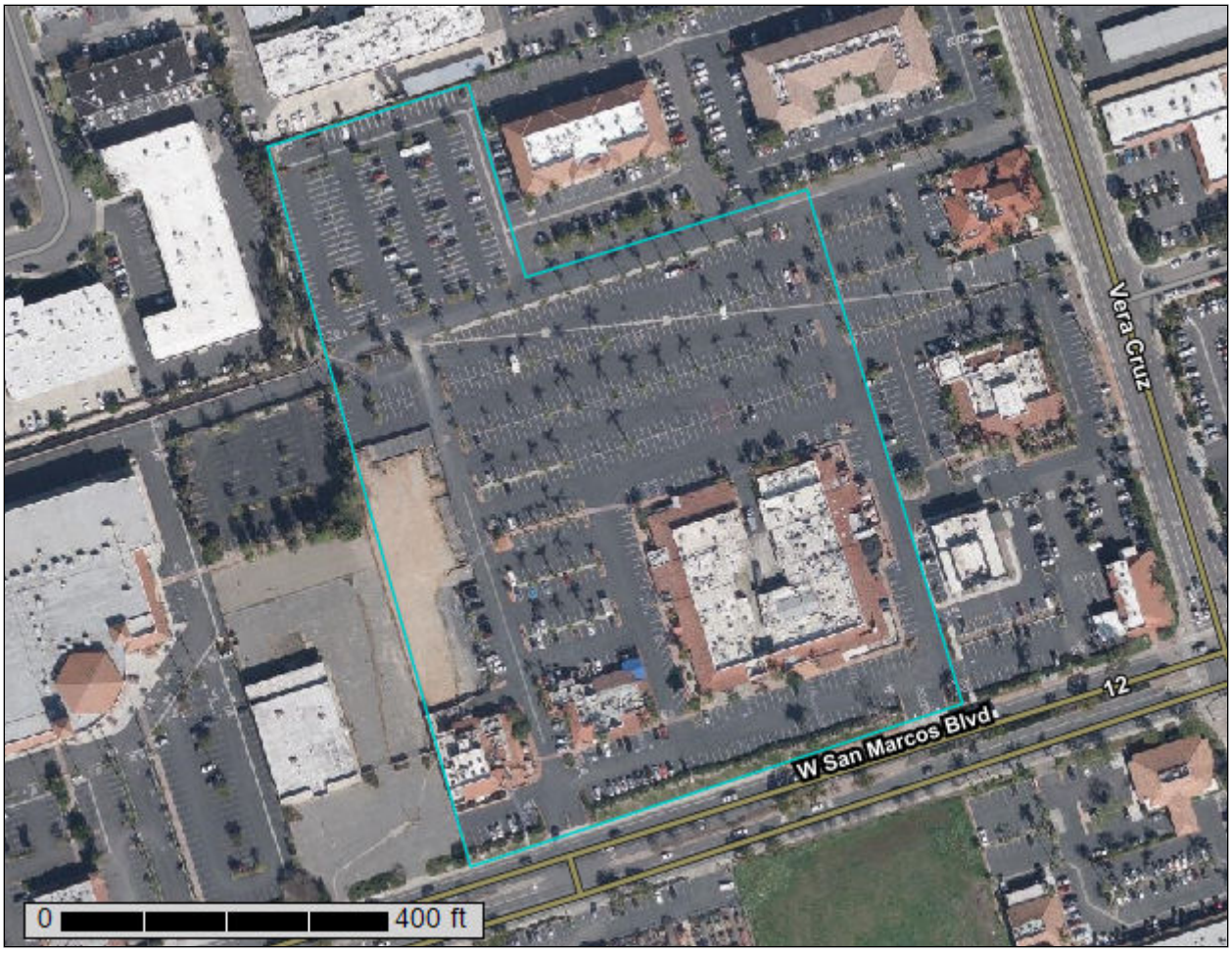
NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for San Diego County Area, California

Restaurant Row, San Marcos, CA



June 23, 2022

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map

Map Scale: 1:2,000 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 25 50 100 150

Feet: 0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Diego County Area, California
Survey Area Data: Version 16, Sep 13, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2020—Feb 13, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PeA	Placentia sandy loam, 0 to 2 percent slopes, warm MAAT, MLRA 19	0.3	2.9%
PeC	Placentia sandy loam, 2 to 9 percent slopes, warm MAAT, MLRA 19	6.7	61.5%
PfA	Placentia sandy loam, thick surface, 0 to 2 percent slo pes	3.8	34.6%
RaB	Ramona sandy loam, 2 to 5 percent slopes	0.1	1.0%
Totals for Area of Interest		**10.9**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it

was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

San Diego County Area, California

PeA—Placentia sandy loam, 0 to 2 percent slopes, warm MAAT, MLRA 19

Map Unit Setting

National map unit symbol: 2tyyl
Elevation: 200 to 2,520 feet
Mean annual precipitation: 17 to 19 inches
Mean annual air temperature: 63 to 64 degrees F
Frost-free period: 270 to 360 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Placentia and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Placentia

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Alluvium derived from granitoid

Typical profile

H1 - 0 to 13 inches: sandy loam
H2 - 13 to 34 inches: sandy clay
H3 - 34 to 53 inches: sandy clay loam
H4 - 53 to 63 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 25.0
Available water supply, 0 to 60 inches: High (about 9.3 inches)

Interpretive groups

Land capability classification (irrigated): 4s
Land capability classification (nonirrigated): 4s
Hydrologic Soil Group: C
Ecological site: R019XD061CA - CLAYPAN (1975)
Hydric soil rating: No

Minor Components

Placentia, thick surface
Percent of map unit: 7 percent
Hydric soil rating: No

Ramona
Percent of map unit: 7 percent
Hydric soil rating: No

Typic natrixeralfs, occasionally ponded
Percent of map unit: 1 percent
Landform: Depressions
Hydric soil rating: Yes

PeC—Placentia sandy loam, 2 to 9 percent slopes, warm MAAT, MLRA 19

Map Unit Setting
National map unit symbol: 2tyyn
Elevation: 150 to 2,950 feet
Mean annual precipitation: 13 to 18 inches
Mean annual air temperature: 62 to 64 degrees F
Frost-free period: 270 to 360 days
Farmland classification: Farmland of statewide importance

Map Unit Composition
Placentia and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Placentia

Setting
Landform: Terraces, alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear, convex
Parent material: Alluvium derived from granitoid

Typical profile
A1 - 0 to 4 inches: sandy loam
A2 - 4 to 13 inches: sandy loam
Bt1 - 13 to 21 inches: sandy clay
Bt2 - 21 to 34 inches: sandy clay
BC - 34 to 53 inches: sandy clay loam
C - 53 to 63 inches: sandy clay loam

Properties and qualities
Slope: 2 to 9 percent

Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 25.0
Available water supply, 0 to 60 inches: High (about 9.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Ecological site: R019XD061CA - CLAYPAN (1975)
Hydric soil rating: No

Minor Components

Fallbrook

Percent of map unit: 5 percent
Hydric soil rating: No

Bonsall

Percent of map unit: 5 percent
Hydric soil rating: No

Ramona

Percent of map unit: 4 percent
Hydric soil rating: No

Typic natrixeralfs, occasionally ponded

Percent of map unit: 1 percent
Landform: Depressions
Hydric soil rating: Yes

PfA—Placentia sandy loam, thick surface, 0 to 2 percent slo pes

Map Unit Setting

National map unit symbol: hbfm
Elevation: 50 to 2,500 feet
Mean annual precipitation: 12 to 18 inches
Mean annual air temperature: 63 to 64 degrees F
Frost-free period: 200 to 300 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Placentia and similar soils: 85 percent
Minor components: 11 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Placentia

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope, rise
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Alluvium derived from granite

Typical profile

H1 - 0 to 13 inches: sandy loam
H2 - 13 to 34 inches: clay
H3 - 34 to 63 inches: clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Moderately well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 25.0
Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 4s
Hydrologic Soil Group: D
Ecological site: R019XD061CA - CLAYPAN (1975)
Hydric soil rating: No

Minor Components

Ramona

Percent of map unit: 5 percent
Hydric soil rating: No

Bonsall

Percent of map unit: 5 percent
Hydric soil rating: No

Unnamed, ponded

Percent of map unit: 1 percent
Landform: Depressions
Hydric soil rating: Yes

RaB—Ramona sandy loam, 2 to 5 percent slopes

Map Unit Setting

National map unit symbol: hbfr
Elevation: 250 to 3,500 feet
Mean annual precipitation: 10 to 20 inches
Mean annual air temperature: 63 degrees F
Frost-free period: 230 to 320 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Ramona and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Ramona

Setting

Landform: Alluvial fans
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Base slope, rise
Down-slope shape: Linear
Across-slope shape: Convex
Parent material: Alluvium derived from granite

Typical profile

H1 - 0 to 17 inches: sandy loam
H2 - 17 to 60 inches: sandy clay loam
H3 - 60 to 74 inches: fine sandy loam

Properties and qualities

Slope: 2 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 8.5 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Ecological site: R019XG911CA - Loamy Fan
Hydric soil rating: No

Minor Components

Greenfield

Percent of map unit: 10 percent
Hydric soil rating: No

Plecentia

Percent of map unit: 5 percent
Hydric soil rating: No

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APPENDIX D

APPENDIX D

RECOMMENDED GRADING SPECIFICATIONS

FOR

SAN MARCOS RESTAURANT ROW
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-32-03

RECOMMENDED GRADING SPECIFICATIONS

1. GENERAL

1.1 These Recommended Grading Specifications shall be used in conjunction with the Geotechnical Report for the project prepared by Geocon. The recommendations contained in the text of the Geotechnical Report are a part of the earthwork and grading specifications and shall supersede the provisions contained hereinafter in the case of conflict.

1.2 Prior to the commencement of grading, a geotechnical consultant (Consultant) shall be employed for the purpose of observing earthwork procedures and testing the fills for substantial conformance with the recommendations of the Geotechnical Report and these specifications. The Consultant should provide adequate testing and observation services so that they may assess whether, in their opinion, the work was performed in substantial conformance with these specifications. It shall be the responsibility of the Contractor to assist the Consultant and keep them apprised of work schedules and changes so that personnel may be scheduled accordingly.

1.3 It shall be the sole responsibility of the Contractor to provide adequate equipment and methods to accomplish the work in accordance with applicable grading codes or agency ordinances, these specifications and the approved grading plans. If, in the opinion of the Consultant, unsatisfactory conditions such as questionable soil materials, poor moisture condition, inadequate compaction, and/or adverse weather result in a quality of work not in conformance with these specifications, the Consultant will be empowered to reject the work and recommend to the Owner that grading be stopped until the unacceptable conditions are corrected.

2. DEFINITIONS

2.1 **Owner** shall refer to the owner of the property or the entity on whose behalf the grading work is being performed and who has contracted with the Contractor to have grading performed.

2.2 **Contractor** shall refer to the Contractor performing the site grading work.

2.3 **Civil Engineer** or **Engineer of Work** shall refer to the California licensed Civil Engineer or consulting firm responsible for preparation of the grading plans, surveying and verifying as-graded topography.

2.4 **Consultant** shall refer to the soil engineering and engineering geology consulting firm retained to provide geotechnical services for the project.

2.5 **Soil Engineer** shall refer to a California licensed Civil Engineer retained by the Owner, who is experienced in the practice of geotechnical engineering. The Soil Engineer shall be responsible for having qualified representatives on-site to observe and test the Contractor's work for conformance with these specifications.

2.6 **Engineering Geologist** shall refer to a California licensed Engineering Geologist retained by the Owner to provide geologic observations and recommendations during the site grading.

2.7 **Geotechnical Report** shall refer to a soil report (including all addenda) which may include a geologic reconnaissance or geologic investigation that was prepared specifically for the development of the project for which these Recommended Grading Specifications are intended to apply.

3. MATERIALS

3.1 Materials for compacted fill shall consist of any soil excavated from the cut areas or imported to the site that, in the opinion of the Consultant, is suitable for use in construction of fills. In general, fill materials can be classified as *soil* fills, *soil-rock* fills or *rock* fills, as defined below.

3.1.1 **Soil fills** are defined as fills containing no rocks or hard lumps greater than 12 inches in maximum dimension and containing at least 40 percent by weight of material smaller than ¾ inch in size.

3.1.2 **Soil-rock fills** are defined as fills containing no rocks or hard lumps larger than 4 feet in maximum dimension and containing a sufficient matrix of soil fill to allow for proper compaction of soil fill around the rock fragments or hard lumps as specified in Paragraph 6.2. **Oversize rock** is defined as material greater than 12 inches.

3.1.3 **Rock fills** are defined as fills containing no rocks or hard lumps larger than 3 feet in maximum dimension and containing little or no fines. Fines are defined as material smaller than ¾ inch in maximum dimension. The quantity of fines shall be less than approximately 20 percent of the rock fill quantity.

3.2 Material of a perishable, spongy, or otherwise unsuitable nature as determined by the Consultant shall not be used in fills.

3.3 Materials used for fill, either imported or on-site, shall not contain hazardous materials as defined by the California Code of Regulations, Title 22, Division 4, Chapter 30, Articles 9

and 10; 40CFR; and any other applicable local, state or federal laws. The Consultant shall not be responsible for the identification or analysis of the potential presence of hazardous materials. However, if observations, odors or soil discoloration cause Consultant to suspect the presence of hazardous materials, the Consultant may request from the Owner the termination of grading operations within the affected area. Prior to resuming grading operations, the Owner shall provide a written report to the Consultant indicating that the suspected materials are not hazardous as defined by applicable laws and regulations.

3.4 The outer 15 feet of *soil-rock* fill slopes, measured horizontally, should be composed of properly compacted *soil* fill materials approved by the Consultant. *Rock* fill may extend to the slope face, provided that the slope is not steeper than 2:1 (horizontal:vertical) and a soil layer no thicker than 12 inches is track-walked onto the face for landscaping purposes. This procedure may be utilized provided it is acceptable to the governing agency, Owner and Consultant.

3.5 Samples of soil materials to be used for fill should be tested in the laboratory by the Consultant to determine the maximum density, optimum moisture content, and, where appropriate, shear strength, expansion, and gradation characteristics of the soil.

3.6 During grading, soil or groundwater conditions other than those identified in the Geotechnical Report may be encountered by the Contractor. The Consultant shall be notified immediately to evaluate the significance of the unanticipated condition.

4. CLEARING AND PREPARING AREAS TO BE FILLED

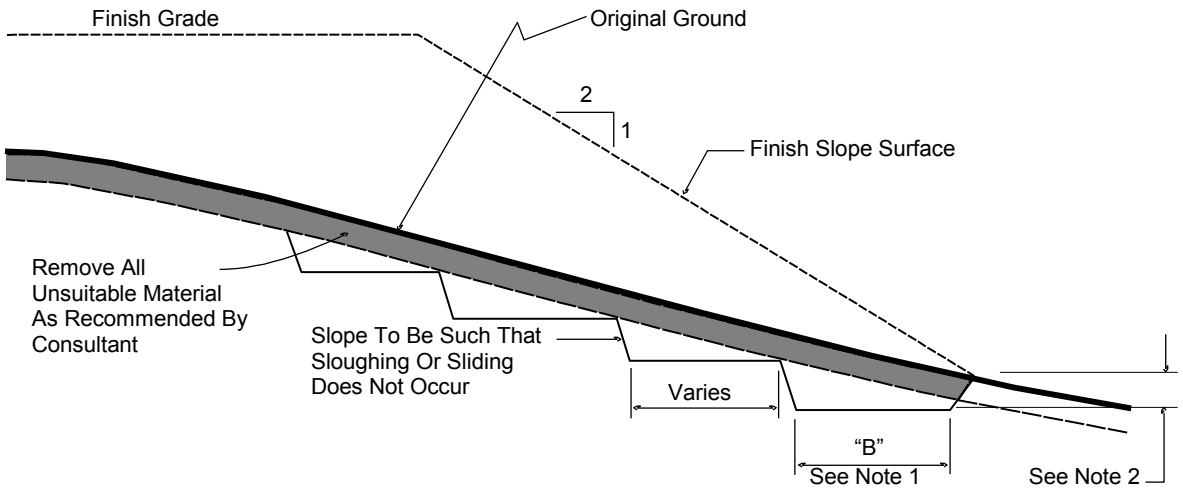
4.1 Areas to be excavated and filled shall be cleared and grubbed. Clearing shall consist of complete removal above the ground surface of trees, stumps, brush, vegetation, man-made structures, and similar debris. Grubbing shall consist of removal of stumps, roots, buried logs and other unsuitable material and shall be performed in areas to be graded. Roots and other projections exceeding 1½ inches in diameter shall be removed to a depth of 3 feet below the surface of the ground. Borrow areas shall be grubbed to the extent necessary to provide suitable fill materials.

4.2 Asphalt pavement material removed during clearing operations should be properly disposed at an approved off-site facility or in an acceptable area of the project evaluated by Geocon and the property owner. Concrete fragments that are free of reinforcing steel may be placed in fills, provided they are placed in accordance with Section 6.2 or 6.3 of this document.

4.3 After clearing and grubbing of organic matter and other unsuitable material, loose or porous soils shall be removed to the depth recommended in the Geotechnical Report. The depth of removal and compaction should be observed and approved by a representative of the Consultant. The exposed surface shall then be plowed or scarified to a minimum depth of 6 inches and until the surface is free from uneven features that would tend to prevent uniform compaction by the equipment to be used.

4.4 Where the slope ratio of the original ground is steeper than 5:1 (horizontal:vertical), or where recommended by the Consultant, the original ground should be benched in accordance with the following illustration.

TYPICAL BENCHING DETAIL



No Scale

DETAIL NOTES:

(1) Key width "B" should be a minimum of 10 feet, or sufficiently wide to permit complete coverage with the compaction equipment used. The base of the key should be graded horizontal, or inclined slightly into the natural slope.

(2) The outside of the key should be below the topsoil or unsuitable surficial material and at least 2 feet into dense formational material. Where hard rock is exposed in the bottom of the key, the depth and configuration of the key may be modified as approved by the Consultant.

4.5 After areas to receive fill have been cleared and scarified, the surface should be moisture conditioned to achieve the proper moisture content, and compacted as recommended in Section 6 of these specifications.

5. COMPACTION EQUIPMENT

5.1 Compaction of *soil* or *soil-rock* fill shall be accomplished by sheepsfoot or segmented-steel wheeled rollers, vibratory rollers, multiple-wheel pneumatic-tired rollers, or other types of acceptable compaction equipment. Equipment shall be of such a design that it will be capable of compacting the *soil* or *soil-rock* fill to the specified relative compaction at the specified moisture content.

5.2 Compaction of *rock* fills shall be performed in accordance with Section 6.3.

6. PLACING, SPREADING AND COMPACTION OF FILL MATERIAL

6.1 *Soil* fill, as defined in Paragraph 3.1.1, shall be placed by the Contractor in accordance with the following recommendations:

6.1.1 *Soil* fill shall be placed by the Contractor in layers that, when compacted, should generally not exceed 8 inches. Each layer shall be spread evenly and shall be thoroughly mixed during spreading to obtain uniformity of material and moisture in each layer. The entire fill shall be constructed as a unit in nearly level lifts. Rock materials greater than 12 inches in maximum dimension shall be placed in accordance with Section 6.2 or 6.3 of these specifications.

6.1.2 In general, the *soil* fill shall be compacted at a moisture content at or above the optimum moisture content as determined by ASTM D 1557.

6.1.3 When the moisture content of *soil* fill is below that specified by the Consultant, water shall be added by the Contractor until the moisture content is in the range specified.

6.1.4 When the moisture content of the *soil* fill is above the range specified by the Consultant or too wet to achieve proper compaction, the *soil* fill shall be aerated by the Contractor by blading/mixing, or other satisfactory methods until the moisture content is within the range specified.

6.1.5 After each layer has been placed, mixed, and spread evenly, it shall be thoroughly compacted by the Contractor to a relative compaction of at least 90 percent. Relative compaction is defined as the ratio (expressed in percent) of the in-place dry density of the compacted fill to the maximum laboratory dry density as determined in accordance with ASTM D 1557. Compaction shall be continuous over the entire area, and compaction equipment shall make sufficient passes so that the specified minimum relative compaction has been achieved throughout the entire fill.

6.1.6 Where practical, soils having an Expansion Index greater than 50 should be placed at least 3 feet below finish pad grade and should be compacted at a moisture content generally 2 to 4 percent greater than the optimum moisture content for the material.

6.1.7 Properly compacted *soil* fill shall extend to the design surface of fill slopes. To achieve proper compaction, it is recommended that fill slopes be over-built by at least 3 feet and then cut to the design grade. This procedure is considered preferable to track-walking of slopes, as described in the following paragraph.

6.1.8 As an alternative to over-building of slopes, slope faces may be back-rolled with a heavy-duty loaded sheepsfoot or vibratory roller at maximum 4-foot fill height intervals. Upon completion, slopes should then be track-walked with a D-8 dozer or similar equipment, such that a dozer track covers all slope surfaces at least twice.

6.2 *Soil-rock* fill, as defined in Paragraph 3.1.2, shall be placed by the Contractor in accordance with the following recommendations:

6.2.1 Rocks larger than 12 inches but less than 4 feet in maximum dimension may be incorporated into the compacted *soil* fill, but shall be limited to the area measured 15 feet minimum horizontally from the slope face and 5 feet below finish grade or 3 feet below the deepest utility, whichever is deeper.

6.2.2 Rocks or rock fragments up to 4 feet in maximum dimension may either be individually placed or placed in windrows. Under certain conditions, rocks or rock fragments up to 10 feet in maximum dimension may be placed using similar methods. The acceptability of placing rock materials greater than 4 feet in maximum dimension shall be evaluated during grading as specific cases arise and shall be approved by the Consultant prior to placement.

6.2.3 For individual placement, sufficient space shall be provided between rocks to allow for passage of compaction equipment.

6.2.4 For windrow placement, the rocks should be placed in trenches excavated in properly compacted *soil* fill. Trenches should be approximately 5 feet wide and 4 feet deep in maximum dimension. The voids around and beneath rocks should be filled with approved granular soil having a Sand Equivalent of 30 or greater and should be compacted by flooding. Windrows may also be placed utilizing an "open-face" method in lieu of the trench procedure, however, this method should first be approved by the Consultant.

6.2.5 Windrows should generally be parallel to each other and may be placed either parallel to or perpendicular to the face of the slope depending on the site geometry. The minimum horizontal spacing for windrows shall be 12 feet center-to-center with a 5-foot stagger or offset from lower courses to next overlying course. The minimum vertical spacing between windrow courses shall be 2 feet from the top of a lower windrow to the bottom of the next higher windrow.

6.2.6 Rock placement, fill placement and flooding of approved granular soil in the windrows should be continuously observed by the Consultant.

6.3 *Rock* fills, as defined in Section 3.1.3, shall be placed by the Contractor in accordance with the following recommendations:

6.3.1 The base of the *rock* fill shall be placed on a sloping surface (minimum slope of 2 percent). The surface shall slope toward suitable subdrainage outlet facilities. The *rock* fills shall be provided with subdrains during construction so that a hydrostatic pressure buildup does not develop. The subdrains shall be permanently connected to controlled drainage facilities to control post-construction infiltration of water.

6.3.2 *Rock* fills shall be placed in lifts not exceeding 3 feet. Placement shall be by rock trucks traversing previously placed lifts and dumping at the edge of the currently placed lift. Spreading of the *rock* fill shall be by dozer to facilitate *seating* of the rock. The *rock* fill shall be watered heavily during placement. Watering shall consist of water trucks traversing in front of the current rock lift face and spraying water continuously during rock placement. Compaction equipment with compactive energy comparable to or greater than that of a 20-ton steel vibratory roller or other compaction equipment providing suitable energy to achieve the required compaction or deflection as recommended in Paragraph 6.3.3 shall be utilized. The number of passes to be made should be determined as described in Paragraph 6.3.3. Once a *rock* fill lift has been covered with *soil* fill, no additional *rock* fill lifts will be permitted over the *soil* fill.

6.3.3 Plate bearing tests, in accordance with ASTM D 1196, may be performed in both the compacted *soil* fill and in the *rock* fill to aid in determining the required minimum number of passes of the compaction equipment. If performed, a minimum of three plate bearing tests should be performed in the properly compacted *soil* fill (minimum relative compaction of 90 percent). Plate bearing tests shall then be performed on areas of *rock* fill having two passes, four passes and six passes of the compaction equipment, respectively. The number of passes required for the *rock* fill shall be determined by comparing the results of the plate bearing tests for the *soil* fill and the *rock* fill and by evaluating the deflection

variation with number of passes. The required number of passes of the compaction equipment will be performed as necessary until the plate bearing deflections are equal to or less than that determined for the properly compacted *soil* fill. In no case will the required number of passes be less than two.

6.3.4 A representative of the Consultant should be present during *rock* fill operations to observe that the minimum number of "passes" have been obtained, that water is being properly applied and that specified procedures are being followed. The actual number of plate bearing tests will be determined by the Consultant during grading.

6.3.5 Test pits shall be excavated by the Contractor so that the Consultant can state that, in their opinion, sufficient water is present and that voids between large rocks are properly filled with smaller rock material. In-place density testing will not be required in the *rock* fills.

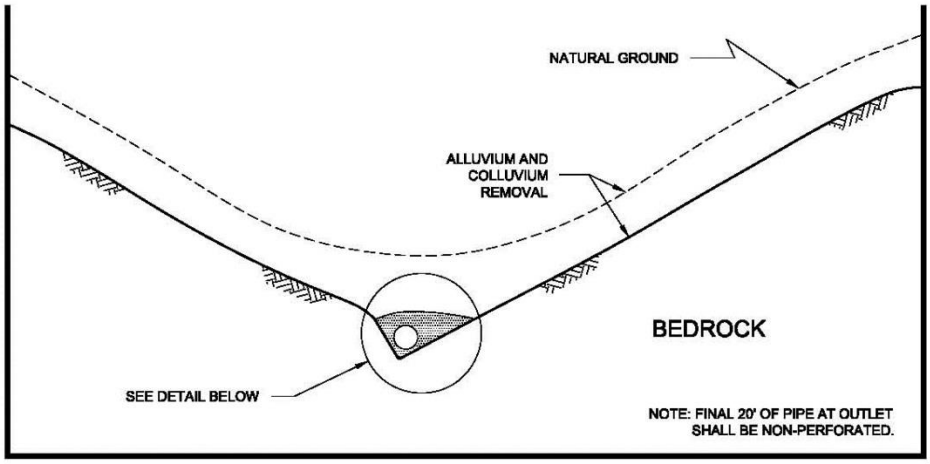
6.3.6 To reduce the potential for "piping" of fines into the *rock* fill from overlying *soil* fill material, a 2-foot layer of graded filter material shall be placed above the uppermost lift of *rock* fill. The need to place graded filter material below the *rock* should be determined by the Consultant prior to commencing grading. The gradation of the graded filter material will be determined at the time the *rock* fill is being excavated. Materials typical of the *rock* fill should be submitted to the Consultant in a timely manner, to allow design of the graded filter prior to the commencement of *rock* fill placement.

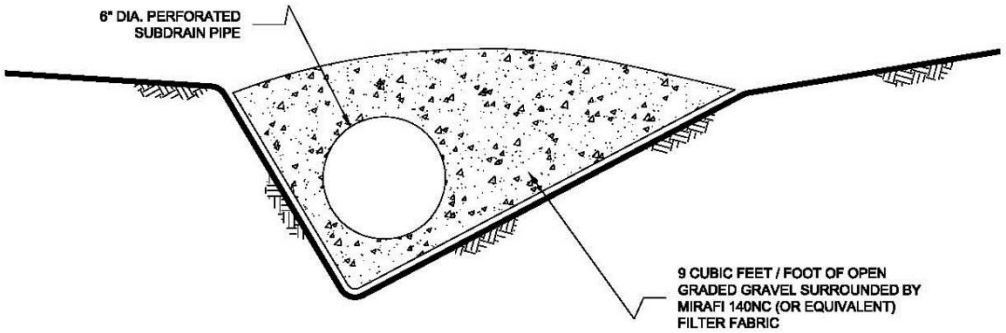
6.3.7 *Rock* fill placement should be continuously observed during placement by the Consultant.

7. SUBDRAINS

7.1 The geologic units on the site may have permeability characteristics and/or fracture systems that could be susceptible under certain conditions to seepage. The use of canyon subdrains may be necessary to mitigate the potential for adverse impacts associated with seepage conditions. Canyon subdrains with lengths in excess of 500 feet or extensions of existing offsite subdrains should use 8-inch-diameter pipes. Canyon subdrains less than 500 feet in length should use 6-inch-diameter pipes.

TYPICAL CANYON DRAIN DETAIL





NOTES:

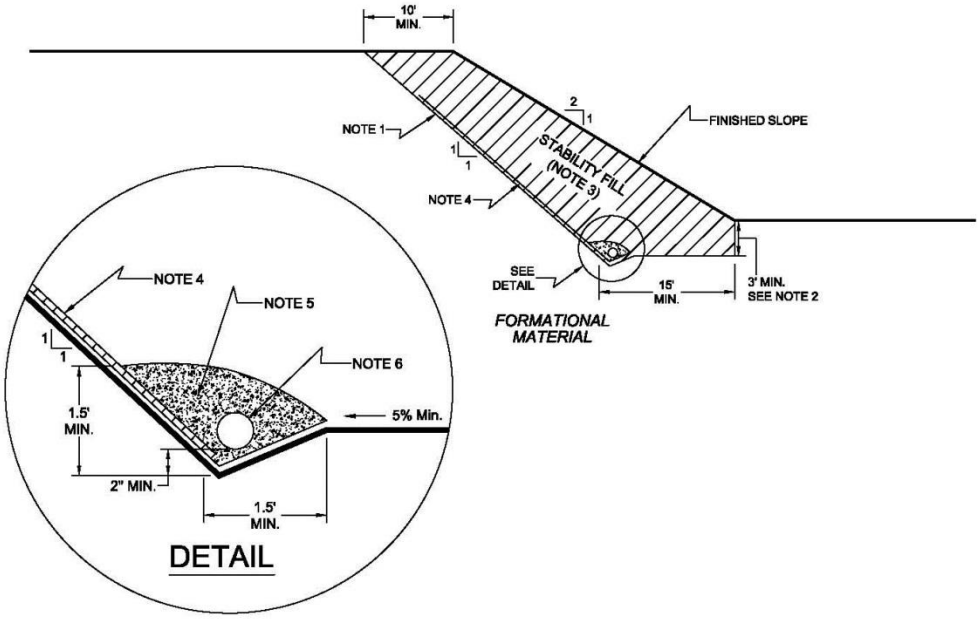
1.....6-INCH DIAMETER, SCHEDULE 80 PVC PERFORATED PIPE FOR FILLS
IN EXCESS OF 100-FEET IN DEPTH OR A PIPE LENGTH OF LONGER THAN 500 FEET.

2.....6-INCH DIAMETER, SCHEDULE 40 PVC PERFORATED PIPE FOR FILLS
LESS THAN 100-FEET IN DEPTH OR A PIPE LENGTH SHORTER THAN 500 FEET.

NO SCALE

7.2 Slope drains within stability fill keyways should use 4-inch-diameter (or lager) pipes.

TYPICAL STABILITY FILL DETAIL



NOTES:

1.....EXCAVATE BACKCUT AT 1:1 INCLINATION (UNLESS OTHERWISE NOTED).

2.....BASE OF STABILITY FILL TO BE 3 FEET INTO FORMATIONAL MATERIAL, SLOPING A MINIMUM 5% INTO SLOPE.

3.....STABILITY FILL TO BE COMPOSED OF PROPERLY COMPACTED GRANULAR SOIL.

4.....CHIMNEY DRAINS TO BE APPROVED PREFABRICATED CHIMNEY DRAIN PANELS (MIRADRAIN G200N OR EQUIVALENT) SPACED APPROXIMATELY 20 FEET CENTER TO CENTER AND 4 FEET WIDE. CLOSER SPACING MAY BE REQUIRED IF SEEPAGE IS ENCOUNTERED.

5.....FILTER MATERIAL TO BE 3/4-INCH, OPEN-GRADED CRUSHED ROCK ENCLOSED IN APPROVED FILTER FABRIC (MIRAFI 140NC).

6.....COLLECTOR PIPE TO BE 4-INCH MINIMUM DIAMETER, PERFORATED, THICK-WALLED PVC SCHEDULE 40 OR EQUIVALENT, AND SLOPED TO DRAIN AT 1 PERCENT MINIMUM TO APPROVED OUTLET.

NO SCALE

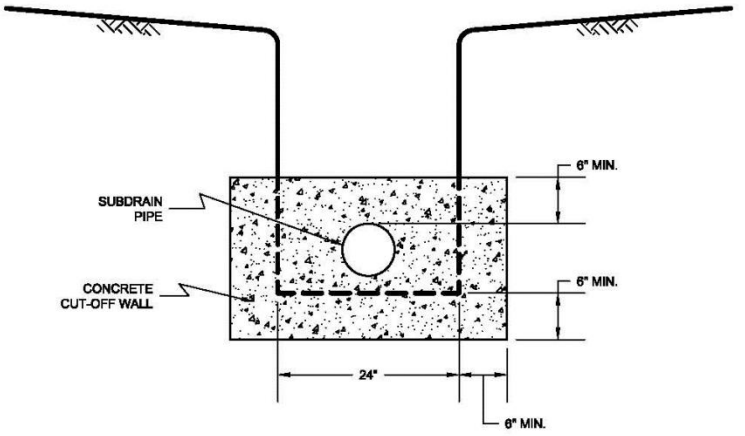
7.3 The actual subdrain locations will be evaluated in the field during the remedial grading operations. Additional drains may be necessary depending on the conditions observed and the requirements of the local regulatory agencies. Appropriate subdrain outlets should be evaluated prior to finalizing 40-scale grading plans.

7.4 *Rock* fill or *soil-rock* fill areas may require subdrains along their down-slope perimeters to mitigate the potential for buildup of water from construction or landscape irrigation. The subdrains should be at least 6-inch-diameter pipes encapsulated in gravel and filter fabric. *Rock* fill drains should be constructed using the same requirements as canyon subdrains.

7.5 Prior to outletting, the final 20-foot segment of a subdrain that will not be extended during future development should consist of non-perforated drainpipe. At the non-perforated/ perforated interface, a seepage cutoff wall should be constructed on the downslope side of the pipe.

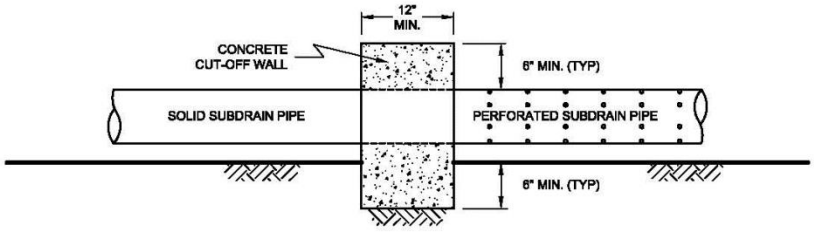
TYPICAL CUT OFF WALL DETAIL

FRONT VIEW



NO SCALE

SIDE VIEW

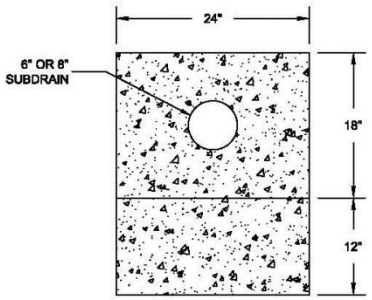


NO SCALE

7.6 Subdrains that discharge into a natural drainage course or open space area should be provided with a permanent headwall structure.

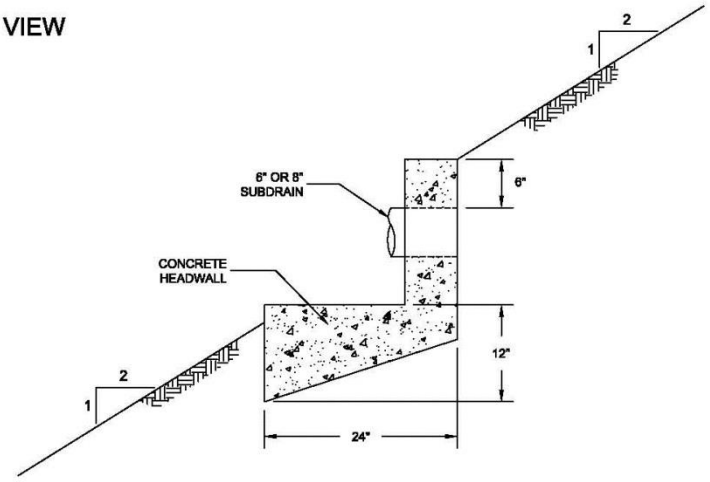
TYPICAL HEADWALL DETAIL

FRONT VIEW



NO SCALE

SIDE VIEW



NOTE: HEADWALL SHOULD OUTLET AT TOE OF FILL SLOPE OR INTO CONTROLLED SURFACE DRAINAGE

NO SCALE

7.7 The final grading plans should show the location of the proposed subdrains. After completion of remedial excavations and subdrain installation, the project civil engineer should survey the drain locations and prepare an "as-built" map showing the drain locations. The final outlet and connection locations should be determined during grading operations. Subdrains that will be extended on adjacent projects after grading can be placed on formational material and a vertical riser should be placed at the end of the subdrain. The grading contractor should consider videoing the subdrains shortly after burial to check proper installation and functionality. The contractor is responsible for the performance of the drains.

8. OBSERVATION AND TESTING

8.1 The Consultant shall be the Owner's representative to observe and perform tests during clearing, grubbing, filling, and compaction operations. In general, no more than 2 feet in vertical elevation of *soil* or *soil-rock* fill should be placed without at least one field density test being performed within that interval. In addition, a minimum of one field density test should be performed for every 2,000 cubic yards of *soil* or *soil-rock* fill placed and compacted.

8.2 The Consultant should perform a sufficient distribution of field density tests of the compacted *soil* or *soil-rock* fill to provide a basis for expressing an opinion whether the fill material is compacted as specified. Density tests shall be performed in the compacted materials below any disturbed surface. When these tests indicate that the density of any layer of fill or portion thereof is below that specified, the particular layer or areas represented by the test shall be reworked until the specified density has been achieved.

8.3 During placement of *rock* fill, the Consultant should observe that the minimum number of passes have been obtained per the criteria discussed in Section 6.3.3. The Consultant should request the excavation of observation pits and may perform plate bearing tests on the placed *rock* fills. The observation pits will be excavated to provide a basis for expressing an opinion as to whether the *rock* fill is properly seated and sufficient moisture has been applied to the material. When observations indicate that a layer of *rock* fill or any portion thereof is below that specified, the affected layer or area shall be reworked until the *rock* fill has been adequately seated and sufficient moisture applied.

8.4 A settlement monitoring program designed by the Consultant may be conducted in areas of *rock* fill placement. The specific design of the monitoring program shall be as recommended in the Conclusions and Recommendations section of the project Geotechnical Report or in the final report of testing and observation services performed during grading.

8.5 We should observe the placement of subdrains, to check that the drainage devices have been placed and constructed in substantial conformance with project specifications.

8.6 Testing procedures shall conform to the following Standards as appropriate:

8.6.1 Soil and Soil-Rock Fills:

8.6.1.1 Field Density Test, ASTM D 1556, *Density of Soil In-Place By the Sand-Cone Method.*

8.6.1.2 Field Density Test, Nuclear Method, ASTM D 6938, *Density of Soil and Soil-Aggregate In-Place by Nuclear Methods (Shallow Depth).*

8.6.1.3 Laboratory Compaction Test, ASTM D 1557, *Moisture-Density Relations of Soils and Soil-Aggregate Mixtures Using 10-Pound Hammer and 18-Inch Drop*.

8.6.1.4. Expansion Index Test, ASTM D 4829, *Expansion Index Test*.

9. PROTECTION OF WORK

9.1 During construction, the Contractor shall properly grade all excavated surfaces to provide positive drainage and prevent ponding of water. Drainage of surface water shall be controlled to avoid damage to adjoining properties or to finished work on the site. The Contractor shall take remedial measures to prevent erosion of freshly graded areas until such time as permanent drainage and erosion control features have been installed. Areas subjected to erosion or sedimentation shall be properly prepared in accordance with the Specifications prior to placing additional fill or structures.

9.2 After completion of grading as observed and tested by the Consultant, no further excavation or filling shall be conducted except in conjunction with the services of the Consultant.

10. CERTIFICATIONS AND FINAL REPORTS

10.1 Upon completion of the work, Contractor shall furnish Owner a certification by the Civil Engineer stating that the lots and/or building pads are graded to within 0.1 foot vertically of elevations shown on the grading plan and that all tops and toes of slopes are within 0.5 foot horizontally of the positions shown on the grading plans. After installation of a section of subdrain, the project Civil Engineer should survey its location and prepare an *as-built* plan of the subdrain location. The project Civil Engineer should verify the proper outlet for the subdrains and the Contractor should ensure that the drain system is free of obstructions.

10.2 The Owner is responsible for furnishing a final as-graded soil and geologic report satisfactory to the appropriate governing or accepting agencies. The as-graded report should be prepared and signed by a California licensed Civil Engineer experienced in geotechnical engineering and by a California Certified Engineering Geologist, indicating that the geotechnical aspects of the grading were performed in substantial conformance with the Specifications or approved changes to the Specifications.

LIST OF REFERENCES

1. 2019 California Building Code, California Code of Regulations, Title 24, Part 2, based on the 2018 International Building Code, prepared by California Building Standards Commission, dated July 2019.

2. ACI 330-08, Guide for the Design and Construction of Concrete Parking Lots, prepared by the American Concrete Institute, dated June 2008.

3. American Concrete Institute, ACI 318-11, Building Code Requirements for Structural Concrete and Commentary, dated August, 2011.

4. American Society of Civil Engineers (ASCE), ASCE 7-16, Minimum Design Loads and Associated Criteria for Buildings and Other Structures, 2017.

5. Anderson, J. G., T. K. Rockwell, and D. C. Agnew, *Past and Possible Future Earthquakes of Significance to the San Diego Region*: Earthquake Spectra, v. 5, no. 2, p. 299-333, 1989.

6. California Department of Conservation, Division of Mines and Geology, *Probabilistic Seismic Hazard Assessment for the State of California*, Open File Report 96-08, 1996.

7. California Geological Survey, *Seismic Shaking Hazards in California*, Based on the USGS/CGS Probabilistic Seismic Hazards Assessment (PSHA) Model, 2002 (revised April 2003). 10% probability of being exceeded in 50 years. http://redirect.conservation.ca.gov/cgs/rghm/pshamap/pshamain.html

8. Geocon Incorporated, *Update Geotechnical Investigation, Old California Restaurant Row, 1000-1080 West San Marcos Boulevard, Sand Marcos, California,* dated February 6, 2020 (Project No. G2487-42-01).

9. *http://www.water.ca.gov.*

10. *http://websoilsurvey.nrcs.usda.gov.*

11. *http://earthquake.usgs.gov/designmaps/us/application.php.*

12. Kennedy, M. P. and S. S. Tan, *Geologic Map of the Oceanside 30'x60' Quadrangle, California,* USGS Regional Map Series, Scale 1:100,000, 2005.

13. Unpublished reports and maps on file with Geocon Incorporated.

14. USGS computer program, *Seismic Hazard Curves and Uniform Hazard Response Spectra.*

Appendix E
Phase I ESA

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1020-1080 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

GEOCON
INCORPORATED

GEOTECHNICAL
ENVIRONMENTAL
MATERIALS

PREPARED FOR

LENNAR
SAN DIEGO, CALIFORNIA

JULY 25, 2022
PROJECT NO. G2487-62-02B

Project No. G2487-62-02B
July 25, 2022

Lennar
16465 Via Esprillo, Suite 150
San Diego, California 92127

Attention: David Shepherd

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
1020-1080 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

Dear Mr. Shepherd:

In accordance with your request and our change order dated July 6, 2022 to our Proposal No. LE-21265, we have performed a Phase I Environmental Site Assessment (ESA) of the property and improvements located at 1020-1080 West San Marcos Boulevard (the Site) in San Marcos, California.

We performed the Phase I ESA to assess the Site for the potential presence of recognized environmental conditions (RECs) as defined by the American Society for Testing and Materials *Designation E 1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* as part of Lennar's due diligence prior to purchasing the Site. The enclosed report describes the Phase I ESA and presents our findings.

We appreciate the opportunity to have performed this Phase I ESA. Please contact us if you have any questions concerning this report or if we may be of further service.

Very truly yours,

GEOCON INCORPORATED

Cole E. Mikesell
Senior Staff Geologist

Troy K. Reist, CEG, MBA
Senior Geologist

CEM:TKR:am

(e-mail) Addressee

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PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

1. INTRODUCTION

We have performed a Phase I Environmental Site Assessment (ESA) of the property at 1020-1080 West San Marcos Boulevard (the Site) located in San Marcos, California. We performed the Phase I ESA for Lennar to assess the Site for the potential presence of recognized environmental conditions (RECs) at the Site as part of Lennar's due diligence prior to purchasing the Site.

This report is organized as follows:

- *Section 1.0 Introduction*- provides a description of the purpose and objectives of the Phase I ESA, defines what constitutes an REC, other qualified RECs, and potential environmental concerns, and describes the Phase I ESA services, limitations, and any identified data gaps;
- *Section 2.0 Site Description*- describes the Site's physical setting and conditions and that of the surrounding area;
- *Section 3.0 User-Provided Information*- summarizes information regarding the Site provided by the Client as the "user" of the Phase I ESA;
- *Section 4.0 Records Review*- summarizes readily available records for the Site and surrounding properties obtained from regulatory and administrative agencies and other sources;
- *Section 5.0 Historical Use*- describes the historical use of the Site and surrounding area ascertained from historical records and information sources;
- *Section 6.0 Site Reconnaissance*- describes our observations of the Site and surrounding properties and facilities from our site and vicinity reconnaissance;
- *Section 7.0 Interviews*- summarizes information obtained from past and present owners, operators and occupants familiar with the Site;
- *Section 8.0 Conclusions and Recommendations*- presents the findings of the Phase I ESA, our conclusions regarding the environmental conditions of the Site, and our recommendations for further environmental assessment, if any;
- *Section 9.0 References*- lists the references for information sources used and cited in the report; and
- *Section 10.0 Qualifications*- provides a qualifications statement from the environmental professional responsible for the Phase I ESA and report.

1.1 Purpose and Objectives

We performed the Phase I ESA to identify evidence or indications of 'RECs at the Site as defined by the American Society for Testing and Materials (ASTM) *Designation E 1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* Section 1.1.1 of ASTM *Designation E 1527-21* defines an REC as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition." De minimis conditions are those that generally do not present a threat to human health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies.

ASTM *Designation E1527-21* also defines 'Historical' and 'Controlled' RECs (HREC and CREC, respectively). An 'Historical REC' is defined as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations)." A 'Controlled REC' is defined as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)." An HREC is not an REC if a property meets current standards for unrestricted residential use. A CREC remains an REC by definition when the property does not meet the unrestricted residential use requirements unconditionally.

We also conducted the Phase I ESA in general accordance with the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Sections 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting an all appropriate inquiries investigation into the previous ownership and uses of a property is to meet the provisions necessary for the landowner, contiguous property owner, and/or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA.

The following principles are an integral part of ASTM *Designation E1527-21*:

- **"Uncertainty Not Eliminated -** No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection

with a subject property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with a subject property, and this practice recognizes reasonable limits of time and cost."

- **"Not Exhaustive -** All Appropriate Inquiries does not mean an exhaustive assessment of a property. There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions. One of the purposes of this practice is to identify a balance between the competing goals of limiting the costs and time demands inherent in performing an environmental site assessment and the reduction of uncertainty about unknown conditions resulting from additional information."

- **"Level of Inquiry is Variable -** Not every property will warrant the same level of assessment. Consistent with good commercial and customary practice, the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry."

- **Level of Inquiry is Variable** - Not every property will warrant the same level of assessment. Consistent with good commercial and customary standards and practices as defined at 42 U.S.C. § 9601(35)(B), the appropriate level of environmental site assessment will be guided by the type of property subject to assessment, the expertise and risk tolerance of the user, future intended uses of the subject property disclosed to the environmental professional, and the information developed in the course of the inquiry."

- **"Comparison with Subsequent Inquiry** - It should not be concluded or assumed that an inquiry was not all appropriate inquiries merely because the inquiry did not identify recognized environmental conditions in connection with a subject property. Environmental site assessments must be evaluated based on the reasonableness of judgments made at the time and under the circumstances in which they were made. Subsequent environmental site assessments should not be considered valid standards to judge the appropriateness of any prior assessment based on hindsight, new information, use of developing technology or analytical techniques, or other factors."

- **"Point in Time** - The environmental site assessment is based upon conditions at the time of completion of the individual environmental site assessment elements." The elements include:

    - Physical Setting Resources – Obtain information about the location and physical characteristics of the Site including its size, topography, geologic, soil, and hydro- and hydrogeologic conditions;

    - User Responsibilities – The user (or the Client) may provide the environmental professional with land title reports and sale agreements for the Site and information about specialized knowledge, commonly known or reasonably ascertainable knowledge, valuation reduction for environmental issues, and/or environmental liens or activity and use limitations for the Site;

    - Government Records – Review readily available federal, state, and local regulatory agency records pertaining to the Site and properties and facilities in the vicinity of the Site;

- Historical Records – Compile and analyze historical information and develop a history of the previous uses of the Site, adjoining and adjacent properties, and surrounding area to help identify the likelihood of past uses having led to RECs for the Site.

- Site Reconnaissance – Visit the Site to make observations to help identify RECs in connection with the Site;

- Owner/Operator/Occupant Interviews – Interview past and present owner(s), operator(s), and occupant(s) to obtain information identifying RECs in connection with the Site.

- Local Government Officials Interviews – Interview state and/or local government agency personnel to obtain information identifying RECs in connection with the Site; and

- Evaluation and Report – Evaluate the Site and prepare the Phase I ESA report in general accordance with Section 12 of ASTM *Designation E1527-21*.

1.2 Scope of Services

We performed the scope of services outlined in our Proposal No. LE-21265 dated May 24, 2021, with the exception that we did not review Sanborn fire insurance maps, as Environmental Data Resources, Inc. (EDR) indicated that there are none available for the Site or surrounding vicinity. The main components of the Phase I ESA and their objectives, as specified by the referenced standards, include the following:

- **Physical Setting:** we reviewed physical setting references for information concerning the topographic, geologic, and hydrogeologic characteristics of the Site and vicinity. Such information may be indicative of pathways (i.e., direction and/or extent) that a contaminant could migrate along in the event of a spill or release.

- **Regulatory Agency Records Review:** we reviewed publicly available Federal, State, and local regulatory agency records for information regarding the use, storage, and disposal of hazardous substances and/or petroleum products at the Site and facilities and properties adjoining or within ¼ mile of the Site. Such records may identify RECs at or potentially affecting the Site.

- **Site History:** we reviewed information regarding the historical uses of the Site and adjoining and nearby facilities and properties back to the Site's and other properties' first use or 1940, whichever is earlier, that could have led to RECs on or near the Site. Historical sources reviewed included aerial photographs, topographic maps, and city directories. In addition, we conducted interviews with persons who were expected to be reasonably knowledgeable about historical and/or current conditions at and uses of the Site.

- **Site Reconnaissance:** we performed a site reconnaissance to observe site conditions and activities for evidence of RECs. The site reconnaissance was for the Site only. We viewed offsite properties and features solely from the vantage of the Site and public thoroughfares.

1.3 Report Limitations

We prepared this Phase I ESA report exclusively for the Client. The information obtained is only relevant for the dates of the records reviewed, the latest site visit, and completion of interviews. The following table lists the report sections and the date completed for the Phase I ESA elements described in Section 1.1.

Phase I ESA Elements	Report Section	Date Completed
Site Description	2.0	July 18, 2022
User-Provided Information	3.0	July 21, 2022
Records Review	4.0	July 20, 2022
Historical Records	5.0	July 19, 2022
Site Reconnaissance	6.0	July 19, 2022
Interviews	7.0	July 21, 2022
Evaluation and Report	8.0	July 25, 2022

Therefore, the information contained herein is only valid as of July 18, 2022, and may require an update after 180 days to reflect updated records and another site reconnaissance to assess current site conditions.

The Client should recognize that a Phase I ESA is not a comprehensive site characterization and should not be construed as such. The findings and conclusions presented in this report are predicated on the site reconnaissance, information in the specified regulatory records, and information regarding the historical usage of the Site, as presented in this report. The Client should also understand that we did not assess the Site for wetlands or perform testing (sample collection and analysis) for asbestos-containing building materials, lead-containing paint, lead in drinking water, radon, methane, mold, per- and polyfluoroalkyl substances, or potential naturally occurring hazards such as asbestos and arsenic as part of this Phase I ESA.

Therefore, the report should only be deemed conclusive with respect to the information obtained. No guarantee or warranty of the results of the Phase I ESA is implied within this report or any subsequent reports, correspondence or consultation, either express or implied. We strived to conduct the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

1.4 Data Gaps and Significant Data Gaps

A data gap is defined by ASTM *Designation E 1527-21* as "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." Data gaps could include such things as insufficient historical information, the inability to interview persons with direct site knowledge (e.g., the owner(s), past owner(s), tenants, workers, etc.) or the lack of access to all parts of a site during the site reconnaissance.

A significant data gap is defined by ASTM Designation E 1527-21 as "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition." These data gaps are only significant if "other information and/or professional experience raises reasonable concerns involving the effects of that data gap on the ability of the environmental professional to render an opinion regarding whether conditions exist that are indicative of recognized environmental conditions or controlled recognized environmental conditions."

We identified no data gaps or significant data gaps during this Phase I ESA. As described in Section 1.2, we did not review Sanborn maps for the Site as EDR indicated that Sanborn map coverage does not exist for the Site and vicinity. However, we were able to review other sufficient historical information and therefore do not consider the lack of Sanborn map coverage a data gap.

2. SITE DESCRIPTION

This section provides information regarding the location and physical characteristics of the Site including its size, topography, geologic, soil, and hydrogeologic conditions.

2.1 Location and Legal Description

The 10.52-acre Site is located at 1020-1080 West San Marcos Boulevard in San Marcos, California (Figure 1). The Site is situated southwest of State Route 78. The San Diego County assessor's parcel numbers (APNs) for the Site are 219-200-30, -31, & -45. A copy of the parcel map is in Appendix A.

The Site is depicted in the northwestern quarter of Section 15 of Township 12 South, Range 3 West, San Bernardino Base and Meridian on the United States Geological Survey's (USGS) *San Marcos, California,* 7.5-minute topographic map (USGS, 2012).

2.2 Site and Vicinity General Characteristics

The Site is developed with several commercial (multi-tenant restaurants) and retail stores. The surrounding vicinity includes commercial office and retail development. Figure 2 depicts the site

boundaries and features and surrounding properties. Further site description is provided in Sections 2.4 and 6.

2.2.1 Topography

The topography of the site vicinity is characterized by a broad, relatively flat alluvial plain that drains to the west-southwest. The USGS *San Marcos, California*, 7.5-minute topographic map (USGS, 2012), depicts the elevation at the Site as approximately ranging from 525 to 535 feet above mean sea level.

2.2.2 Geologic and Soil Conditions

The Site is located in the Peninsular Ranges geomorphic province of Southern California (Norris and Webb, 1990). This geomorphic province extends approximately 900 miles from its northern terminus against the Transverse Ranges and Los Angeles Basin, south to the tip of Baja California. In general, the province is characterized by rugged mountains in Mesozoic igneous and metamorphic rocks to the east, with a dissected coastal plain on Cenozoic sediments to the west. The Peninsular Ranges vary in width from approximately 30 to 100 miles, and are traversed fault zones trending roughly northwest-southeast.

Information concerning the surficial geologic conditions at and in proximity to the Site from the *Geologic Map of the Oceanside 30' X 60' Quadrangle, San Diego County, California* (USGS, 2005) indicates that the Site is underlain by Holocene and late-Pleistocene flood plain deposits, which are typically poorly consolidated, poorly sorted, and permeable.

Information concerning the soil conditions at and in proximity to the Site from the United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey (http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm) indicates that site soil is Placentia sandy loam, which is well drained.

2.2.3 Hydrologic and Hydrogeologic Conditions

Groundwater quality and occurrence information available from the California Department of Water Resources and the California State Water Resources Control Board (SWRCB) indicates that the Site is located in the Richland Hydrologic Sub-Area (904.52) of the San Marcos Hydrologic Area (904.50) Carlsbad Hydrologic Unit (904.00). Groundwater in the Richland Hydrologic Sub-Area has existing beneficial use designations for municipal, agricultural, and industrial supply purposes (SWRCB, 2016).

In an effort to assess local groundwater conditions, we reviewed reports available on the SWRCB's GeoTracker online database (http://geotracker.waterboards.ca.gov) for nearby facilities with a groundwater monitoring well array. Groundwater monitoring wells were installed to the northwest of the Site in 1995 related to assessment of County of San Diego Department of Environmental Health (DEH) Leaking Underground Storage Tank (LUST) case #H04990-002 (described further in Section 4.1.1). The depth to groundwater within these wells was reported to be approximately 11 and 12 feet with groundwater flow towards the southwest.

2.3 Current and Planned Uses of the Site

The majority of the Site is currently used for commercial purposes (restaurants). The Client reported that they plan to develop the majority of the Site for residential use. Further description of the Site is provided in Section 6.

2.4 Descriptions of Structures, Roads, Other Improvements on the Site

The Site is improved with a variety of restaurants, sports bars, eateries, and coffee shops. Further description of the Site is provided in Section 6.3.

2.5 Current Uses of Adjoining Properties

Current uses of adjoining properties are primarily commercial (office and retail). Further information regarding adjoining properties is provided in Section 6.4.

3. USER–PROVIDED INFORMATION

This section summarizes site information provided by the Client – the "user" of this Phase I ESA. On July 6, 2022, we emailed David Shepherd with Lennar a "user" questionnaire and requested any previous environmental reports and/or documents pertaining to the Site. The information provided has been summarized below and a copy of the completed questionnaire is in Appendix B.

3.1 Title, Appraisal and Sale Agreement Records

Mr. Shepherd provided a Preliminary Title Report (PTR) for the Site prepared by First American Title Insurance Company and dated June 14, 2022. The PTR indicates that the site parcels are owned by San Marcos Row, LLC. The PTR identifies no issues regarding the environmental condition of the Site.

3.2 Environmental Liens or Activity and Use Limitations

Mr. Shepherd indicated that he has no knowledge of environmental liens on or activity and use limitations for the Site.

3.3 Specialized Knowledge

Mr. Shepherd indicated he has no specialized knowledge of the Site.

3.4 Commonly Known or Reasonably Ascertainable Information

Mr. Shepherd indicated he is not aware of commonly known or reasonably ascertainable information pertaining to the Site.

3.5 Valuation Reduction for Environmental Issues

Ms. Shepherd is not aware of any environmental conditions on the Site that could lead to a potential valuation reduction for the Site.

3.6 Owner, Property Manager, and Occupant Information

Mr. Shepherd indicated the Site is owned by San Marcos Row, LLC. An owner/occupant questionnaire was sent to Elizaberth Papera, which is summarized in *Section 7*.

3.7 Reason for Performing the Phase I ESA

The Phase I ESA was requested to update the previous Phase I for City submittal.

4. RECORDS REVIEW

This section summarizes information we obtained from readily available agency records for the Site and properties and facilities in the surrounding vicinity.

4.1 Standard Environmental Record Sources

EDR searched federal, state, and local databases regarding the use, storage, disposal, or release of hazardous substances and/or petroleum products for the Site and area within one mile of the Site. The databases that list the Site and/or properties/facilities within one mile of the Site and the number of properties/facilities listed are summarized in the table below. A copy of *The EDR Radius Map™ Report with GeoCheck,* dated July 6, 2022, is in Appendix C.

Database Name	Search Radius (Mile)	Number of Listings
FEDERAL DATABASES		
RCRA CORRACTS (Corrective action activity)	1	2
RCRA-LQG (Resource Conservation and Recovery Act - Large Quantity Generators)	¼	1
RCRA-SQG (Small Quantity Generators)	¼	9
RCRA-VSQG	¼	1
STATE AND LOCAL DATABASES		
SEMS - ARCHIVE	½	1
CA ENVIROSTOR (Department of Toxic Substance Control Database)	1	10
SWF/LF (Solid waste Facilities/Landfill Sites)	½	3
SAN DIEGO CO. SAM (Diego County Site Assessment and Mitigation Program)	½	18
LUST (Leaking Underground Storage Tanks)	½	31
CA SLIC (Spills, Leaks, Investigation, and Cleanup Program)	½	8
CA UST (Underground Storage Tanks)	¼	4
CA AST (Aboveground Storage Tanks)	¼	2
CA FID UST	¼	1
CA SWEEPS UST (Statewide Environmental Evaluation and Planning System)	¼	5
CA HIST UST (Historical Underground Storage Tanks)	¼	3
CERS TANKS	¼	2
SWRCY (Solid Waste Recycling Facilities)	½	1
CERS HAZ WASTE	¼	19
PFAS	½	1
RCRA-NonGen (Resource Conservation and Recovery Act – Non-Generators)	½	29
DRYCLEANERS	¼	1
CORTESE	½	18
HIST CORTESE	½	17
HWP (Hazardous Waste Permit)	1	2
CIWQS	Site Only	1
CA Notify 65	1	2
NPDES (National Pollution Discharge Elimination System)	½	1
EDR HIGH RISK HISTORICAL DATABASES AND EDR RECOVERED GOVERNMENT ARCHIVES		
EDR Historical Auto Stations	¼	1
EDR Historical Cleaner	¼	1

4.1.1 Site

The Site is listed on the NPDES and CIWQS databases. None of these listings are suspected of having caused an REC at the Site.

4.1.2 Offsite Properties

No offsite properties within ⅛ mile (or ¼ mile for LUST facilities) of the Site are identified in the regulatory databases reviewed. Distances reported by EDR may differ from actual distances.

4.1.3 Orphan Summary

EDR's Orphan Summary identifies properties with incomplete address information and therefore cannot be accurately plotted. Four properties are listed but because they are all greater than ½ mile from the Site none are suspected of having caused an REC at the Site.

4.2 Additional Environmental Record Sources

This section summarizes information from additional, readily available environmental record sources regarding the Site and properties/facilities within one mile from the Site.

4.2.1 GeoTracker and EnviroStor Databases

We reviewed GeoTracker and the California Department of Toxic Substance Control's (DTSC) EnviroStor online database (http://www.envirostor.dtsc.ca.gov/public/) for information regarding the Site and nearby properties/facilities that are within ¼ mile of the Site. GeoTracker lists one LUST facility within ¼ mile of the Site which has been granted regulatory closure. EnviroStor does not have information pertaining to the Site any properties/facilities within ¼ mile of the Site.

4.2.2 State of California Department of Conservation, Geologic Energy Management Division

We reviewed the California Geologic Energy Management Division (CalGem) website (https://maps.conservation.ca.gov/doggr/wellfinder) to evaluate the potential for existing/former oil, gas, or geothermal wells on the Site or properties proximal to the Site. CalGem information indicates that no former or current wells are or were located within one mile of the Site.

4.2.3 County of San Diego Department of Agriculture, Weights and Measures

We submitted a request to the County of San Diego, Department of Agriculture, Weights and Measures (DAWM), Pesticide Use Enforcement Division regarding possible use of restricted pesticides/herbicides at the Site. That office maintains such records for approximately 4 years. The DAWM indicated that no record of restricted pesticide/herbicide use was reported for the site APNs for the period of 2018 through 2022.

4.2.4 San Diego Air Pollution Control District

We submitted a request to the San Diego Air Pollution Control District (APCD) for records pertaining to the Site. The APCD indicated that no records are on file for the site APNs.

4.2.5 County of San Diego Department of Environmental Health

We submitted a request to the DEH for records pertaining to the Site. A San Diego Regional Hazardous Materials Questionnaire conducted in 2017 for the Old California Mining Company restaurant located at 1020 San Marcos Boulevard was provided. No evidence of RECs was observed in this questionnaire. These documents are presented in Appendix D.

4.2.6 San Diego Gas and Electric Company

Pad-mounted transformers are present on the Site. Documented discussions with San Diego Gas & Electric Company (SDG&E) representatives regarding transformers indicate that SDG&E has never specified polychlorinated biphenyl (PCB)-containing transformers for its electrical distribution system. Regardless, SDG&E has determined that some older (pre-1980s) mineral transformers were inadvertently contaminated with PCBs by the manufacturer. Based on a statistical sampling and testing program reportedly performed by SDG&E, it is unlikely that transformers found within its service area contain PCBs.

4.3 Previous Documents/Reports

Following are summaries of documents pertaining to the Site.

Advantage Environmental Consultants, LLC - *Phase I Environmental Site Assessment, Old California Restaurant Row, 1020-1080 West San Marcos Boulevard, San Marcos, California, 92078* dated December 1, 2014.

Advantage Environmental Consultants, LLC (AEC) performed a Phase I ESA for the Site in December of 2014 and found no RECs in connection to the Site. AEC also performed a limited asbestos containing materials (ACM) survey. Their findings were as follows:

According to available historical information, the Site buildings were constructed in the late 1970s. AEC performed a limited survey of suspect ACM at the Site. Areas that were not readily accessible, such as enclosed structural columns, enclosed pipe chases, inner walls, above fixed ceilings, etc., were not surveyed. Building materials not addressed in this survey (i.e. roof materials and materials hidden by enclosures) should be considered suspect ACM and handled accordingly until appropriate sampling and analysis determines whether or not they contain asbestos. Building plans were not available for review at the time of the Site visit.

As per the Phase I Environmental Site Assessment and Report Scope of Work, Exhibit A. II.C.2.d (Asbestos Containing Materials), only damaged friable suspect materials were to be sampled and analyzed as part of this survey. No damaged friable suspect ACM was noted. Suspect friable and non-friable materials were observed on-Site and are recorded in the following table.

ASBESTOS SURVEY RESULTS

Location	Type of Material	Friable	Condition of Material	Potential for Disturbance	Asbestos Content	Recommendation
Throughout	Wallboard & plaster/joint compound	No	Good	Moderate	NS	O&M Program
Throughout	Drywall/plaster ceiling	No	Good	Low	NS	O&M Program
Throughout	Ceiling Tile	No	Good	Low	NS	O&M Program
Bathrooms	Vinyl floor tile & mastic	No	Good	Moderate	NS	O&M Program
Throughout	Roofing materials	No	Unknown	Low	NS	O&M Program
Throughout	Insulation (standard and mica)	No	Moderate to Good	Low	NS	O&M Program
Throughout	Exterior Stucco	No	Moderate to Good	Moderate	NS	O&M Program

NS- Not Sampled; O&M- Operations and Management

AEC recommends that suspect ACM be actively managed in accordance with a property-specific Asbestos O&M Program until construction, demolition, or renovations warrant positive identification and/or building material removal.

Geocon, Inc. – *Phase I Environmental Site Assessment, 1010-1080 West San Marcos Boulevard, San Marcos, California*, dated June 10, 2021.

We performed a Phase I ESA for the Site in June of 2021. Our assessment found no evidence of RECs in connection with the Site.

5. HISTORICAL USE

On July 19, 2022, we evaluated the historical uses of the Site and adjacent properties through review of historical aerial photographs, topographic maps, and city directories provided by EDR. This section summarizes information obtained from these sources.

5.1 Aerial Photographs

We reviewed historical aerial photographs for the years 1939, 1946, 1953, 1964, 1967, 1970, 1979, 1985, 1989, 1990, 1994, 1996, 2002, 2005, 2009, 2012 and 2016 (Appendix E) for indications of past land uses that had the potential to have impacted the Site through the use, storage or disposal of hazardous substances and/or petroleum products. The following table summarizes our observations of the Site and adjacent properties.

Year	Observations	
	Site	**Adjacent Properties**
1939 (1" = 500')	The Site appears to have been vacant land with natural vegetation.	Adjacent properties appear to have been vacant land with natural vegetation.
1946 (1" = 500')	Conditions appear to have been similar to those observed on the 1939 aerial photograph.	Conditions appear to have been similar to those observed on the 1939 aerial photograph with the exception that the adjacent property to the east appears to have been developed with a single structure and an airfield landing/departing zone.
1953 (1" = 500')	Conditions appear to have been similar to those observed on the 1946 aerial photograph.	Conditions appear to have been similar to those observed on the 1946 aerial photograph except that the adjacent property to the south appears to have been developed with five elongated structures.
1964 (1" = 500')	Conditions appear to have been similar to those observed on the 1953 aerial photograph.	Conditions appear to have been similar to those observed on the 1953 aerial photograph.
1967 (1" = 500')	Conditions appear to have been similar to those observed on the 1964 aerial photograph.	Conditions appear to have been similar to those observed on the 1964 aerial photograph.

Year	Observations	
	Site	**Adjacent Properties**
1970 (1" = 500')	Conditions appear to have been similar to those observed on the 1967 aerial photograph.	Conditions appear to have been similar to those observed on the 1967 aerial photograph.
1979 (1" = 500')	Conditions appear to have been similar to those observed on the 1970 aerial photograph with the exception that a group of structures appear to have been developed in the central portion of the Site.	Conditions appear to have been similar to those observed on the 1970 aerial photograph with the exception that the adjacent properties to the east and west appear to have been developed with structures.
1985 (1" = 500')	Conditions appear to have been similar to those observed on the 1979 aerial photograph.	Conditions appear to have been similar to those observed on the 1979 aerial photograph with the exception the adjacent properties to the north, northeast, and northwest appear to have been developed with commercial structures.
1989 (1" = 500')	Conditions appear to have been similar to those observed on the 1985 aerial photograph with the exception that the paved parking lot has been extended further north on the Site.	Conditions appear to have been similar to those observed on the 1985 aerial photograph.
1990 (1" = 500')	Conditions appear to have been similar to those observed on the 1989 aerial photograph.	Conditions appear to have been similar to those observed on the 1989 aerial photograph.
1994 (1" = 500')	Conditions appear to have been similar to those observed on the 1990 aerial photograph.	Conditions appear to have been similar to those observed on the 1990 aerial photograph.
1996 (1" = 500')	Conditions appear to have been similar to those observed on the 1994 aerial photograph.	Conditions appear to have been similar to those observed on the 1994 aerial photograph.
2002 (1" = 500')	Conditions appear to have been similar to those observed on the 1996 aerial photograph.	Conditions appear to have been similar to those observed on the 1996 aerial photograph with the exception that the property adjacent to the west appears to have been developed with a commercial facility.
2005 (1" = 500')	Conditions appear to have been similar to those observed on the 2002 aerial photograph.	Conditions appear to have been similar to those observed on the 2002 aerial photograph.
2009 (1" = 500')	Conditions appear to have been similar to those observed on the 2005 aerial photograph.	Conditions appear to have been similar to those observed on the 2005 aerial photograph.
2012 (1" = 500')	Conditions appear to have been similar to those observed on the 2009 aerial photograph.	Conditions appear to have been similar to those observed on the 2009 aerial photograph.
2016 (1" = 500')	Conditions appear to have been similar to those observed on the 2012 aerial photograph.	Conditions appear to have been similar to those observed on the 2012 aerial photograph.

We observed no conditions on or uses of the Site or adjoining properties on the historical aerial photographs with the potential to have caused an REC at the Site.

5.2 Topographic Maps

We reviewed historical topographic maps for the years 1893, 1901, 1947, 1948, 1949, 1968, 1983, 1996, 2012, 2015, and 2018 (Appendix E). The following table summarizes observations of the Site and adjacent properties on the historical topographic maps.

Year	Observations	
	Site	**Adjacent Properties**
1893 (1:62,500)	No structures or land use are depicted on the Site.	No structures or land use are depicted on the adjacent properties.
1901 (1:62,500)	Conditions are similar to those depicted on the 1893 topographic map.	Conditions are similar to those depicted on the 1893 topographic map.
1947 (1:50,000)	Conditions are similar to those depicted on the 1901 topographic map with the exception that a stream is depicted extending roughly east to west.	Conditions are similar to those depicted on the 1901 topographic map with the exception that multiple streams are depicted extending roughly from the northeast to the southeast across the adjacent properties to the north, east, and west.
1948 (1:24,000)	Conditions are similar to those depicted on the 1947 topographic map.	Conditions are similar to those depicted on the 1947 topographic map with the exception that a single structure and airfield are depicted on the adjacent property to the east.
1949 (1:24,000)	Conditions are similar to those depicted on the 1948 topographic map.	Conditions are similar to those depicted on the 1948 topographic map.
1968 (1:24,000)	Conditions are similar to those depicted on the 1949 topographic map.	Conditions are similar to those depicted on the 1949 topographic map with the exception that two structures are depicted on the adjacent properties to the south.
1983 (1:24,000)	Conditions are similar to those depicted on the 1968 topographic map with the exception that four structures are depicted in the central portion of the Site and are shaded pink depicting an urban environment.	Conditions are similar to those depicted on the 1968 topographic map with the exception that structures adjacent to the east, south, and west are shaded pink indicating an urban environment.
1996 (1:24,000)	The Site is shaded pink indicating an urban environment.	The adjacent properties are shaded pink indicating an urban environment.
2012 (1:24,000)	No shading or structures are depicted.	No shading or structures are depicted.
2015 (1:24,000)	No shading or structures are depicted.	No shading or structures are depicted.
2018 (1:24,000)	No shading or structures are depicted.	No shading or structures are depicted.

The historical topographic maps depict no conditions, structures, or uses on the Site or adjacent properties that would suggest the presence of RECs.

5.3 City Directories

EDR prepared an abstract of city directories including city, cross-reference, and telephone directories summarized in the *EDR-City Directory Image Report* dated July 11, 2022. The directories were reviewed at approximately 5-year intervals, if available, from 1971 to 2017. A copy of the EDR city directory abstract including information regarding offsite facilities is in Appendix G. Commercial businesses located at the Site are listed from 1986 to 2017. Adjoining properties listed in the EDR report include a variety of commercial business names. None of the listed commercial businesses suggest the storage or use of hazardous substances or petroleum products on their properties.

6. SITE RECONNAISSANCE

This section summarizes observations of the Site and surrounding properties made during the site reconnaissance.

6.1 Methodology and Limiting Conditions

Cole E. Mikesell, Senior Staff Geologist with Geocon, performed the site reconnaissance unaccompanied on July 19, 2022, by walking the Site. Mr. Mikesell performed the offsite survey by observing adjacent properties from the Site and adjacent public streets. Weather on the day of the site reconnaissance was clear with temperatures in the mid-70s. Photographs of various site features and offsite properties are appended. Figure 2 is a Site Plan illustrating selected site features.

6.2 Site Setting

The Site is located in an area of predominantly commercial and retail use. The Site is surrounded by commercial and retail facilities to the north, east, south and west.

6.3 Onsite Survey

The Site is a relatively flat site with asphalt concrete paved parking areas and several commercial buildings occupied by current and former restaurant tenants (Photographs 1 through 6). A recycling, utilities, and equipment storage area is located in the central portion of 1020 West San Marcos Boulevard (Photographs 7 through 9). A non-operational well was observed in the northwestern portion of the Site (Photograph 10). The majority of the Site consists of paved parking areas supporting the onsite and offsite commercial tenants (Photographs 11 through 18). We observed no odors, pools of liquid, significantly stained soil or distressed vegetation on the Site. We observed no evidence of RECs on the Site.

Although, we did not access the interior of the buildings during our recent site reconnaissance, our previous assessment in June 2021 did not observe evidence of RECs. Based on the recent assessment, site use and condition of the property, we do not consider this a significant data gap.

6.4 Offsite Survey

Properties within the site vicinity include:

- **North:** Commercial and retail use (Photographs 19 and 20).
- **South:** Commercial and retail use (Photograph 21).
- **East:** Commercial and retail use (Photograph 22).
- **West:** Commercial and retail use (Photographs 23 and 24).

We observed no evidence of RECs on the surrounding properties.

7. INTERVIEWS

On July 6, 2022, the current property owner representative, Elizaberth Papera, reported via a site owner/occupant questionnaire (Appendix B), that the Site is currently used for retail purposes. The owner/occupant questionnaire identifies no environmental concerns.

8. CONCLUSIONS AND RECOMMENDATIONS

We have performed a Phase I ESA, in general conformance with the scope and limitations of ASTM *Designation E 1527-21* of the 10.52-acre property located at 1020-1080 West San Marcos Boulevard in San Marcos, California. Exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

The Phase I ESA has revealed no evidence of RECs or significant data gaps in connection with the Site. No further environmental investigation of the Site appears to be warranted at this time.

If soil staining or petroleum odors are observed during redevelopment, we recommend retaining Geocon to observe and possibly sample areas of potential impact to determine if further action is warranted. Additionally, any undocumented subsurface structures or areas of apparent contamination encountered during site redevelopment activities including septic tanks, USTs, wells, etc. should be properly abandoned/removed in accordance with San Diego County regulatory requirements.

9. REFERENCES

Advantage Environmental Consultants, LLC - *Phase I Environmental Site Assessment, Old California Restaurant Row, 1020-1080 West San Marcos Boulevard, San Marcos, California,* 92078 dated December 1, 2014.

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Department of Agriculture, Weights, and Measures, Gemma Bilog, electronic mail communication, July 12, 2022.

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Department of Toxic Substance Control EnviroStor website, http://www.envirostor.dtsc.ca.gov, 2022.

Geocon, Inc. – *Phase I Environmental Site Assessment, 1010-1080 West San Marcos Boulevard, San Marcos, California,* dated June 10, 2021.

Norris, R. M. and Webb, R. W., *Geology of California* (2nd edn). New York: John Wiley & Sons, Inc., 1990.

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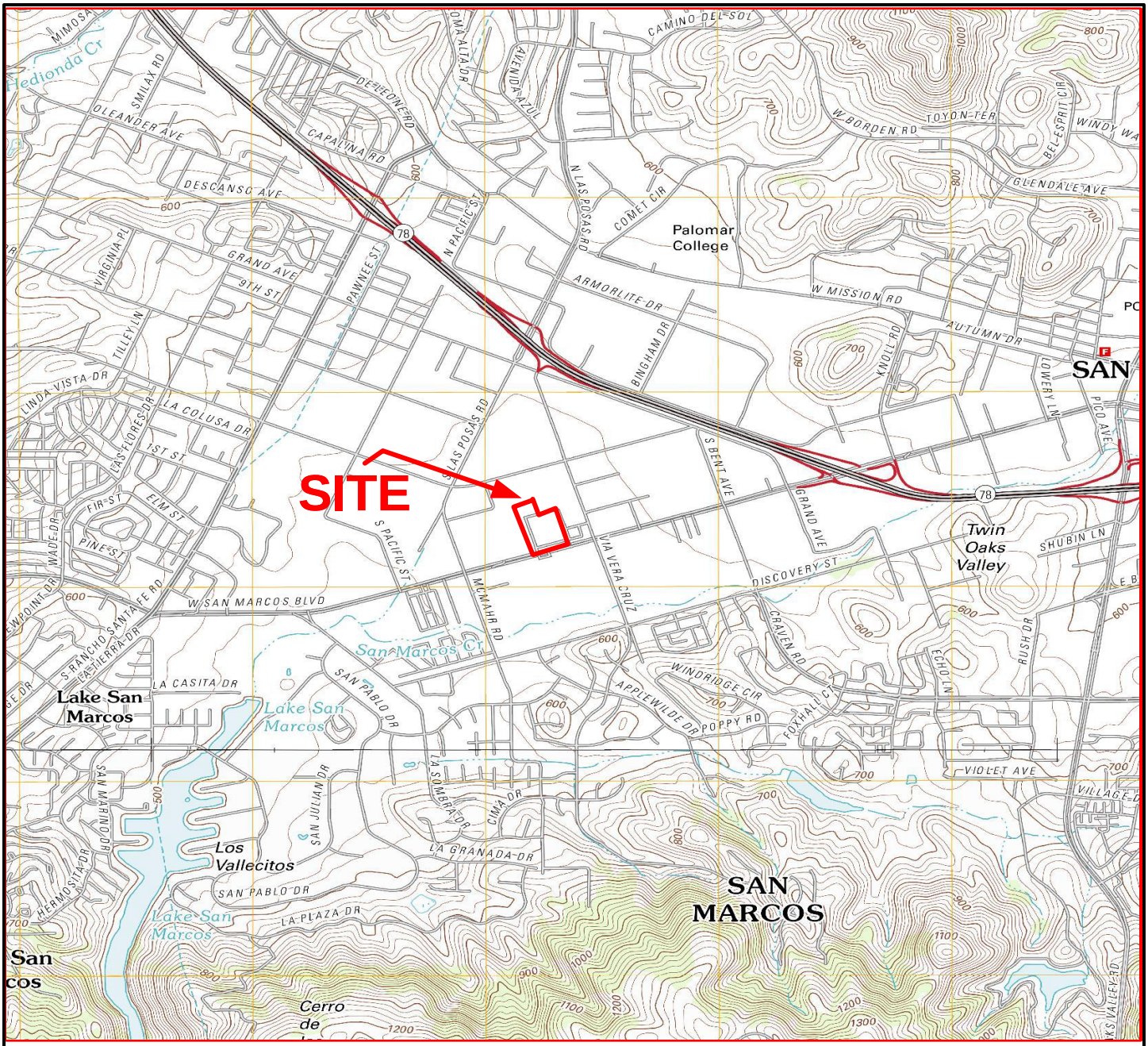
United States Department of Agriculture Natural Resources Conservation Service, Web Soil Survey, http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm, 2022.

10. QUALIFICATIONS

This Phase I ESA report was prepared by Cole E. Mikesell with oversight by Troy K. Reist, CEG, MBA. 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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Mr. Mikesell has a BS degree in Geology with an emphasis in Environmental Geosciences and is a certified Geologist-In-Training in the State of California. Mr. Mikesell has 6 years of experience in the geotechnical and environmental consulting industry. He has performed exploratory drilling, infiltration testing, foundation and earthworks observation, and prepared Phase I and Phase II ESAs throughout southern California.

Mr. Reist has over 24 years of experience in the environmental and geotechnical consulting industry in California. Mr. Reist is a Professional Geologist and Certified Engineering Geologist with a BS degree in Geology and a master's degree in Business Administration. His personal experience includes performing environmental site assessments, geotechnical investigations, and management of residential, commercial, and industrial projects throughout California.



Base Map:
USGS Topographic Map, 7.5-minute Series
San Marcos, CA
Scale 1:24,000

N

NO SCALE

VICINITY MAP

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CEM		

1020-1080 WEST SAN MARCOS BOULEVARD
SAN MAROCS, CALIFORNIA

JULY 2022	PROJECT NO. G2487-62-02B	FIG. 1

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

COMMERCIAL / RETAIL

COMMERCIAL / RETAIL

COMMERCIAL / RETAIL

COMMERCIAL / RETAIL

BOARDWALK

VIA VERA CRUZ

W SAN MARCOS BLVD

APPROXIMATE SITE BOUNDARY

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

Google Earth

THE GEOGRAPHICAL INFORMATION MADE AVAILABLE FOR DISPLAY WAS PROVIDED BY GOOGLE EARTH, SUBJECT TO A LICENSING AGREEMENT. THE INFORMATION IS FOR ILLUSTRATIVE PURPOSES ONLY; IT IS NOT INTENDED FOR CLIENT'S USE OR RELIANCE AND SHALL NOT BE REPRODUCED BY CLIENT. CLIENTS SHALL INDEMNIFY, DEFEND AND HOLD HARMLESS GEOCON FROM ANY LIABILITY INCURRED AS A RESULT OF SUCH USE OR RELIANCE BY CLIENT.

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24 - APPROXIMATE LOCATION AND DIRECTION OF PHOTOGRAPH

N

NOT TO SCALE

SITE PLAN

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FIGURE 2
DATE JULY 2022

Photograph #1
View to the northwest of 1020 West San Marcos Boulevard.

Photograph #2
View to the east of 1020 West San Marcos Boulevard.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #3
View to the southwest of 1080 West San Marcos Boulevard.

Photograph #4
View to the west along the southern boundary of the Site.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #5
View to the east along the southern boundary of the Site.

Photograph #6
View to the southwest of 1020 West San Marcos Boulevard.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #7
Trash compactor located in the central portion of 1020 West San Marcos Boulevard.

Photograph #8
Grease collection container and empty beer kegs located in the central portion of 1020 West San Marcos Boulevard.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

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Photograph #9
Pad-mounted transformer located in the central portion of 1020 West San Marcos Boulevard.

Photograph #10
Well located in the northwestern portion of the Site.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #11
View to the north along the eastern boundary of the Site.

Photograph #12
View to the northwest across the northern portion of the Site.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #13
View to the east along the eastern boundary of the Site.

Photograph #14
View to the west along northern boundary of the Site.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #15
View to the southeast along the northern boundary of the Site.

Photograph #16
View to the north towards the northwestern portion of the Site.

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1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #17
View to the southwest along the northern boundary of the Site.

Photograph #18
View to the south along the western boundary of the Site.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #19
Commercial properties adjacent to the north of the Site.

Photograph #20
Commercial properties adjacent to the north of the Site.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #21
San Marcos Boulevard beyond which are commercial properties.

Photograph #22
Commercial properties adjacent to the east of the Site.

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SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

Photograph #23
Commercial properties adjacent to the west of the Site.

Photograph #24
Parking lot, beyond which are commercial properties adjacent to the west of the Site.

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CEM | JULY 2022

SITE PHOTOGRAPHS

1020-1080 SAN MARCOS BOULEVARD
SAN MARCOS, CALIFORNIA

PROJECT NO. G2487-62-02B

APPENDIX A

13

219–20
SHT 1 OF 2

1"=200'

11/16/2005 EK

CHANGES				
BLK	OLD	NEW	YR	CUT
200	9	47&48	97	1304
	25&48	49	97	1439
	49	50&51	97	1631
	43&50	52	99	1032
	52	SAME& ST OP	06	4728

1* NO ACCESS

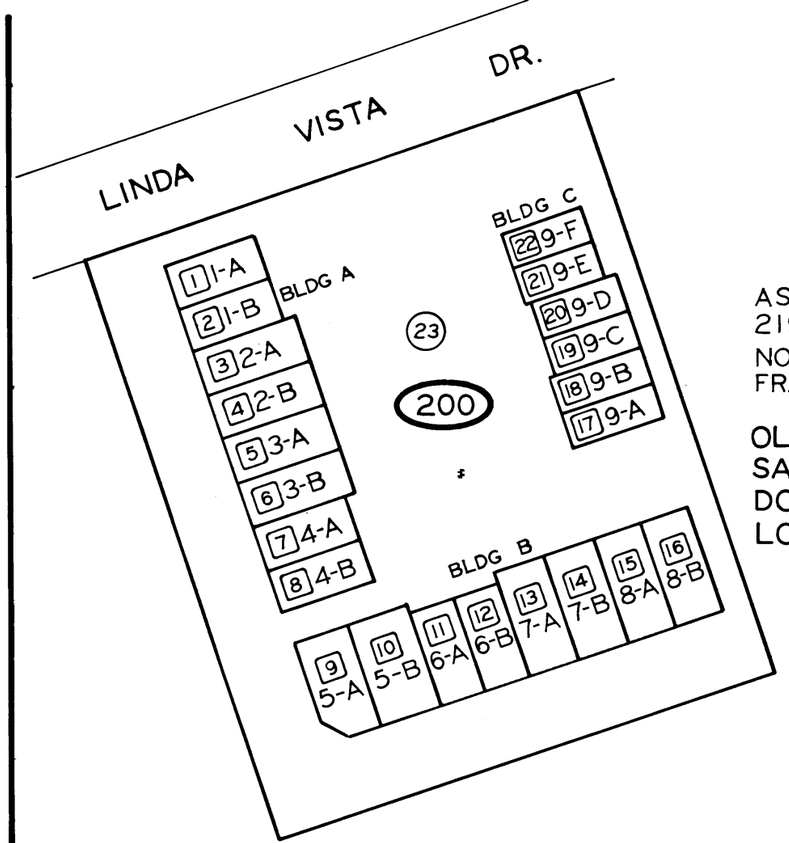
MAS 9-1-70

SAN DIEGO COUNTY
ASSESSOR'S MAP
BOOK 219 PAGE 20 SHT 1 OF 2

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559

13



219-20
SHT. 2

NO SCALE

9-26-84
N.A.

ASSESSMENT PAR. NO.
219-200-23 SUB. ID. 01-22
NOTE: EACH SUB. ID. INCLUDES A FRACTL. INT. IN COMMON AREA

OLD MILL PARK
SAN MARCOS II
DOC 84-122110
LOT 1

N.A. 9-26-84

SAN DIEGO COUNTY
ASSESSOR'S MAP
BOOK 219 PAGE 20 SHT. 2
MAPPED FOR ASSESSMENT PURPOSES ONLY

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

CONDOMINIUM

MAP 10841-SAN MARCOS TCT. NO. 255

APPENDIX B

CLIENT–PROVIDED INFORMATION FOR THE SITE

Site: 1020-1080 West San Marcos Boulevard, San Marcos, CA; Project No. G2487-62-02B

***Please elaborate on any question answered "yes." If the question does not apply to the site, please answer "N/A".**

1. If possible, please provide us with the title, appraisal, or sale agreement records to review and discuss in the Phase I ESA.
   PTR included with email containing this questionnaire

2. Are you aware of any environmental liens or activity and use limitations associated with the Site?
   No.

3. Do you have any specialized knowledge of the Site?
   No.

4. Please provide any commonly known or reasonably ascertainable information about the Site.
   No.

5. Who currently owns, manages, and operates the Site?
   San Marcos Row, LLC

6. Has the monetary value of the Site been reduced due to environmental issues associated with the Site or adjacent properties?
   No.

7. Why are you requesting a Phase I ESA for the Site?
   Update to previous Phase 1 for City submittal.

David W. Shepherd_____ 07082022_____
NAME (IN PRINT) DATE

_____ Lennar Homes, Director of Entitlements___
SIGNATURE COMPANY NAME AND TITLE

Please feel free to contact me if you have any questions.
When complete, return the questionnaire via email or fax:

Mr. Cole Mikesell
Geocon Incorporated
Cmikesell@geoconinc.com
(619) 788-3750 PHONE
(858) 558-6159 FAX

PROPERTY BACKGROUND INFORMATION QUESTIONNAIRE FOR SITE OWNER, OCCUPANT, OR REPRESENTATIVE

SITE: 1020-1180 W. San Marcos Blvd; Project No. G2487-62-02A

***Please elaborate on any question answered "yes." If the question does not apply to the site, please answer "N/A".**

1) Describe the current uses of the Site. **RETAIL**

2) How long has the Site been used for theses purposes? **DON'T KNOW**

3) How long have you occupied the Site? **DON'T OCCUPY**

4) List the existing structures on the property and their age. **DON'T KNOW**

5) Describe the past uses, owners, and operators of the Site. (Be as detailed as possible and note approximate time periods.) **DON'T KNOW**

6) Utilities including electricity, natural gas, water, sewer, and trash removal are provided to the Site by which utility/companies.

Water – Vallecitos Water District
Sewer – Vallecitos Water District
Electricity - SDGE
Natural Gas - SDGE
Trash – EDCO

7) What type of heating, ventilating, and air conditioning (HVAC) system is located at the Site and how is the HVAC system powered? **DON'T KNOW**

8) Have the Site or adjoining properties been used for industrial activities, such the following? (Please note that an adjoining property is a property that is contiguous with, or directly across the street from the Site.)

Gasoline Station	[ ] Yes [ ] No
Printing Facility	[ ] Yes [ ] No
Metal Plating Manufacturing	[ ] Yes [ ] No
Landfill	[ ] Yes [ ] No.
Motor Repair Facility	[ ] Yes [ ] No
Dry Cleaners	[ ] Yes [ ] No
Junkyard	[ ] Yes [ ] No
Waste Treatment	[ ] Yes [ ] No
Storage, Disposal, or Recycling Facility	[ ] Yes [ ] No

DON'T KNOW ANSWER TO ANY OF THESE
Describe other industrial activities, if any.

9) Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped aboveground, buried, or burned on the Site?

[ ] Yes [ ] No. DON'T KNOW

10) Have any of the following items been stored on the Site in containers greater than 5 gallons?

Paint [ ] Yes [ ] No
Chemicals [ ] Yes [ ] No
Pesticides [ ] Yes [ ] No

DON'T KNOW

11) Are hazardous wastes generated at the Site? If yes, describe the means of disposal and frequency of disposal.

[ ] Yes [ ] No

DON'T KNOW

12) Have petroleum products been stored on the Site or transferred across the Site in pipelines, either above or belowground?

[ ] Yes [ ] No

DON'T KNOW

13) Has fill dirt been brought onto the Site from an offsite source?

[ ] Yes [ ] No

DON'T KNOW

14) Is there evidence that the fill dirt in Question 13 may be contaminated?

[ ] Yes [ ] No

DON'T KNOW

15) Are there currently any pits, ponds, or lagoons on the Site?

[ ] Yes [ ] No
DON'T KNOW

16) Have any pits, ponds, or lagoons previously existed on the Site?

[ ] Yes [ ] No
DON'T KNOW

17) Are there currently areas on the Site with stained soil?

[ ] Yes [ ] No

DON'T KNOW

18) Have stained soils previously existed on the Site?

[ ] Yes [ ] No

DON'T KNOW

19) Do chemical-containing underground or aboveground storage tanks exist, or have they existed previously on the Site?

[ ] Yes [ ] No

DON'T KNOW

20) Do fill pipes, vent pipes, or access ways indicating the presence of current or former underground storage tanks exist on the Site?

[ ] Yes [ ] No

DON'T KNOW

21) Have fill pipes or vent pipes which may indicate the presence of a current or former underground storage tank been removed from the Site?

[ ] Yes [ ] No

DON'T KNOW

22) Are floor drains stained with anything other than water in any area on the Site?

[ ] Yes [ ] No

DON'T KNOW

23) Do floor drains on the Site emit foul odors?

[ ] Yes [ ] No

DON'T KNOW

24) Is the Site served by a private well or a non-public water source?

[ ] Yes [ ] No

25) Are contaminants known to exist in any private well or non-public water system serving the Site?

[ ] Yes [ ] No

DON'T KNOW

26) Does the Site discharge wastewater, other than domestic wastewater or storm water, into the sewer?

[ ] Yes [ ] No

DON'T KNOW

27) Other than permission for domestic hookup, have any city, county, or local permits for wastewater discharge been issued to the Site?
[ ] Yes [ ] No

DON'T KNOW

28) Does a septic tank exist, or has one existed previously on the Site?

[ ] Yes [ ] No

DON'T KNOW

29) Do cesspools or cisterns currently exist on the Site?

[ ] Yes [ ] No

DON'T KNOW

30) Have cesspools or cisterns previously existed on the Site?

[ ] Yes [ ] No

DON'T KNOW

31) Other than storm water, does the Site discharge waste water onto the neighboring Site?

[ ] Yes [ ] No

DON'T KNOW

32) Is there a transformer or capacitor that may contain PCBs on the Site?

[ ] Yes [ ] No

DON'T KNOW

33) Is there hydraulic equipment such as automobile lifts or elevators on the Site?

[ ] Yes [ ] No

DON'T KNOW

34) Are PCBs contained in hydraulic oil associated with hydraulic equipment located on the Site?

[ ] Yes [ ] No

DON'T KNOW

35) Has an asbestos and/or lead-based paint survey been conducted at the Site? If so, what were the findings?

[ ] Yes [ ] No

DON'T KNOW

36) Other than small quantities of legal pesticides used for landscape maintenance (e.g., Roundup), have pesticides, herbicides, or insecticides been applied on the Site?
[ ] Yes [ ] No

DON'T KNOW

37) Are you aware of any environmental liens against the Site that are filed or recorded under federal, tribal, state, or local law?

[ ] Yes [ ] No

DON'T KNOW

38) Have any environmental violations or citations associated with activities conducted on the Site been issued?

[ ] Yes [ ] No

DON'T KNOW

39) Has the Site been included in other environmental assessments? If so, can copies of the reports be provided?

[ ] Yes [ ] No

DON'T KNOW

40) Have other environmental assessments identified hazardous substances or petroleum products that exist, or may have existed on the Site?

[ ] Yes [ ] No

DON'T KNOW

41) Are there any pending lawsuits that involve the release or threatened release of hazardous substances associated with the Site?

[ ] Yes [ ] No

DON'T KNOW

42) Are you aware of any activity and land use limitations, such as engineering controls, land use restrictions or institutional controls that are in place on the Site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

[ ] Yes [ ] No

DON'T KNOW

43) Are you aware of any commonly known or reasonably ascertainable information about the Site that would help the environmental professional to identify conditions indicative of hazardous substance releases or threatened hazardous substance releases?

[ ] Yes [ ] No

DON'T KNOW

44) Do you have any specialized knowledge or experience related to the Site or nearby properties, including the knowledge of the chemicals and processes used by this type of business?

[ ] Yes [ ] No

DON'T KNOW

45) Based in your knowledge or experience related to the Site, are there any obvious indicators that point to the presence or likely presence of contamination at the Site?

[ ] Yes [ ] No

DON'T KNOW

46) If the purchase price of the Site was below fair market value, did this occur because contamination was/is known or believed to be present on the Site?

[ ] Yes [ ] No [ ] N/A
DON'T KNOW

ELIZABERTH PAPERA 7-6-22
NAME (IN PRINT) DATE

_____
SIGNATURE

[ ] Owner [ ] Occupant [X] Owner Representative

Please feel free to contact me if you have any questions.
When complete, return the questionnaire via email or fax:

Troy Reist
Geocon Incorporated
reist@geoconinc.com
(858) 558-6900 ext 211

APPENDIX C

1020-1080 West San Marcos Boulevard
1020 West San Marcos Boulevard
San Marcos, CA 92078

Inquiry Number: 7043715.2s
July 06, 2022

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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Orphan Summary	1610
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GEOCHECK ADDENDUM

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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 (E1527-21), 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

1020 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CA 92078

COORDINATES

Latitude (North):	33.1353590 - 33ˆ 8' 7.29''
Longitude (West):	117.1899260 - 117ˆ 11' 23.73''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	482284.7
UTM Y (Meters):	3666117.5
Elevation:	531 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12015921 SAN MARCOS, CA
Version Date:	2018
South Map:	12015911 RANCHO SANTA FE, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140530, 20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1020 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CA 92078

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	OLD CALIFORNIA RESTA	1020 WEST SAN MARCOS	NPDES, CIWQS		TP
A2	LA COSTA SILKSCREEN	445 RYAN DR	RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO, HAZNET,...	Lower	62, 0.012, WNW
A3	PUMP IT UP OF SAN MA	445 RYAN DR	EDR Hist Auto	Lower	62, 0.012, WNW
B4	SEARS ROEBUCK & CO #	1100 SAN MARCOS BLVD	San Diego Co. HMMD, SWEEPS UST, HIST UST, HWTS	Lower	93, 0.018, SW
B5	SEARS, ROEBUCK AND C	1100 NORTHRIDGE SHOP	SWEEPS UST, HIST UST, CA FID UST	Lower	93, 0.018, SW
A6	SHOFU DENTAL CORPORA	1225 STONE DR	CERS HAZ WASTE, HAZNET, HWTS	Lower	311, 0.059, WNW
A7	SHOFU DENTAL CORPORA	1225 STONE DR	RCRA NonGen / NLR	Lower	311, 0.059, WNW
A8	SHOFU DENTAL CORPORA	1225 STONE DR	RCRA-SQG, FINDS, ECHO	Lower	311, 0.059, WNW
C9	ACCU TECH LASER PROC	1175 LINDA VISTA DRI	San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, NPDES,..	Higher	359, 0.068, NW
C10	A SQUARED TECHNOLOGI	1195 LINDA VISTA DR	San Diego Co. HMMD, CERS HAZ WASTE, CERS	Higher	359, 0.068, NW
C11	A SQUARED TECHNOLOGI	1195 LINDA VISTA DR	RCRA NonGen / NLR	Higher	359, 0.068, NW
C12	ACCU-TECH LASER PROC	1175 LINDA VISTA DR	RCRA NonGen / NLR	Higher	359, 0.068, NW
C13	PARABILIS SPACE TECH	1195 LINDA VISTA DR.	RCRA NonGen / NLR	Higher	359, 0.068, NW
C14	ALPHA GRAPHICS 554	1205 LINDA VISTA DR	San Diego Co. HMMD, CERS HAZ WASTE	Higher	361, 0.068, NW
C15	SIENNA PRINT & DESIG	1205 LINDA VISTA DR	RCRA NonGen / NLR	Higher	361, 0.068, NW
C16	MCCAIN TRAFFIC SUPPL	1205 LINDA VISTA RD	RCRA-SQG, FINDS, ECHO	Higher	361, 0.068, NW
C17	METAL ETCH SERVICES	1165 LINDA VISTA DR	San Diego Co. HMMD, CERS HAZ WASTE, CERS	Higher	383, 0.073, NNW
C18	METAL ETCH SERVICES,	1165 LINDA VISTA DRI	RCRA-SQG	Higher	383, 0.073, NNW
C19	METAL ETCH SERVICES	1165 LINDA VISTA DR	RCRA NonGen / NLR	Higher	383, 0.073, NNW
D20	ALEX PAUL ENTERPRISE	1245 STONE DR STE B	San Diego Co. HMMD, CERS HAZ WASTE, CERS	Lower	459, 0.087, West
E21	PARABILIS SPACE TECH	1145 LINDA VISTA DR	RCRA-VSQG, FINDS, ECHO	Higher	471, 0.089, North
F22	A1 DRY CLEANERS & LA	997 W SAN MARCOS BLV	EDR Hist Cleaner	Higher	483, 0.091, ESE
F23	DISCOVERY VALLEY ANI	997 W SAN MARCOS BLV	RCRA NonGen / NLR	Higher	483, 0.091, ESE
24	CREATIVE ELECTRON IN	310 VIA VERA CRUZ	RCRA-SQG	Higher	516, 0.098, NNE
D25	Z M C CORP	1255 STONE DR	RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO, HAZNET,...	Lower	559, 0.106, West
E26	STIGTEC	1125 LINDA VISTA DR	RCRA NonGen / NLR	Higher	576, 0.109, North
G27	DDAM LLC DBA CALWEST	1070 COMMERCE ST STE	RCRA NonGen / NLR	Higher	629, 0.119, NNE
G28	CAL WEST AUTO CENTER	1070 COMMERCE ST STE	San Diego Co. HMMD, CERS HAZ WASTE, CERS	Higher	629, 0.119, NNE
D29	GILBERT MACHINE & MA	1265 STONE DR	RCRA NonGen / NLR	Lower	659, 0.125, West
D30	GILBERT MACHINE &MAN	1265 STONE DR	San Diego Co. HMMD, CERS HAZ WASTE, CERS	Lower	659, 0.125, West
H31	CITY OF SAN MARCOS	430 VIA VERA CRUZ	RCRA NonGen / NLR	Higher	671, 0.127, SE
H32	SEMA CONSTRUCTION	430 VIA VERA CRUZ	RCRA NonGen / NLR	Higher	671, 0.127, SE
33	BREE ENGINEERING COR	1275 STONE DR	RCRA NonGen / NLR	Lower	759, 0.144, West
I34	AYESHA PETRO INC-ARC	1187 W SAN MARCOS BL	RCRA NonGen / NLR	Lower	829, 0.157, SW
I35	ARCO FACILITY NO 055	1187 W SAN MARCOS BL	RCRA NonGen / NLR	Lower	829, 0.157, SW
I36	AYESHA PETRO INC	1187 W SAN MARCOS BL	UST	Lower	829, 0.157, SW
I37	AYESHA PETRO INC	1187 W SAN MARCOS BL	San Diego Co. HMMD, CERS HAZ WASTE, CERS TANKS,...	Lower	829, 0.157, SW
I38	ARCO AM PM MINI MART	1187 W SAN MARCOS BL	SWEEPS UST	Lower	829, 0.157, SW
I39	ARCO AM/PM MINI MART	1187 W SAN MARCOS BL	UST	Lower	829, 0.157, SW

MAPPED SITES SUMMARY

Target Property Address:
1020 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CA 92078

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J40	AMISTAR	1080 LINDA VISTA DR	RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO, HAZNET,...	Higher	894, 0.169, NNE
J41	PRECISE MANUFACTURIN	1080 LINDA VISTA DR	RCRA NonGen / NLR	Higher	894, 0.169, NNE
J42	MIRI CORPORATION	1080 LINDA VISTA DR	CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	894, 0.169, NNE
J43	MIRI CORPORATION	1080 LINDA VISTA DR	RCRA NonGen / NLR	Higher	894, 0.169, NNE
44	WELLNESS CHIROPRACTI	940 W SAN MARCOS BLV	RCRA NonGen / NLR	Higher	920, 0.174, East
45	LARIOS MOBILE AUTO R	1036 COMMERCE ST UNI	RCRA NonGen / NLR	Higher	959, 0.182, NE
J46	BLACK OXIDE SERVICE	1070 LINDA VISTA DR	RCRA NonGen / NLR	Higher	980, 0.186, NNE
J47	BLACK OXIDE SERVICE,	1070 LINDA VISTA DR	San Diego Co. HMMD, CERS HAZ WASTE, CERS	Higher	980, 0.186, NNE
48	NO. CO. HEALTH SVCS.	BOARDWALK & PARK PLA	ENVIROSTOR	Higher	995, 0.188, ENE
J49	SO CAL TRIKE CENTER	1050 LINDA VISTA DR	RCRA NonGen / NLR	Higher	1050, 0.199, NNE
J50	DUSK TO DAWN MOTOCYC	1050 LINDA VISTA DR	San Diego Co. HMMD, CERS HAZ WASTE, CERS	Higher	1050, 0.199, NNE
51	WW GRAINGER 721	1321 LINDA VISTA DR	RCRA NonGen / NLR	Higher	1062, 0.201, WNW
K52	CHEVRON STATION #202	1200 W SAN MARCOS BL	UST	Lower	1133, 0.215, WSW
K53	CHEVRON USA #202870	1200 W SAN MARCOS BL	San Diego Co. HMMD, CERS HAZ WASTE, CERS TANKS,...	Lower	1133, 0.215, WSW
K54	CHEVRON #202870	1200 W. SAN MARCOS B	RCRA-LQG	Lower	1133, 0.215, WSW
K55	CHEVRON USA	1200 W SAN MARCOS BL	UST	Lower	1133, 0.215, WSW
L56	AMISTAR	237 VIA VERA CRUZ	RCRA-SQG, San Diego Co. HMMD, CERS HAZ WASTE,...	Higher	1212, 0.230, North
L57	ONCORE MANUFACTURING	237 VIA VERA CRUZ	RCRA NonGen / NLR	Higher	1212, 0.230, North
K58	FIRESTONE COMPLETE A	1223 W SAN MARCOS BL	RCRA NonGen / NLR	Lower	1221, 0.231, WSW
K59	L&M TIRE COMPANY INC	1223 W SAN MARCOS BL	RCRA NonGen / NLR	Lower	1221, 0.231, WSW
K60	FIRESTONE COMPLETE A	1223 W SAN MARCOS BL	San Diego Co. HMMD, CERS HAZ WASTE, HAZNET, CERS,...	Lower	1221, 0.231, WSW
K61	EXPRESS TIRE	1223 W SAN MARCOS BL	San Diego Co. HMMD, SWEEPS UST	Lower	1221, 0.231, WSW
M62	ADVANCED HONEYCOMB T	1015 LINDA VISTA DR	RCRA NonGen / NLR	Higher	1246, 0.236, NE
M63	PARKSON DIVISION	1015 LINDA VISTA RD	SWEEPS UST	Higher	1246, 0.236, NE
M64	CHURCHS PEST REMOVER	1015 LINDA VISTA DR	RCRA-SQG, FINDS, ECHO	Higher	1246, 0.236, NE
M65	CROP PRODUCTION SERV	1015 LINDA VISTA DR	RCRA NonGen / NLR	Higher	1246, 0.236, NE
M66	ADVANCED HONEYCOMB T	1015 LINDA VISTA DR	CERS HAZ WASTE, CERS	Higher	1246, 0.236, NE
M67	DON HUBBARD CONTRACT	1015 LINDA VISTA DR	AST, San Diego Co. HMMD, CERS HAZ WASTE, CHMIRS,...	Higher	1246, 0.236, NE
M68	PARKSON DIVISION	1015 LINDA VISTA DR	San Diego Co. HMMD, HIST UST	Higher	1246, 0.236, NE
M69	MISSION AUTO REPAIR	1020 LINDA VISTA DR	San Diego Co. HMMD, DRYCLEANERS	Higher	1292, 0.245, NNE
M70	MISSION AUTO REPAIR	1020B LINDA VISTA DR	San Diego Co. HMMD, CERS HAZ WASTE, CERS, HWTS	Higher	1292, 0.245, NNE
M71	MISSION AUTO REPAIR	1020B LINDA VISTA DR	RCRA NonGen / NLR	Higher	1292, 0.245, NNE
N72	PEP BOYS #1712	868 W SAN MARCOS BLV	AST, CERS HAZ WASTE, HAZNET, CERS, HWTS	Higher	1296, 0.245, East
N73	PEP BOYS #1712	868 W SAN MARCOS BLV	RCRA NonGen / NLR	Higher	1296, 0.245, East
N74	FIRST NATIONAL BANK	885 SAN MARCOS	LUST, HIST CORTESE	Higher	1392, 0.264, East
N75	FIRST NATIONAL BANK	885 SAN MARCOS BLVD	LUST, SAN DIEGO CO. SAM, Cortese, CERS	Higher	1392, 0.264, East
O76	ROLLINS LEASING CORP	1355 LINDA VISTA DR	SAN DIEGO CO. SAM, Cortese	Higher	1396, 0.264, WNW
O77	MONIER CO	1355 LINDA VISTA DR	LUST, CPS-SLIC, SWEEPS UST, HIST UST, HAZNET, SAN...	Higher	1396, 0.264, WNW
M78	ASTLEFORD CONSTRUCTI	1010 LINDA VISTA DR	RCRA-SQG, LUST, AST, San Diego Co. HMMD, SWEEPS...	Higher	1431, 0.271, NE

MAPPED SITES SUMMARY

Target Property Address:
1020 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CA 92078

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
N79	CRIBBAGE LANE & SAN		Notify 65	Higher	1468, 0.278, East
P80	MORALLY WHOLESALE	975 LINDA VISTA DR	SAN DIEGO CO. SAM, LUST, San Diego Co. HMMD,...	Higher	1500, 0.284, NE
O81	MONIER COMPANY	1385 LINDA VISTA	LUST, HIST CORTESE	Higher	1522, 0.288, WNW
Q82	SIX TO SIX EQUIPMENT	175 VIA VERA CRUZ S	LUST	Higher	1536, 0.291, North
Q83	6-2-6 EQUIPMENT RENT	175 VIA VERA CRUZ	LUST, SAN DIEGO CO. SAM, Cortese, HIST CORTESE,...	Higher	1536, 0.291, North
O84	ROOFING WHOLESALE CO	1401 LINDA VISTA DR	LUST, SAN DIEGO CO. SAM, CPS-SLIC, San Diego Co....	Higher	1593, 0.302, WNW
P85	RMP METAL FINISHING	977 LINDA VISTA DR	ENVIROSTOR, San Diego Co. HMMD, CERS HAZ WASTE,...	Higher	1601, 0.303, NE
R86	MASHBURN SANITATION	224 LAS POSAS RD	SWF/LF, LUST, HIST CORTESE, CERS	Higher	1668, 0.316, NNW
R87	MASHBURN SANITATION	224 LAS POSAS ROAD	SWF/LF, Notify 65	Higher	1668, 0.316, NNW
R88	SOLID WASTE SERVICES	224 S LAS POSAS RD	SWF/LF, LUST, SAN DIEGO CO. SAM, CPS-SLIC, AST,...	Higher	1668, 0.316, NNW
Q89	CLARENCE OCHS,INC.	145 VIA VERA CRUZ	LUST	Higher	1697, 0.321, North
Q90	CLARENCE OCHS OIL	145 VIA VERA CRUZ	LUST, HIST CORTESE, CIWQS	Higher	1697, 0.321, North
Q91	CLARENCE OCHS OIL	145 VIA VERA CRUZ	SAN DIEGO CO. SAM, San Diego Co. HMMD, CERS HAZ...	Higher	1697, 0.321, North
S92	GRAND AVENUE METAL I	1031 GRAND AVENUE	CPS-SLIC, CERS	Higher	1917, 0.363, NNE
S93	CRIBWALL COMPANY SIT	1023 GRAND AVENUE	CPS-SLIC, CERS	Higher	1922, 0.364, NNE
S94	AMERICAN FENCE CO	1075 GRAND AV	LUST, HIST CORTESE	Higher	1935, 0.366, NNE
S95	AMERICAN FENCE CO	1075 GRAND AV	SAN DIEGO CO. SAM, San Diego Co. HMMD, Cortese,...	Higher	1935, 0.366, NNE
S96	AMERICAN FENCE CO	1075 GRAND AVE	LUST, SWEEPS UST	Higher	1935, 0.366, NNE
T97	STAR BUILDERS SUPPLY	961 GRAND AVE	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD,...	Higher	2010, 0.381, NE
T98	STAR BUILDERS SUPPLY	961 GRAND AVE	LUST, HIST UST, HIST CORTESE, SAN DIEGO CO LOP,...	Higher	2010, 0.381, NE
U99	ARMORED TRANSPORT	1444 ALPINE PL	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD,...	Higher	2013, 0.381, WNW
U100	ARMORED TRANSPORT OF	1444 ALPINE PLACE	LUST, HIST UST, HIST CORTESE, CERS	Higher	2013, 0.381, WNW
V101	R.D. WALTER TRUCKING	174 BENT	LUST, HIST CORTESE	Higher	2232, 0.423, ENE
102	SPANJIAN/ DUFOUR	1050 LOS VALLECITOS	SAN DIEGO CO. SAM, CPS-SLIC, CERS	Higher	2274, 0.431, NNE
V103	WALTER TRUCKING, INC	173 S BENT AV	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD,...	Higher	2302, 0.436, ENE
104	SAN MARCOS MINI STOR	165 S. BENT AVE	SEMS-ARCHIVE, PRP	Higher	2302, 0.436, ENE
W105	LLOYD PEST CONTROL	223 BENT	LUST, HIST CORTESE	Higher	2314, 0.438, East
106	MACDERMID PRINTING S	260 SOUTH PACIFIC ST	RCRA-LQG, ENVIROSTOR, LUST, SWEEPS UST, HIST UST,...	Higher	2338, 0.443, WNW
W107	LLOYD PEST CONTROL	223 S BENT AV	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD,...	Higher	2347, 0.445, East
X108	SAN MARCOS COUNTY WA	788 SAN MARCOS BLVD	LUST, SAN DIEGO CO. SAM, Cortese, CERS	Higher	2424, 0.459, East
X109	VALLECITOS WATER DIS	788 SAN MARCOS BL	LUST, HIST CORTESE	Higher	2424, 0.459, East
Y110	COLUCCI DEVELOPMENT	1325 GRAND AVE	CPS-SLIC	Higher	2445, 0.463, NNW
Z111	HUGHES CIRCUITS INC	540 S PACIFIC ST	RCRA-SQG, ENVIROSTOR, San Diego Co. HMMD, CERS HAZ...	Lower	2457, 0.465, West
Z112	BRADLEY PARK - OLD L	RANCHO SANTA FE & LI	PFAS	Lower	2459, 0.466, West
AA113	SCHMID INSULATION CO	1520 LINDA VISTA DR	SAN DIEGO CO. SAM, LUST, San Diego Co. HMMD,...	Higher	2479, 0.470, WNW
AA114	CAL DEPT OF FOOD & A	1520 LINDA VISTA DR	LUST, San Diego Co. HMMD	Higher	2479, 0.470, WNW
115	SKS INC.	875 GRAND AVE	SAN DIEGO CO. SAM, LUST, San Diego Co. HMMD, HIST...	Higher	2503, 0.474, ENE
Y116	DEWEY PEST CONTROL	1370 GRAND AVENUE	RCRA-SQG, LUST, SAN DIEGO CO. SAM, CPS-SLIC, UST,...	Higher	2565, 0.486, NNW
X117	SAN DIEGO AUTO CENTE	755 SAN MARCOS BL	LUST, SAN DIEGO CO. SAM, San Diego Co. HMMD,...	Higher	2607, 0.494, East

MAPPED SITES SUMMARY

Target Property Address:
1020 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CA 92078

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AB118	THE SINGER CO/KEARFO	1370 W SAN MARCOS BL	HIST UST, HWP, NPDES, CIWQS, CERS	Lower	2822, 0.534, WSW
AB119	GEC MARCONI ELECTRON	1370 SAN MARCOS BLVD	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG, 2020	Lower	2822, 0.534, WSW
AB120	SINGER CO, KEARFOTT	1370 SAN MARCOS BLVD	ENVIROSTOR, CPS-SLIC, ENF, HIST CORTESE, CIWQS,...	Lower	2822, 0.534, WSW
121	SAN MARCOS CAL STATE	800 WEST VALLECITOS	ENVIROSTOR	Higher	3360, 0.636, ENE
122	SIGNET ARMORLITE, IN	1001 ARMORLITE DRIVE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-LQG,...	Higher	3472, 0.658, NNE
123	670 SAN MARCOS BLVD.	670 SAN MARCOS BLVD.	ENVIROSTOR	Higher	3540, 0.670, ENE
124	TORREY CHEMICAL CO.	217 LAS POSAS ROAD	ENVIROSTOR	Higher	3823, 0.724, North
125	SAN MARCOS HIGH SCHO	1615 SAN MARCOS BLVD	ENVIROSTOR, SCH, San Diego Co. HMMD, CERS HAZ...	Higher	4633, 0.877, WSW

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
OLD CALIFORNIA RESTA 1020 WEST SAN MARCOS SAN MARCOS, CA 92078	NPDES Facility Status: Terminated CIWQS	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

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

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

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ---------- State Response Sites

Lists of state and tribal leaking storage tanks

INDIAN LUST - Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST - Underground Storage Tank Listing
INDIAN UST - Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP - Voluntary Cleanup Priority Listing
VCP - Voluntary Cleanup Program Properties

Lists of state and tribal brownfield 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
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
San Diego Co. HMMD - Hazardous Materials Management Division Database
Toxic Pits - Toxic Pits Cleanup Act Sites
US CDL - National Clandestine Laboratory Register
AQUEOUS FOAM - Former Fire Training Facility Assessments 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

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
DOCKET HWC	Hazardous Waste Compliance Docket Listing
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CUPA Listings	CUPA Resources List
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
PEST LIC	Pesticide Regulation Licenses Listing

PROC Certified Processors Database
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
SAN DIEGO CO LOP Local Oversight Program Listing
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 RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
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

Lists of Federal CERCLA sites with NFRAP

SEMS-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.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/27/2022 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN MARCOS MINI STOR Site ID: 0904230 EPA Id: CAD983615154	***165 S. BENT AVE***	***ENE 1/4 - 1/2 (0.436 mi.)***	***104***	***1123***

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/20/2022 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIGNET ARMORLITE, IN EPA ID:: CAD008362634	***1001 ARMORLITE DRIVE***	***NNE 1/2 - 1 (0.658 mi.)***	***122***	***1482***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GEC MARCONI ELECTRON EPA ID:: CAD046589305	***1370 SAN MARCOS BLVD***	***WSW 1/2 - 1 (0.534 mi.)***	***AB119***	***1450***

Lists of Federal RCRA generators

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 06/20/2022 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHEVRON #202870	1200 W. SAN MARCOS B	WSW 1/8 - 1/4 (0.215 mi.)	K54	346

EXECUTIVE SUMMARY

EPA ID:: CAR000118356

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 06/20/2022 has revealed that there are 9 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCCAIN TRAFFIC SUPPL EPA ID:: CAD982031379	***1205 LINDA VISTA RD***	***NW 0 - 1/8 (0.068 mi.)***	***C16***	***86***
METAL ETCH SERVICES, EPA ID:: CAR000323782	1165 LINDA VISTA DRI	NNW 0 - 1/8 (0.073 mi.)	C18	102
CREATIVE ELECTRON IN EPA ID:: CAR000197475	310 VIA VERA CRUZ	NNE 0 - 1/8 (0.098 mi.)	24	118
AMISTAR EPA ID:: CAD981395882	***1080 LINDA VISTA DR***	***NNE 1/8 - 1/4 (0.169 mi.)***	***J40***	***222***
AMISTAR EPA ID:: CAD982470445	***237 VIA VERA CRUZ***	***N 1/8 - 1/4 (0.230 mi.)***	***L56***	***350***
CHURCHS PEST REMOVER EPA ID:: CAD981433725	***1015 LINDA VISTA DR***	***NE 1/8 - 1/4 (0.236 mi.)***	***M64***	***493***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA COSTA SILKSCREEN EPA ID:: CAD983658386	***445 RYAN DR***	***WNW 0 - 1/8 (0.012 mi.)***	***A2***	***16***
SHOFU DENTAL CORPORA EPA ID:: CAD982497851	***1225 STONE DR***	***WNW 0 - 1/8 (0.059 mi.)***	***A8***	***48***
Z M C CORP EPA ID:: CAR000047662	***1255 STONE DR***	***W 0 - 1/8 (0.106 mi.)***	***D25***	***121***

RCRA-VSQG: 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.

A review of the RCRA-VSQG list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1 RCRA-VSQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARABILIS SPACE TECH EPA ID:: CAR000263012	***1145 LINDA VISTA DR***	***N 0 - 1/8 (0.089 mi.)***	***E21***	***112***

Lists of state- and tribal hazardous waste facilities

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 01/24/2022 has revealed that there are 10 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NO. CO. HEALTH SVCS. Facility Id: 37800068 Status: No Action Required	BOARDWALK & PARK PLA	ENE 1/8 - 1/4 (0.188 mi.)	48	294
RMP METAL FINISHING Facility Id: 71002362 Status: Inactive - Needs Evaluation	***977 LINDA VISTA DR***	***NE 1/4 - 1/2 (0.303 mi.)***	***P85***	***844***
MACDERMID PRINTING S Facility Id: 71002510 Status: Inactive - Needs Evaluation	***260 SOUTH PACIFIC ST***	***WNW 1/4 - 1/2 (0.443 mi.)***	***106***	***1125***
SAN MARCOS CAL STATE Facility Id: 37020001 Status: Refer: RWQCB	800 WEST VALLECITOS	ENE 1/2 - 1 (0.636 mi.)	121	1481
SIGNET ARMORLITE, IN Facility Id: 80001570 Status: Refer: RWQCB	***1001 ARMORLITE DRIVE***	***NNE 1/2 - 1 (0.658 mi.)***	***122***	***1482***
670 SAN MARCOS BLVD. Facility Id: 37000068 Status: Refer: 1248 Local Agency	670 SAN MARCOS BLVD.	ENE 1/2 - 1 (0.670 mi.)	123	1581
TORREY CHEMICAL CO. Facility Id: 37510137 Status: Refer: Other Agency	217 LAS POSAS ROAD	N 1/2 - 1 (0.724 mi.)	124	1582
SAN MARCOS HIGH SCHO Facility Id: 60001024 Status: No Further Action	***1615 SAN MARCOS BLVD***	***WSW 1/2 - 1 (0.877 mi.)***	***125***	***1583***

Lower Elevation	Address	Direction / Distance	Map ID	Page
HUGHES CIRCUITS INC Facility Id: 71003390 Status: Inactive - Needs Evaluation	***540 S PACIFIC ST***	***W 1/4 - 1/2 (0.465 mi.)***	***Z111***	***1154***
SINGER CO, KEARFOTT Facility Id: 80001395 Facility Id: 37370110 Status: Refer: RWQCB	***1370 SAN MARCOS BLVD***	***WSW 1/2 - 1 (0.534 mi.)***	***AB120***	***1474***

Status: Refer: RCRA

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 3 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MASHBURN SANITATION	***224 LAS POSAS RD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R86***	***888***
Database: SWF/LF (SWIS), Date of Government Version: 02/07/2022 Database: SAN DIEGO CO. LF, Date of Government Version: 10/27/2021 Facility ID: 37-AA-0969 Operational Status: Active Operational Status: ACTIVE Regulation Status: Notification Facility Status: ACTIVE SITES				
MASHBURN SANITATION	***224 LAS POSAS ROAD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R87***	***893***
Database: SAN DIEGO CO. LF, Date of Government Version: 10/27/2021 Operational Status: ACTIVE Facility Status: ACTIVE SITES				
SOLID WASTE SERVICES	***224 S LAS POSAS RD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R88***	***894***
Database: SWF/LF (SWIS), Date of Government Version: 02/07/2022 Facility ID: 37-AA-0953 Operational Status: Active Regulation Status: Permitted				

Lists of state and tribal leaking storage tanks

SAN DIEGO CO. SAM: 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.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 18 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIRST NATIONAL BANK	***885 SAN MARCOS BLVD***	***E 1/4 - 1/2 (0.264 mi.)***	***N75***	***764***
Case Number: H32266-001 Facility Status: Closed Case				
ROLLINS LEASING CORP	***1355 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.264 mi.)***	***O76***	***765***
Case Number: H04990-001 Case Number: H04990-002 Facility Status: Closed Case				
MORALLY WHOLESALE	***975 LINDA VISTA DR***	***NE 1/4 - 1/2 (0.284 mi.)***	***P80***	***810***

Case Number: H22855-001
Facility Status: Closed Case

6-2-6 EQUIPMENT RENT	***175 VIA VERA CRUZ***	***N 1/4 - 1/2 (0.291 mi.)***	***Q83***	***823***
Case Number: H02554-002 Case Number: H02554-001 Facility Status: Closed Case				
ROOFING WHOLESALE CO	***1401 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.302 mi.)***	***O84***	***828***
Case Number: H07034-001 Case Number: H07034-002 Facility Status: Closed Case				
SOLID WASTE SERVICES	***224 S LAS POSAS RD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R88***	***894***
Case Number: H10646-001 Case Number: H10646-003 Case Number: H10646-002 Case Number: H10646-004 Facility Status: Closed Case				
CLARENCE OCHS OIL	***145 VIA VERA CRUZ***	***N 1/4 - 1/2 (0.321 mi.)***	***Q91***	***1029***
Case Number: H05072-001 Facility Status: Remedial Investigation				
AMERICAN FENCE CO	***1075 GRAND AV***	***NNE 1/4 - 1/2 (0.366 mi.)***	***S95***	***1084***
Case Number: H04437-001 Facility Status: Closed Case				
STAR BUILDERS SUPPLY	***961 GRAND AVE***	***NE 1/4 - 1/2 (0.381 mi.)***	***T97***	***1096***
Case Number: H03765-001 Facility Status: Closed Case				
ARMORED TRANSPORT	***1444 ALPINE PL***	***WNW 1/4 - 1/2 (0.381 mi.)***	***U99***	***1106***
Case Number: H04297-001 Facility Status: Closed Case				
SPANJIAN/ DUFOUR	***1050 LOS VALLECITOS***	***NNE 1/4 - 1/2 (0.431 mi.)***	***102***	***1116***
Case Number: H29237-001 Facility Status: Remedial Action (Clean-Up)				
WALTER TRUCKING, INC	***173 S BENT AV***	***ENE 1/4 - 1/2 (0.436 mi.)***	***V103***	***1120***
Case Number: H02912-001 Facility Status: Closed Case				
LLOYD PEST CONTROL	***223 S BENT AV***	***E 1/4 - 1/2 (0.445 mi.)***	***W107***	***1148***
Case Number: H11497-001 Facility Status: Closed Case				
SAN MARCOS COUNTY WA	***788 SAN MARCOS BLVD***	***E 1/4 - 1/2 (0.459 mi.)***	***X108***	***1151***
Case Number: H03763-001 Facility Status: Closed Case				
SCHMID INSULATION CO	***1520 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.470 mi.)***	***AA113***	***1381***
Case Number: H04083-001 Facility Status: Remedial Investigation				
SKS INC.	***875 GRAND AVE***	***ENE 1/4 - 1/2 (0.474 mi.)***	***115***	***1391***
Case Number: H20785-002 Case Number: H20785-001 Facility Status: Remedial Investigation Facility Status: Closed Case				
DEWEY PEST CONTROL	***1370 GRAND AVENUE***	***NNW 1/4 - 1/2 (0.486 mi.)***	***Y116***	***1423***
Case Number: H04345-001				

Facility Status: Closed Case

SAN DIEGO AUTO CENTE ***755 SAN MARCOS BL*** ***E 1/4 - 1/2 (0.494 mi.)*** ***X117*** ***1436***
Case Number: H26610-001
Facility Status: Closed Case

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 31 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIRST NATIONAL BANK	***885 SAN MARCOS***	***E 1/4 - 1/2 (0.264 mi.)***	***N74***	***762***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0607301088				
FIRST NATIONAL BANK	***885 SAN MARCOS BLVD***	***E 1/4 - 1/2 (0.264 mi.)***	***N75***	***764***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Closed Date: 5/10/94 Status: Case Closed Case Number: 9UT2319				
MONIER CO	***1355 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.264 mi.)***	***O77***	***766***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0607301752				
ASTLEFORD CONSTRUCTI	***1010 LINDA VISTA DR***	***NE 1/4 - 1/2 (0.271 mi.)***	***M78***	***773***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T10000006374				
MORALLY WHOLESALE	***975 LINDA VISTA DR***	***NE 1/4 - 1/2 (0.284 mi.)***	***P80***	***810***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Closed Date: 2/28/97 Status: Case Closed Global Id: T0607300772 Case Number: 9UT1999				
MONIER COMPANY	***1385 LINDA VISTA***	***WNW 1/4 - 1/2 (0.288 mi.)***	***O81***	***821***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Closed Date: 1/18/96 Status: Case Closed Case Number: 9UT2985				
SIX TO SIX EQUIPMENT	175 VIA VERA CRUZ S	N 1/4 - 1/2 (0.291 mi.)	Q82	822
Database: LUST REG 9, Date of Government Version: 03/01/2001 Closed Date: 11/14/96 Status: Case Closed Case Number: 9UT2954				
6-2-6 EQUIPMENT RENT	***175 VIA VERA CRUZ***	***N 1/4 - 1/2 (0.291 mi.)***	***Q83***	***823***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 05/23/2022				

Status: Completed - Case Closed
Closed Date: 10/23/89
Status: Case Closed
Global Id: T0607302950
Global Id: T0607301721
Case Number: 9UT681

ROOFING WHOLESALE CO ***1401 LINDA VISTA DR*** ***WNW 1/4 - 1/2 (0.302 mi.)*** ***O84*** ***828***
Database: LUST REG 9, Date of Government Version: 03/01/2001
Database: LUST, Date of Government Version: 05/23/2022
Status: Completed - Case Closed
Closed Date: 6/27/96
Status: Case Closed
Global Id: T0607301964
Case Number: 9UT3208

MASHBURN SANITATION ***224 LAS POSAS RD*** ***NNW 1/4 - 1/2 (0.316 mi.)*** ***R86*** ***888***
Database: LUST REG 9, Date of Government Version: 03/01/2001
Closed Date: 2/11/98
Status: Case Closed
Case Number: 9UT1425
Case Number: 9UT2285

SOLID WASTE SERVICES ***224 S LAS POSAS RD*** ***NNW 1/4 - 1/2 (0.316 mi.)*** ***R88*** ***894***
Database: LUST, Date of Government Version: 05/23/2022
Status: Completed - Case Closed
Global Id: T0607302493
Global Id: T0607301051
Global Id: T0607300258

CLARENCE OCHS,INC. 145 VIA VERA CRUZ N 1/4 - 1/2 (0.321 mi.) Q89 1023
Database: LUST REG 9, Date of Government Version: 03/01/2001
Status: Preliminary site assessment underway
Case Number: 9UT3651

CLARENCE OCHS OIL ***145 VIA VERA CRUZ*** ***N 1/4 - 1/2 (0.321 mi.)*** ***Q90*** ***1024***
Database: LUST, Date of Government Version: 05/23/2022
Status: Completed - Case Closed
Global Id: T0607302416

AMERICAN FENCE CO ***1075 GRAND AV*** ***NNE 1/4 - 1/2 (0.366 mi.)*** ***S94*** ***1082***
Database: LUST, Date of Government Version: 05/23/2022
Status: Completed - Case Closed
Global Id: T0607300116

AMERICAN FENCE CO ***1075 GRAND AVE*** ***NNE 1/4 - 1/2 (0.366 mi.)*** ***S96*** ***1095***
Database: LUST REG 9, Date of Government Version: 03/01/2001
Closed Date: 6/15/92
Status: Case Closed
Case Number: 9UT1109

STAR BUILDERS SUPPLY ***961 GRAND AVE*** ***NE 1/4 - 1/2 (0.381 mi.)*** ***T97*** ***1096***
Database: LUST REG 9, Date of Government Version: 03/01/2001

STAR BUILDERS SUPPLY ***961 GRAND AVE*** ***NE 1/4 - 1/2 (0.381 mi.)*** ***T98*** ***1104***
Database: LUST, Date of Government Version: 05/23/2022
Status: Completed - Case Closed
Closed Date: 6/20/88
Status: Case Closed
Global Id: T0607303116
Case Number: 9UT872

ARMORED TRANSPORT ***1444 ALPINE PL*** ***WNW 1/4 - 1/2 (0.381 mi.)*** ***U99*** ***1106***
Database: LUST REG 9, Date of Government Version: 03/01/2001

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARMORED TRANSPORT OF	***1444 ALPINE PLACE***	***WNW 1/4 - 1/2 (0.381 mi.)***	***U100***	***1112***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Closed Date: 3/27/91 Status: Case Closed Global Id: T0607300574 Case Number: 9UT1783				
R.D. WALTER TRUCKING	***174 BENT***	***ENE 1/4 - 1/2 (0.423 mi.)***	***V101***	***1115***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Closed Date: 11/3/95 Status: Case Closed Case Number: 9UT1540				
WALTER TRUCKING, INC	***173 S BENT AV***	***ENE 1/4 - 1/2 (0.436 mi.)***	***V103***	***1120***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0607300359				
LLOYD PEST CONTROL	***223 BENT***	***E 1/4 - 1/2 (0.438 mi.)***	***W105***	***1124***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Closed Date: 7/11/00 Status: Case Closed Case Number: 9UT3270				
MACDERMID PRINTING S	***260 SOUTH PACIFIC ST***	***WNW 1/4 - 1/2 (0.443 mi.)***	***106***	***1125***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Closed Date: 2/29/96 Status: Case Closed Global Id: T0607302457 Case Number: 9UT369				
LLOYD PEST CONTROL	***223 S BENT AV***	***E 1/4 - 1/2 (0.445 mi.)***	***W107***	***1148***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0607302025				
SAN MARCOS COUNTY WA	***788 SAN MARCOS BLVD***	***E 1/4 - 1/2 (0.459 mi.)***	***X108***	***1151***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Closed Date: 9/12/88 Status: Case Closed Case Number: 9UT817				
VALLECITOS WATER DIS	***788 SAN MARCOS BL***	***E 1/4 - 1/2 (0.459 mi.)***	***X109***	***1153***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Global Id: T0607303068				
SCHMID INSULATION CO	***1520 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.470 mi.)***	***AA113***	***1381***
Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Closed Date: 2/8/91 Status: Case Closed Global Id: T0607300498 Case Number: 9UT1700				
CAL DEPT OF FOOD & A	***1520 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.470 mi.)***	***AA114***	***1390***
Database: LUST REG 9, Date of Government Version: 03/01/2001				
SKS INC.	***875 GRAND AVE***	***ENE 1/4 - 1/2 (0.474 mi.)***	***115***	***1391***
Database: LUST REG 9, Date of Government Version: 03/01/2001 Database: LUST, Date of Government Version: 05/23/2022				

Status: Completed - Case Closed
Closed Date: 1/31/96
Status: Case Closed
Global Id: T0607300829
Global Id: T06019794315
Global Id: T10000009279
Case Number: 9UT2059

DEWEY PEST CONTROL ***1370 GRAND AVENUE*** ***NNW 1/4 - 1/2 (0.486 mi.)*** ***Y116*** ***1423***
Database: LUST REG 9, Date of Government Version: 03/01/2001
Closed Date: 8/26/87
Status: Case Closed
Case Number: 9UT301

SAN DIEGO AUTO CENTE ***755 SAN MARCOS BL*** ***E 1/4 - 1/2 (0.494 mi.)*** ***X117*** ***1436***
Database: LUST, Date of Government Version: 05/23/2022
Status: Completed - Case Closed
Global Id: T0607302677

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 8 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MONIER CO	***1355 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.264 mi.)***	***O77***	***766***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: T0608178248 Facility Status: Completed - Case Closed				
ROOFING WHOLESALE CO	***1401 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.302 mi.)***	***O84***	***828***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: T0608153395 Facility Status: Completed - Case Closed				
SOLID WASTE SERVICES	***224 S LAS POSAS RD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R88***	***894***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: T0608184522 Facility Status: Completed - Case Closed				
GRAND AVENUE METAL I	***1031 GRAND AVENUE***	***NNE 1/4 - 1/2 (0.363 mi.)***	***S92***	***1081***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: T10000003199 Facility Status: Completed - Case Closed				
CRIBWALL COMPANY SIT	***1023 GRAND AVENUE***	***NNE 1/4 - 1/2 (0.364 mi.)***	***S93***	***1081***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: T10000003271 Facility Status: Completed - Case Closed				
SPANJIAN/ DUFOUR	***1050 LOS VALLECITOS***	***NNE 1/4 - 1/2 (0.431 mi.)***	***102***	***1116***
Database: SLIC REG 9, Date of Government Version: 09/10/2007 Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: SL0607396081				

Facility Status: Completed - Case Closed
Status: Dead
Status: Open

COLUCCI DEVELOPMENT	1325 GRAND AVE	NNW 1/4 - 1/2 (0.463 mi.)	Y110	1154
Database: SLIC REG 9, Date of Government Version: 09/10/2007 Status: Dead				
DEWEY PEST CONTROL	***1370 GRAND AVENUE***	***NNW 1/4 - 1/2 (0.486 mi.)***	***Y116***	***1423***
Database: CPS-SLIC, Date of Government Version: 05/23/2022 Global Id: T0607301777 Facility Status: Completed - Case Closed				

Lists of state and tribal registered storage tanks

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 are 4 UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AYESHA PETRO INC	1187 W SAN MARCOS BL	SW 1/8 - 1/4 (0.157 mi.)	I36	185
Database: UST, Date of Government Version: 03/07/2022 Facility Id: 37-000-207647				
ARCO AM/PM MINI MART	1187 W SAN MARCOS BL	SW 1/8 - 1/4 (0.157 mi.)	I39	221
Database: UST, Date of Government Version: 03/07/2022 Facility Id: H22772				
CHEVRON STATION #202	1200 W SAN MARCOS BL	WSW 1/8 - 1/4 (0.215 mi.)	K52	306
Database: UST, Date of Government Version: 03/07/2022 Facility Id: 37-000-132343				
CHEVRON USA	1200 W SAN MARCOS BL	WSW 1/8 - 1/4 (0.215 mi.)	K55	350
Database: UST, Date of Government Version: 03/07/2022 Facility Id: H32343				

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 2 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DON HUBBARD CONTRACT	***1015 LINDA VISTA DR***	***NE 1/8 - 1/4 (0.236 mi.)***	***M67***	***502***
Database: AST, Date of Government Version: 07/06/2016				
PEP BOYS #1712	***868 W SAN MARCOS BLV***	***E 1/8 - 1/4 (0.245 mi.)***	***N72***	***751***
Database: AST, Date of Government Version: 07/06/2016				

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/07/2022 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOLID WASTE SERVICES Cert Id: RC12179	***224 S LAS POSAS RD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R88***	***894***

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 01/18/2022 has revealed that there are 19 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ACCU TECH LASER PROC	***1175 LINDA VISTA DRI***	***NW 0 - 1/8 (0.068 mi.)***	***C9***	***52***
A SQUARED TECHNOLOGI	***1195 LINDA VISTA DR***	***NW 0 - 1/8 (0.068 mi.)***	***C10***	***61***
ALPHA GRAPHICS 554	***1205 LINDA VISTA DR***	***NW 0 - 1/8 (0.068 mi.)***	***C14***	***80***
METAL ETCH SERVICES	***1165 LINDA VISTA DR***	***NNW 0 - 1/8 (0.073 mi.)***	***C17***	***89***
CAL WEST AUTO CENTER	***1070 COMMERCE ST STE***	***NNE 0 - 1/8 (0.119 mi.)***	***G28***	***157***
MIRI CORPORATION	***1080 LINDA VISTA DR***	***NNE 1/8 - 1/4 (0.169 mi.)***	***J42***	***237***
BLACK OXIDE SERVICE,	***1070 LINDA VISTA DR***	***NNE 1/8 - 1/4 (0.186 mi.)***	***J47***	***259***
DUSK TO DAWN MOTOCYC	***1050 LINDA VISTA DR***	***NNE 1/8 - 1/4 (0.199 mi.)***	***J50***	***297***
AMISTAR	***237 VIA VERA CRUZ***	***N 1/8 - 1/4 (0.230 mi.)***	***L56***	***350***
ADVANCED HONEYCOMB T	***1015 LINDA VISTA DR***	***NE 1/8 - 1/4 (0.236 mi.)***	***M66***	***499***
DON HUBBARD CONTRACT	***1015 LINDA VISTA DR***	***NE 1/8 - 1/4 (0.236 mi.)***	***M67***	***502***
MISSION AUTO REPAIR	***1020B LINDA VISTA DR***	***NNE 1/8 - 1/4 (0.245 mi.)***	***M70***	***742***
PEP BOYS #1712	***868 W SAN MARCOS BLV***	***E 1/8 - 1/4 (0.245 mi.)***	***N72***	***751***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHOFU DENTAL CORPORA	***1225 STONE DR***	***WNW 0 - 1/8 (0.059 mi.)***	***A6***	***39***
ALEX PAUL ENTERPRISE	***1245 STONE DR STE B***	***W 0 - 1/8 (0.087 mi.)***	***D20***	***107***
GILBERT MACHINE &MAN	***1265 STONE DR***	***W 0 - 1/8 (0.125 mi.)***	***D30***	***165***
AYESHA PETRO INC	***1187 W SAN MARCOS BL***	***SW 1/8 - 1/4 (0.157 mi.)***	***I37***	***186***
CHEVRON USA #202870	***1200 W SAN MARCOS BL***	***WSW 1/8 - 1/4 (0.215 mi.)***	***K53***	***306***
FIRESTONE COMPLETE A	***1223 W SAN MARCOS BL***	***WSW 1/8 - 1/4 (0.231 mi.)***	***K60***	***446***

PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the PFAS list, as provided by EDR, and dated 03/07/2022 has revealed that there is 1 PFAS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BRADLEY PARK - OLD L	RANCHO SANTA FE & LI	W 1/4 - 1/2 (0.466 mi.)	Z112	1373

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 5 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARKSON DIVISION Status: A Comp Number: 8659	1015 LINDA VISTA RD	NE 1/8 - 1/4 (0.236 mi.)	M63	492

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEARS ROEBUCK & CO # Status: A Comp Number: 3282	***1100 SAN MARCOS BLVD***	***SW 0 - 1/8 (0.018 mi.)***	***B4***	***33***
SEARS, ROEBUCK AND C Status: A Tank Status: A Comp Number: 21479	***1100 NORTHRIDGE SHOP***	***SW 0 - 1/8 (0.018 mi.)***	***B5***	***37***
ARCO AM PM MINI MART Status: A Tank Status: A Comp Number: 22772	1187 W SAN MARCOS BL	SW 1/8 - 1/4 (0.157 mi.)	I38	220
EXPRESS TIRE Status: A Tank Status: A Comp Number: 3193	***1223 W SAN MARCOS BL***	***WSW 1/8 - 1/4 (0.231 mi.)***	***K61***	***483***

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 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARKSON DIVISION Facility Id: 00000006924	***1015 LINDA VISTA DR***	***NE 1/8 - 1/4 (0.236 mi.)***	***M68***	***722***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEARS ROEBUCK & CO #	***1100 SAN MARCOS BLVD***	***SW 0 - 1/8 (0.018 mi.)***	***B4***	***33***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEARS, ROEBUCK AND C	***1100 NORTHRIDGE SHOP***	***SW 0 - 1/8 (0.018 mi.)***	***B5***	***37***
Facility Id: 00000021479				
Facility Id: 00000023874				

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 01/18/2022 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
AYESHA PETRO INC	***1187 W SAN MARCOS BL***	***SW 1/8 - 1/4 (0.157 mi.)***	***I37***	***186***
CHEVRON USA #202870	***1200 W SAN MARCOS BL***	***WSW 1/8 - 1/4 (0.215 mi.)***	***K53***	***306***

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SEARS, ROEBUCK AND C	***1100 NORTHRIDGE SHOP***	***SW 0 - 1/8 (0.018 mi.)***	***B5***	***37***
Facility Id: 27002391				
Status: A				

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 06/20/2022 has revealed that there are 29 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A SQUARED TECHNOLOGI	1195 LINDA VISTA DR	NW 0 - 1/8 (0.068 mi.)	C11	72
EPA ID:: CAL000338883				
ACCU-TECH LASER PROC	1175 LINDA VISTA DR	NW 0 - 1/8 (0.068 mi.)	C12	74
EPA ID:: CAD981665631				
PARABILIS SPACE TECH	1195 LINDA VISTA DR.	NW 0 - 1/8 (0.068 mi.)	C13	76
EPA ID:: CAL000426616				
SIENNA PRINT & DESIG	1205 LINDA VISTA DR	NW 0 - 1/8 (0.068 mi.)	C15	84
EPA ID:: CAL000365711				
METAL ETCH SERVICES	1165 LINDA VISTA DR	NNW 0 - 1/8 (0.073 mi.)	C19	105

EPA ID:: CAL000304576				
DISCOVERY VALLEY ANI EPA ID:: CAL000470897	997 W SAN MARCOS BLV	ESE 0 - 1/8 (0.091 mi.)	F23	116
STIGTEC EPA ID:: CAL000260343	1125 LINDA VISTA DR	N 0 - 1/8 (0.109 mi.)	E26	152
DDAM LLC DBA CALWEST EPA ID:: CAL000447051	1070 COMMERCE ST STE	NNE 0 - 1/8 (0.119 mi.)	G27	155
CITY OF SAN MARCOS EPA ID:: CAC003088648	430 VIA VERA CRUZ	SE 1/8 - 1/4 (0.127 mi.)	H31	172
SEMA CONSTRUCTION EPA ID:: CAC003087154	430 VIA VERA CRUZ	SE 1/8 - 1/4 (0.127 mi.)	H32	174
PRECISE MANUFACTURIN EPA ID:: CAL000437121	1080 LINDA VISTA DR	NNE 1/8 - 1/4 (0.169 mi.)	J41	235
MIRI CORPORATION EPA ID:: CAL000369781	1080 LINDA VISTA DR	NNE 1/8 - 1/4 (0.169 mi.)	J43	249
WELLNESS CHIROPRACTI EPA ID:: CAL920604946	940 W SAN MARCOS BLV	E 1/8 - 1/4 (0.174 mi.)	44	251
LARIOS MOBILE AUTO R EPA ID:: CAL000470842	1036 COMMERCE ST UNI	NE 1/8 - 1/4 (0.182 mi.)	45	254
BLACK OXIDE SERVICE EPA ID:: CAD981425952	1070 LINDA VISTA DR	NNE 1/8 - 1/4 (0.186 mi.)	J46	256
SO CAL TRIKE CENTER EPA ID:: CAL000296994	1050 LINDA VISTA DR	NNE 1/8 - 1/4 (0.199 mi.)	J49	295
WW GRAINGER 721 EPA ID:: CAL000335875	1321 LINDA VISTA DR	WNW 1/8 - 1/4 (0.201 mi.)	51	304
ONCORE MANUFACTURING EPA ID:: CAL000360819	237 VIA VERA CRUZ	N 1/8 - 1/4 (0.230 mi.)	L57	438
ADVANCED HONEYCOMB T EPA ID:: CAL000449750	1015 LINDA VISTA DR	NE 1/8 - 1/4 (0.236 mi.)	M62	490
CROP PRODUCTION SERV EPA ID:: CAL000041392	1015 LINDA VISTA DR	NE 1/8 - 1/4 (0.236 mi.)	M65	496
MISSION AUTO REPAIR EPA ID:: CAL000375579	1020B LINDA VISTA DR	NNE 1/8 - 1/4 (0.245 mi.)	M71	748
PEP BOYS #1712 EPA ID:: CAL000428633	868 W SAN MARCOS BLV	E 1/8 - 1/4 (0.245 mi.)	N73	760

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
SHOFU DENTAL CORPORA EPA ID:: CAL000288602	1225 STONE DR	WNW 0 - 1/8 (0.059 mi.)	A7	45
GILBERT MACHINE & MA EPA ID:: CAL000061811	1265 STONE DR	W 0 - 1/8 (0.125 mi.)	D29	163
BREE ENGINEERING COR EPA ID:: CAL000296668	1275 STONE DR	W 1/8 - 1/4 (0.144 mi.)	33	177
AYESHA PETRO INC-ARC EPA ID:: CAL000415026	1187 W SAN MARCOS BL	SW 1/8 - 1/4 (0.157 mi.)	I34	180
ARCO FACILITY NO 055	1187 W SAN MARCOS BL	SW 1/8 - 1/4 (0.157 mi.)	I35	182

EPA ID:: CAR000105239				
FIRESTONE COMPLETE A EPA ID:: CAL000440533	1223 W SAN MARCOS BL	WSW 1/8 - 1/4 (0.231 mi.)	K58	441
L&M TIRE COMPANY INC EPA ID:: CAL000074253	1223 W SAN MARCOS BL	WSW 1/8 - 1/4 (0.231 mi.)	K59	443

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 03/21/2022 has revealed that there are 18 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIRST NATIONAL BANK Cleanup Status: COMPLETED - CASE CLOSED	***885 SAN MARCOS BLVD***	***E 1/4 - 1/2 (0.264 mi.)***	***N75***	***764***
ROLLINS LEASING CORP Cleanup Status: COMPLETED - CASE CLOSED	***1355 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.264 mi.)***	***O76***	***765***
ASTLEFORD CONSTRUCTI Cleanup Status: COMPLETED - CASE CLOSED	***1010 LINDA VISTA DR***	***NE 1/4 - 1/2 (0.271 mi.)***	***M78***	***773***
MORALLY WHOLESALE Cleanup Status: COMPLETED - CASE CLOSED	***975 LINDA VISTA DR***	***NE 1/4 - 1/2 (0.284 mi.)***	***P80***	***810***
6-2-6 EQUIPMENT RENT Cleanup Status: COMPLETED - CASE CLOSED	***175 VIA VERA CRUZ***	***N 1/4 - 1/2 (0.291 mi.)***	***Q83***	***823***
ROOFING WHOLESALE CO Cleanup Status: COMPLETED - CASE CLOSED	***1401 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.302 mi.)***	***O84***	***828***
SOLID WASTE SERVICES Cleanup Status: COMPLETED - CASE CLOSED	***224 S LAS POSAS RD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R88***	***894***
CLARENCE OCHS OIL Cleanup Status: COMPLETED - CASE CLOSED	***145 VIA VERA CRUZ***	***N 1/4 - 1/2 (0.321 mi.)***	***Q91***	***1029***
AMERICAN FENCE CO Cleanup Status: COMPLETED - CASE CLOSED	***1075 GRAND AV***	***NNE 1/4 - 1/2 (0.366 mi.)***	***S95***	***1084***
STAR BUILDERS SUPPLY Cleanup Status: COMPLETED - CASE CLOSED	***961 GRAND AVE***	***NE 1/4 - 1/2 (0.381 mi.)***	***T97***	***1096***
ARMORED TRANSPORT Cleanup Status: COMPLETED - CASE CLOSED	***1444 ALPINE PL***	***WNW 1/4 - 1/2 (0.381 mi.)***	***U99***	***1106***
WALTER TRUCKING, INC Cleanup Status: COMPLETED - CASE CLOSED	***173 S BENT AV***	***ENE 1/4 - 1/2 (0.436 mi.)***	***V103***	***1120***
MACDERMID PRINTING S Cleanup Status: COMPLETED - CASE CLOSED	***260 SOUTH PACIFIC ST***	***WNW 1/4 - 1/2 (0.443 mi.)***	***106***	***1125***
LLOYD PEST CONTROL Cleanup Status: COMPLETED - CASE CLOSED	***223 S BENT AV***	***E 1/4 - 1/2 (0.445 mi.)***	***W107***	***1148***
SAN MARCOS COUNTY WA Cleanup Status: COMPLETED - CASE CLOSED	***788 SAN MARCOS BLVD***	***E 1/4 - 1/2 (0.459 mi.)***	***X108***	***1151***
SCHMID INSULATION CO Cleanup Status: COMPLETED - CASE CLOSED	***1520 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.470 mi.)***	***AA113***	***1381***
SKS INC.	***875 GRAND AVE***	***ENE 1/4 - 1/2 (0.474 mi.)***	***115***	***1391***

Cleanup Status: COMPLETED - CASE CLOSED

SAN DIEGO AUTO CENTE	***755 SAN MARCOS BL***	***E 1/4 - 1/2 (0.494 mi.)***	***X117***	***1436***

Cleanup Status: COMPLETED - CASE CLOSED

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MISSION AUTO REPAIR	***1020 LINDA VISTA DR***	***NNE 1/8 - 1/4 (0.245 mi.)***	***M69***	***734***

Database: DRYCLEANERS, Date of Government Version: 08/27/2021
EPA Id: CAL000223784

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 17 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FIRST NATIONAL BANK	***885 SAN MARCOS***	***E 1/4 - 1/2 (0.264 mi.)***	***N74***	***762***
Reg Id: 9UT2319				
MORALLY WHOLESALE	***975 LINDA VISTA DR***	***NE 1/4 - 1/2 (0.284 mi.)***	***P80***	***810***
Reg Id: 9UT1999				
MONIER COMPANY	***1385 LINDA VISTA***	***WNW 1/4 - 1/2 (0.288 mi.)***	***O81***	***821***
Reg Id: 9UT2985				
6-2-6 EQUIPMENT RENT	***175 VIA VERA CRUZ***	***N 1/4 - 1/2 (0.291 mi.)***	***Q83***	***823***
Reg Id: 9UT681				
Reg Id: 9UT2954				
ROOFING WHOLESALE CO	***1401 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.302 mi.)***	***O84***	***828***
Reg Id: 9UT3208				
MASHBURN SANITATION	***224 LAS POSAS RD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R86***	***888***
Reg Id: 9UT2285				
Reg Id: 9UT3726				
CLARENCE OCHS OIL	***145 VIA VERA CRUZ***	***N 1/4 - 1/2 (0.321 mi.)***	***Q90***	***1024***
Reg Id: 9UT3651				
AMERICAN FENCE CO	***1075 GRAND AV***	***NNE 1/4 - 1/2 (0.366 mi.)***	***S94***	***1082***
Reg Id: 9UT1109				
STAR BUILDERS SUPPLY	***961 GRAND AVE***	***NE 1/4 - 1/2 (0.381 mi.)***	***T98***	***1104***
Reg Id: 9UT872				
ARMORED TRANSPORT OF	***1444 ALPINE PLACE***	***WNW 1/4 - 1/2 (0.381 mi.)***	***U100***	***1112***
Reg Id: 9UT1783				
R.D. WALTER TRUCKING	***174 BENT***	***ENE 1/4 - 1/2 (0.423 mi.)***	***V101***	***1115***

Reg Id: 9UT1540				
LLOYD PEST CONTROL Reg Id: 9UT3270	***223 BENT***	***E 1/4 - 1/2 (0.438 mi.)***	***W105***	***1124***
MACDERMID PRINTING S Reg Id: 9UT369	***260 SOUTH PACIFIC ST***	***WNW 1/4 - 1/2 (0.443 mi.)***	***106***	***1125***
VALLECITOS WATER DIS Reg Id: 9UT817	***788 SAN MARCOS BL***	***E 1/4 - 1/2 (0.459 mi.)***	***X109***	***1153***
SCHMID INSULATION CO Reg Id: 9UT1700	***1520 LINDA VISTA DR***	***WNW 1/4 - 1/2 (0.470 mi.)***	***AA113***	***1381***
SKS INC. Reg Id: 9UT2059	***875 GRAND AVE***	***ENE 1/4 - 1/2 (0.474 mi.)***	***115***	***1391***
DEWEY PEST CONTROL Reg Id: 9UT301	***1370 GRAND AVENUE***	***NNW 1/4 - 1/2 (0.486 mi.)***	***Y116***	***1423***

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 02/14/2022 has revealed that there are 2 HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SIGNET ARMORLITE, IN EPA ID: CAD008362634 Cleanup Status: CLOSED	***1001 ARMORLITE DRIVE***	***NNE 1/2 - 1 (0.658 mi.)***	***122***	***1482***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE SINGER CO/KEARFO EPA ID: CAD046589305 Cleanup Status: CLOSED	***1370 W SAN MARCOS BL***	***WSW 1/2 - 1 (0.534 mi.)***	***AB118***	***1439***

Notify 65: 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.

A review of the Notify 65 list, as provided by EDR, and dated 03/11/2022 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRIBBAGE LANE & SAN		E 1/4 - 1/2 (0.278 mi.)	N79	810
MASHBURN SANITATION	***224 LAS POSAS ROAD***	***NNW 1/4 - 1/2 (0.316 mi.)***	***R87***	***893***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: 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.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PUMP IT UP OF SAN MA	445 RYAN DR	WNW 0 - 1/8 (0.012 mi.)	A3	33

EDR Hist Cleaner: 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A1 DRY CLEANERS & LA	997 W SAN MARCOS BLV	ESE 0 - 1/8 (0.091 mi.)	F22	115

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

Site Name	Database(s)
AT&T CALIFORNIA - DB26X	CDL
EVANS DEDICATED SYSTEMS	San Diego Co. HMMD
SUNNY FRESH CLEANERS #16	ENVIROSTOR
	SAN DIEGO CO. SAM

OVERVIEW MAP - 7043715.2S

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:	1020-1080 West San Marcos Boulevard	CLIENT:	Geocon Env. Consultants, Inc.
ADDRESS:	1020 West San Marcos Boulevard San Marcos CA 92078	CONTACT:	Cole Mikesell
LAT/LONG:	33.135359 / 117.189926	INQUIRY #:	7043715.2s
		DATE:	July 06, 2022 5:18 pm

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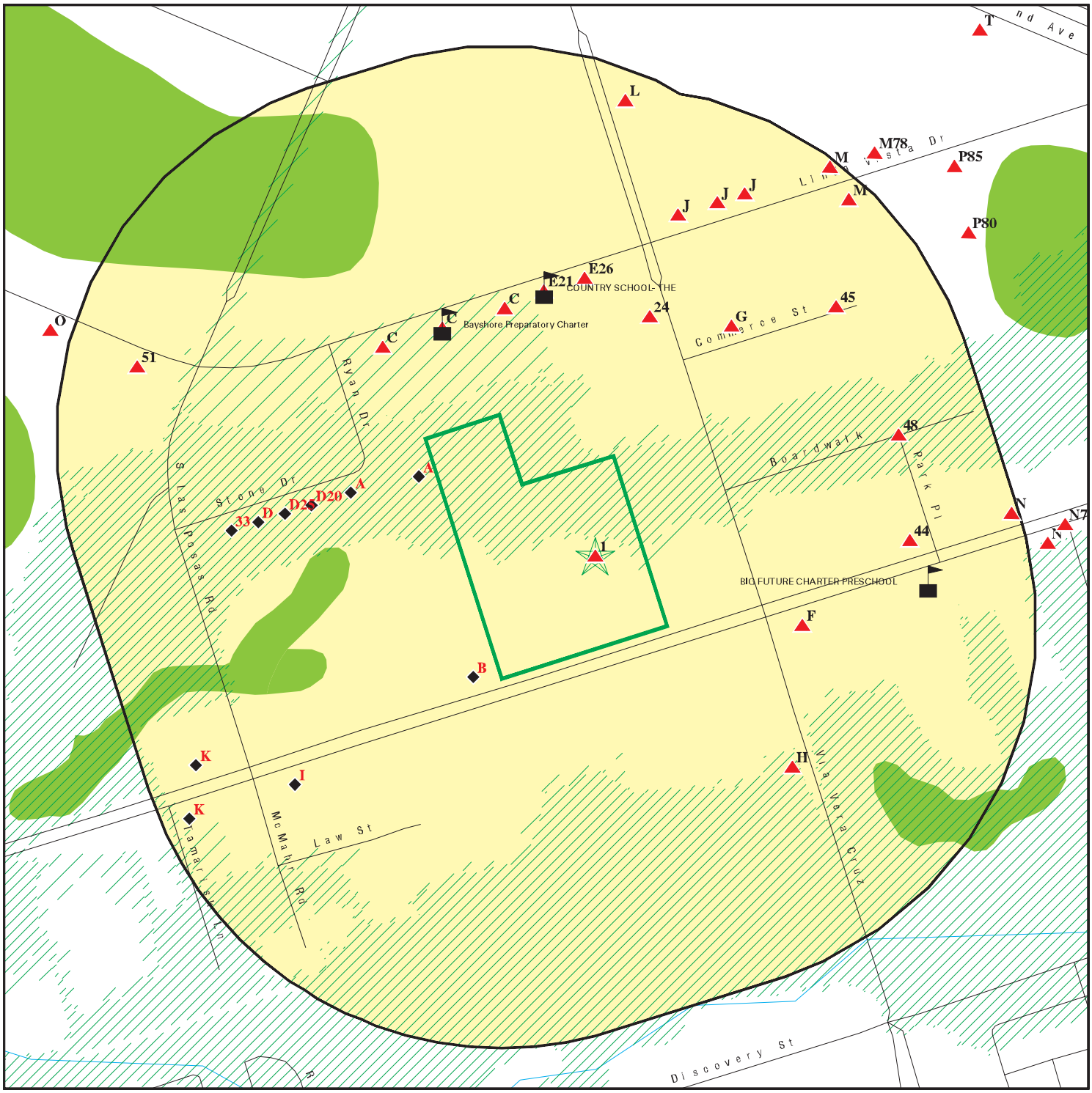
DETAIL MAP - 7043715.2S



- 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
- Indian Reservations BIA
- 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:	1020-1080 West San Marcos Boulevard	CLIENT:	Geocon Env. Consultants, Inc.
ADDRESS:	1020 West San Marcos Boulevard San Marcos CA 92078	CONTACT:	Cole Mikesell
LAT/LONG:	33.135359 / 117.189926	INQUIRY #:	7043715.2s
		DATE:	July 06, 2022 5:19 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								
Lists of Federal NPL (Superfund) sites								
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
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	2	NR	2
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		6	3	NR	NR	NR	9
RCRA-VSQG	0.250		1	0	NR	NR	NR	1
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	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	1	3	6	NR	10
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	3	NR	NR	3

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
Lists of state and tribal leaking storage tanks								
SAN DIEGO CO. SAM	0.500		0	0	18	NR	NR	18
LUST	0.500		0	0	31	NR	NR	31
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	8	NR	NR	8
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	4	NR	NR	NR	4
AST	0.250		0	2	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of 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
Lists of state and tribal brownfield 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	1	NR	NR	1
HAULERS	0.001		0	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	0.001		0	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	0.001		0	NR	NR	NR	NR	0
San Diego Co. HMMD	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		8	11	NR	NR	NR	19
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	1	NR	NR	1
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		2	3	NR	NR	NR	5

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
HIST UST	0.250		2	1	NR	NR	NR	3
CERS TANKS	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		1	0	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		10	19	NR	NR	NR	29
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	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
ECHO	0.001		0	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
Cortese	0.500		0	0	18	NR	NR	18
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	17	NR	NR	17
HWP	1.000		0	0	0	2	NR	2
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	2	0	NR	2
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
SAN DIEGO CO LOP	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	0	NR	NR	NR	NR	1
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	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		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	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
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		2	32	48	103	10	0	195

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **OLD CALIFORNIA RESTAURANT ROW** **NPDES** **S118119456**
Target **1020 WEST SAN MARCOS BLVD** **CIWQS** **N/A**
Property **SAN MARCOS, CA 92078**

Actual:
531 ft.

NPDES:

Name:	OLD CALIFORNIA RESTAURANT ROW
Address:	1020 WEST SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	9
Agency Number:	0
Regulatory Measure ID:	455735
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	9 37C373254
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/23/2015
Termination Date Of Regulatory Measure:	10/30/2020
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1537 Grand Avenue Suite A
Discharge Name:	Old California Partnership LP
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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:	9
Regulatory Measure ID:	455735
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	9 37C373254
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:	06/18/2015
Processed Date:	06/23/2015
Status:	Active
Status Date:	06/23/2015
Place Size:	13.1

OLD CALIFORNIA RESTAURANT ROW (Continued) **S118119456**

Place Size Unit:	Acres
Contact:	John Clement
Contact Title:	Not reported
Contact Phone:	949-673-4660
Contact Phone Ext:	Not reported
Contact Email:	john.clement@venturepointinc.com
Operator Name:	Old California Partnership LP
Operator Address:	1537 Grand Avenue Suite A
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Operator Contact:	John Clement
Operator Contact Title:	Not reported
Operator Contact Phone:	949-673-4660
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	john.clement@venturepointinc.com
Operator Type:	Private Business
Developer:	Venture Point
Developer Address:	4682 MacArthur Court
Developer City:	Newport Beach
Developer State:	California
Developer Zip:	92660
Developer Contact:	John Clement
Developer Contact Title:	President
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Elizabeth Burke
Certifier Title:	Senior Real Estate Manager
Certification Date:	18-JUN-15
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	455735

OLD CALIFORNIA RESTAURANT ROW (Continued) **S118119456**

Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37C373254
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/23/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Old California Partnership LP
Discharge Address:	1537 Grand Avenue Suite A
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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

OLD CALIFORNIA RESTAURANT ROW (Continued) **S118119456**

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:	OLD CALIFORNIA RESTAURANT ROW
Address:	1020 WEST SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37C373254
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:	10/30/2020
Operator Name:	Old California Partnership LP
Operator Address:	1537 Grand Avenue Suite A
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	455735
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	9 37C373254
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

OLD CALIFORNIA RESTAURANT ROW (Continued) **S118119456**

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:	06/18/2015
Processed Date:	06/23/2015
Status:	Active
Status Date:	06/23/2015
Place Size:	13.1
Place Size Unit:	Acres
Contact:	John Clement
Contact Title:	Not reported
Contact Phone:	949-673-4660
Contact Phone Ext:	Not reported
Contact Email:	john.clement@venturepointinc.com
Operator Name:	Old California Partnership LP
Operator Address:	1537 Grand Avenue Suite A
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Operator Contact:	John Clement
Operator Contact Title:	Not reported
Operator Contact Phone:	949-673-4660
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	john.clement@venturepointinc.com
Operator Type:	Private Business
Developer:	Venture Point
Developer Address:	4682 MacArthur Court
Developer City:	Newport Beach
Developer State:	California
Developer Zip:	92660
Developer Contact:	John Clement
Developer Contact Title:	President
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported

OLD CALIFORNIA RESTAURANT ROW (Continued) **S118119456**

Certifier:	Elizabeth Burke
Certifier Title:	Senior Real Estate Manager
Certification Date:	18-JUN-15
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	455735
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37C373254
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/23/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Old California Partnership LP
Discharge Address:	1537 Grand Avenue Suite A
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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

OLD CALIFORNIA RESTAURANT ROW (Continued) **S118119456**

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

CIWQS:

Name:	OLD CALIFORNIA RESTAURANT ROW
Address:	1020 WEST SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	Old California Partnership LP
Agency Address:	1537 Grand Avenue Suite A, San Marcos, CA 92078
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	9
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	9 37C373254
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	06/23/2015
Termination Date:	10/30/2020
Expiration/Review Date:	Not reported
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:	33.135119
Longitude:	-117.189891

A2
WNW
< 1/8
0.012 mi.
62 ft.

Relative:
Lower

Actual:
527 ft.

LA COSTA SILKSCREEN INC
445 RYAN DR
SAN MARCOS, CA 92069

Site 1 of 5 in cluster A

Database(s): RCRA-SQG, San Diego Co. HMMD, FINDS, ECHO, HAZNET, HWTS

EDR ID Number: 1000819835
EPA ID Number: CAD983658386

RCRA-SQG:

Date Form Received by Agency:	20050422
Handler Name:	LA COSTA SILKSCREEN INC
Handler Address:	445 RYAN DR
Handler City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAD983658386
Contact Name:	SAROM DY
Contact Address:	445 RYAN DR
Contact City,State,Zip:	SAN MARCOS, CA 92069
Contact Telephone:	760-410-1500
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:	445 RYAN DR
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	SAROM DY
Owner Type:	Private
Operator Name:	LA COSTA SILKSCREEN
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

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:	20050503
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:	No

Hazardous Waste Summary:

Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LA COSTA SILKSCREEN
Legal Status:	Private
Date Became Current:	20010402
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAROM DY
Legal Status:	Private
Date Became Current:	20010402
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:	BRUCE SATOURIAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	445 RYAN DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	619-744-2402
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930202
Handler Name:	SANTOURIAN ENTERPRISES
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:	20050422
Handler Name:	LA COSTA SILKSCREEN 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:	54143
NAICS Description:	GRAPHIC DESIGN SERVICES

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HMMD SAN DIEGO:

Name:	SANTOURIAN ENTERPRISES
Address:	445 RYAN DR
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	132960
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	219-490-22-00
Last HMMD Inspection:	06/23/1992
Facility Telephone:	619-744-2402
Permit Status:	INAC
Permit Expiration:	06/23/1992
Date Last Updated:	11/02/2012
Facility Owner:	BRUCE SANTOURIAN
Facility Mailing Address:	445 RYAN DR #104
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92069-
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

FINDS:
Registry ID: 110070271144

Click Here:

Environmental Interest/Information System:
OSHA ESTABLISHMENT
Registry ID: 110002891942

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: 1000819835

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Registry ID: 110002891942
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002891942
Name: LA COSTA SILKSCREEN INC
Address: 445 RYAN DR
City,State,Zip: SAN MARCOS, CA 92069

HAZNET:
Name: LA COSTA SILKSCREEN INC
Address: 445 RYAN DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 920784072
Contact: SAROM DY
Telephone: 7604101500
Mailing Name: Not reported
Mailing Address: 2435 LA MIRADA DRIVE

Year: 2014
Gepaid: CAD983658386
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: 0.2

Year: 2013
Gepaid: CAD983658386
TSD EPA ID: CAT000613893
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: 0.225

Year: 2009
Gepaid: CAD983658386
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: 2.0958

Year: 2008
Gepaid: CAD983658386
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: 1.7892

Year: 2008
Gepaid: CAD983658386
TSD EPA ID: TXD077603371
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.2

Year: 1995

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Gepaid: CAD983658386
TSD EPA ID: CAT080033681
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: -
Tons: 0.209

Year: 1995
Gepaid: CAD983658386
TSD EPA ID: CAT080033681
CA Waste Code: -
Disposal Method: R01 - Recycler
Tons: 0

Additional Info:
Year: 2009
Gen EPA ID: CAD983658386

Shipment Date: 20090623
Creation Date: 10/29/2009 18:30:09
Receipt Date: 20090630
Manifest ID: 001871827SKS
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: 0.126
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: 20090608
Creation Date: 10/12/2009 18:30:08
Receipt Date: 20090615
Manifest ID: 001852035SKS
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

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:	20090526
Creation Date:	9/25/2009 18:30:08
Receipt Date:	20090602
Manifest ID:	001838242SKS
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:	20090511
Creation Date:	9/9/2009 18:30:22
Receipt Date:	20090518
Manifest ID:	001919076SKS
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090428
Creation Date:	8/28/2009 18:30:09
Receipt Date:	20090506
Manifest ID:	001907804SKS
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:	0.189
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:	20090416
Creation Date:	8/17/2009 18:30:22
Receipt Date:	20090423
Manifest ID:	001891728SKS
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:	0.189
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:	20090330
Creation Date:	7/31/2009 18:30:21
Receipt Date:	20090402

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Manifest ID:	001673658SKS
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:	20090316
Creation Date:	7/14/2009 18:30:08
Receipt Date:	20090319
Manifest ID:	001659372SKS
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:	20090304
Creation Date:	7/2/2009 18:30:34
Receipt Date:	20090309
Manifest ID:	001614428SKS
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

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:	20090217
Creation Date:	6/16/2009 18:30:09
Receipt Date:	20090223
Manifest ID:	001619470SKS
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:	0.1638
Waste Quantity:	39
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:	CAD983658386
Shipment Date:	20081223
Creation Date:	4/28/2009 18:30:08
Receipt Date:	20090105
Manifest ID:	000886822SKS
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.126
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:	20081211
Creation Date:	4/14/2009 18:30:09
Receipt Date:	20081218
Manifest ID:	000878724SKS
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:	0.21
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:	20081124
Creation Date:	4/8/2009 18:30:30
Receipt Date:	20081202
Manifest ID:	001436025SKS
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20081112
Creation Date:	3/31/2009 18:30:08
Receipt Date:	20081117
Manifest ID:	001474295SKS
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:	20081030
Creation Date:	3/30/2009 18:30:08
Receipt Date:	20081105
Manifest ID:	001459982SKS
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:	0.126
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:	20081017
Creation Date:	3/9/2009 18:30:54

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Receipt Date:	20081027
Manifest ID:	001434075SKS
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:	0.126
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:	20080930
Creation Date:	2/4/2009 18:30:20
Receipt Date:	20081007
Manifest ID:	001386157SKS
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:	0.1932
Waste Quantity:	46
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:	20080919
Creation Date:	1/28/2009 18:30:25
Receipt Date:	20080924
Manifest ID:	001375386SKS
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

LA COSTA SILKSCREEN INC (Continued) **1000819835**

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:	0.126
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:	20080902
Creation Date:	1/15/2009 18:30:34
Receipt Date:	20080909
Manifest ID:	001398566SKS
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:	0.126
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:	20080818
Creation Date:	1/7/2009 18:30:08
Receipt Date:	20080822
Manifest ID:	001398425SKS
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)

LA COSTA SILKSCREEN INC (Continued) **1000819835**

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

Additional Info:

Year:	2013
Gen EPA ID:	CAD983658386
Shipment Date:	20130610
Creation Date:	10/16/2013 22:15:20
Receipt Date:	20130621
Manifest ID:	003792125SKS
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D005
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:	D001
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:	CAD983658386
Shipment Date:	19950911
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950911
Manifest ID:	93494126
Trans EPA ID:	CAD076548635
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
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Meth Code:	- Not reported
Quantity Tons:	0.209
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:	19950911
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950911
Manifest ID:	93494126
Trans EPA ID:	CAD076548635
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
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0
Waste Quantity:	0
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

Additional Info:

Year:	2014
Gen EPA ID:	CAD983658386
Shipment Date:	20140313
Creation Date:	8/10/2014 22:15:13
Receipt Date:	20140321
Manifest ID:	003805652SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES 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:	D005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D001

LA COSTA SILKSCREEN INC (Continued) **1000819835**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	LA COSTA SILKSCREEN INC
Address:	445 RYAN DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAD983658386
Inactive Date:	06/30/2014
Create Date:	02/02/1993
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2435 LA MIRADA DRIVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	VISTA, CA 920810000
Owner Name:	LA COSTA SILKSCREEN INC
Owner Address:	445 RYAN DR
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MARCOS, CA 920690000
Contact Name:	SAROM DY
Contact Address:	445 RYAN DR
Contact Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920690000
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.136896
Longitude:	-117.192835

NAICS:

EPA ID:	CAD983658386
Create Date:	2010-04-12 10:24:25.123
NAICS Code:	313312
NAICS Description:	Textile and Fabric Finishing (except Broadwoven Fabric) Mills
Issued EPA ID Date:	1993-02-02 00:00:00
Inactive Date:	2014-06-30 00:00:00
Facility Name:	LA COSTA SILKSCREEN INC
Facility Address:	445 RYAN DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920784072

A3
WNW
< 1/8
0.012 mi.
62 ft.

PUMP IT UP OF SAN MARCOS
445 RYAN DR
SAN MARCOS, CA 92078

Site 2 of 5 in cluster A

EDR Hist Auto **1020279394**
N/A

Relative:
Lower

Actual:
527 ft.

EDR Hist Auto

Year:	Name:	Type:
2006	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2007	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2008	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2009	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2010	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2011	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2012	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2013	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC
2014	PUMP IT UP OF SAN MARCOS	Gasoline Service Stations, NEC

B4
SW
< 1/8
0.018 mi.
93 ft.

SEARS ROEBUCK & CO #8028
1100 SAN MARCOS BLVD
SAN MARCOS, CA 92069

Site 1 of 2 in cluster B

San Diego Co. HMMD **S106060322**
SWEEPS UST **N/A**
HIST UST
HWTS

Relative:
Lower

Actual:
527 ft.

HMMD SAN DIEGO:

Name:	SEARS #8028
Address:	1100 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	103282
Business Type:	6HK26
EPA Id Number:	CAD981426000
APN:	219-200-47-00
Last HMMD Inspection:	10/13/2008
Facility Telephone:	760-744-9572
Permit Status:	INAC
Permit Expiration:	06/30/2009
Date Last Updated:	11/02/2012
Facility Owner:	SEARS HOLDINGS CORP
Facility Mailing Address:	3333 BEVERLY ROAD, B5-362A
Facility Mailing City:	Hoffman Estates
Facility Mailing State:	IL
Facility Mailing Zip:	60179
UST Owner:	SEARS, ROEBUCK AND CO.
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Violations Inactive Permits:

Permit Number:	103282
Update Date:	11/02/2012
Inspection Date:	10/23/2003
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

SEARS ROEBUCK & CO #8028 (Continued) **S106060322**

Activity: Inactive Permit

Permit Number: 103282
Update Date: 11/02/2012
Inspection Date: 10/23/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: Inactive Permit

UST:
UST Name: UNDERGROUND TANK 103282 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 103282
Tank Type: UNKNOWN
Additional Id: 01
Capacity Gallons: 8000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1986-11-08 00:00:00
Year Installed: 1972-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: SEARS #8028
Address: 1100 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 103282
Business Type: 6HK26
EPA Id Number: CAD981426000
APN: 219-200-47-00
Last HMMD Inspection: 10/13/2008
Facility Telephone: 760-744-9572
Permit Status: INAC
Permit Expiration: 06/30/2009
Date Last Updated: 11/02/2012
Facility Owner: SEARS HOLDINGS CORP
Facility Mailing Address: 3333 BEVERLY ROAD, B5-362A
Facility Mailing City: Hoffman Estates
Facility Mailing State: IL
Facility Mailing Zip: 60179
UST Owner: SEARS, ROEBUCK AND CO.
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:

SEARS ROEBUCK & CO #8028 (Continued) **S106060322**

Permit Number:	103282
Update Date:	11/02/2012
Inspection Date:	10/23/2003
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	Inactive Permit

Permit Number:	103282
Update Date:	11/02/2012
Inspection Date:	10/23/2003
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	Inactive Permit

UST:

UST Name:	UNDERGROUND TANK 103282 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	103282
Tank Type:	UNKNOWN
Additional Id:	01
Capacity Gallons:	8000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1986-11-08 00:00:00
Year Installed:	1972-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

SWEEPS UST:

Name:	SEARS ROEBUCK & CO #8028
Address:	1100 SAN MARCOS BLVD
City:	SAN MARCOS
Status:	Not reported
Comp Number:	3282
Number:	Not reported
Board Of Equalization:	44-001401
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-003282-000001
Tank Status:	Not reported
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL

SEARS ROEBUCK & CO #8028 (Continued) **S106060322**

STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

Name: SEARS ROEBUCK & CO #8028
Address: 1100 SAN MARCOS BLVD
City: SAN MARCOS
Status: Active
Comp Number: 3282
Number: 9
Board Of Equalization: 44-001401
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: SEARS ROEBUCK AND CO
Address: 1100 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92069
File Number: 0002F2CD
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F2CD.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:

HWTS:
Name: SEARS #8028
Address: 1100 SAN MARCOS BLVD
Address 2: Not reported

SEARS ROEBUCK & CO #8028 (Continued) **S106060322**

City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAL000032005
Inactive Date:	06/30/2002
Create Date:	05/10/1990
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	3333 BEVERLY RD, A2-238A
Mailing Address 2:	Not reported
Mailing City,State,Zip:	HOFFMAN ESTATES, IL 60179
Owner Name:	SEARS ROEBUCK & COMPANY
Owner Address:	3333 BEVERLY RD, A2-238A
Owner Address 2:	Not reported
Owner City,State,Zip:	HOFFMAN ESTATES, CA 60179
Contact Name:	KATHLINE FLAHERTY
Contact Address:	3333 BEVERLY RD, A2-238A
Contact Address 2:	Not reported
City,State,Zip:	HOFFMAN ESTATES, IL 60179
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.134026
Longitude:	-117.190815

NAICS:

EPA ID:	CAL000032005
Create Date:	2002-10-31 12:01:51.763
NAICS Code:	45411
NAICS Description:	Electronic Shopping and Mail-Order Houses
Issued EPA ID Date:	1990-05-10 00:00:00
Inactive Date:	2002-06-30 00:00:00
Facility Name:	SEARS #8028
Facility Address:	1100 SAN MARCOS BLVD
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920690000

B5 **SEARS, ROEBUCK AND CO** **SWEEPS UST** **1000369308**
SW **1100 NORTHRIDGE SHOPPING** **HIST UST** **N/A**
< 1/8 **SALINAS, CA 93906** **CA FID UST**
0.018 mi.
93 ft. **Site 2 of 2 in cluster B**

Relative:
Lower

Actual:
527 ft.

SWEEPS UST:

Name:	SEARS, ROEBUCK AND CO
Address:	1100 NORTHRIDGE SHOPPING
City:	SALINAS
Status:	Active
Comp Number:	21479
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	07-31-88
Owner Tank Id:	780
SWRCB Tank Id:	27-000-021479-000001

SEARS, ROEBUCK AND CO (Continued) **1000369308**

Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: 1

HIST UST:
Name: SEARS, ROEBUCK AND CO
Address: 1100 NORTHRIDGE SHOPPING CENTE
City,State,Zip: SALINAS, CA 93906
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000023874
Facility Type: Other
Other Type: APPLIANCE REPAIR
Contact Name: MR. A. WAYNE BUSH
Telephone: 6197444500
Owner Name: SEARS, ROEBUCK AND CO.
Owner Address: 1100 SAN MARCOS BLVD.
Owner City,St,Zip: SAN MARCOS, CA 92069
Total Tanks: 0001

Tank Num: 001
Container Num: 01
Year Installed: 1972
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 001
Container Num: 780
Year Installed: 1980
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

CA FID UST:
Facility ID: 27002391
Regulated By: UTNKA
Regulated ID: 00021479
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4084496666
Mail To: Not reported
Mailing Address: 1100 NORTHRIDGE SHOPPING
Mailing Address 2: Not reported
Mailing City,St,Zip: SALINAS 93906
Contact: Not reported
Contact Phone: Not reported

SEARS, ROEBUCK AND CO (Continued) **1000369308**

DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

A6 **SHOFU DENTAL CORPORATION** **CERS HAZ WASTE** **S113134883**
WNW **1225 STONE DR** **HAZNET** **N/A**
< 1/8 **SAN MARCOS, CA 92078** **HWTS**
0.059 mi.
311 ft. **Site 3 of 5 in cluster A**

Relative: **Lower**
Actual: **524 ft.**

CERS HAZ WASTE:
Name: SHOFU DENTAL CORPORATION
Address: 1225 STONE DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 153255
CERS ID: 10376140
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 153255
Site Name: SHOFU DENTAL CORPORATION
Violation Date: 02-09-2016
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 03/30/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 153255
Site Name: SHOFU DENTAL CORPORATION
Violation Date: 02-11-2020
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/24/2020. Inspection Sequence ID:6350956;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 153255
Site Name: SHOFU DENTAL CORPORATION
Violation Date: 02-05-2015
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.
Violation Notes: Returned to compliance on 02/09/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

SHOFU DENTAL CORPORATION (Continued) **S113134883**

Site ID: 153255
Site Name: SHOFU DENTAL CORPORATION
Violation Date: 02-11-2020
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 02/24/2020. Inspection Sequence ID:6350956
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 153255
Site Name: SHOFU DENTAL CORPORATION
Violation Date: 02-11-2020
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 02/24/2020. Inspection Sequence ID:6350956
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 153255
Site Name: SHOFU DENTAL CORPORATION
Violation Date: 01-05-2018
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 site map with all required content.
Violation Notes: Returned to compliance on 02/26/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 153255
Site Name: SHOFU DENTAL CORPORATION
Violation Date: 01-05-2018
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 01/05/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection

SHOFU DENTAL CORPORATION (Continued) **S113134883**

Eval Date: 01-05-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5846815
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-09-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5433432
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6350956
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:4096791
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-09-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5433432
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6350956
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2015
Violations Found: Yes
Eval Type: Routine done by local agency

SHOFU DENTAL CORPORATION (Continued) **S113134883**

Eval Notes: Inspector: Oglesby Margaret Inspection ID:4096791
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 153255
Facility Name: SHOFU DENTAL CORPORATION
Env Int Type Code: HMBP
Program ID: 10376140
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.135800
Longitude: -117.192700

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Mauro Malzyner
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: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1225 STONE DR
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Mauro Malzyner
Entity Title: Regulatory Affairs Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

SHOFU DENTAL CORPORATION (Continued) **S113134883**

Affiliation Type Desc:	Operator
Entity Name:	SHOFU, 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:	(760) 736-3277,

Affiliation Type Desc:	Parent Corporation
Entity Name:	SHOFU DENTAL CORPORATION
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:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Mauro Malzyner
Entity Title:	Not reported
Affiliation Address:	1225 Stone Dr
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	SHOFU DENTAL CORP
Entity Title:	Not reported
Affiliation Address:	1225 STONE DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 736-3277,

HAZNET:

Name:	SHOFU DENTAL CORPORATION
Address:	1225 STONE DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92078
Contact:	BRET ANDREASEN
Telephone:	7607363277
Mailing Name:	Not reported
Mailing Address:	1225 STONE DR

Year:	2005
Gepaid:	CAL000288602
TSD EPA ID:	CAD028409019
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H01 - Transfer Station
Tons:	0.065

SHOFU DENTAL CORPORATION (Continued) **S113134883**

Year:	2005
Gepaid:	CAL000288602
TSD EPA ID:	CAD044429835
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	D99 - Disposal, Other
Tons:	0.03

Additional Info:

Year:	2005
Gen EPA ID:	CAL000288602
Shipment Date:	20050222
Creation Date:	4/29/2005 8:38:49
Receipt Date:	20050224
Manifest ID:	23764781
Trans EPA ID:	CAR000108811
Trans Name:	AMERICHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	D99 - Disposal, Other
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:	20050222
Creation Date:	5/29/2005 18:30:53
Receipt Date:	20050228
Manifest ID:	23764780
Trans EPA ID:	CAR000108811
Trans Name:	AMERICHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY AND OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.065
Waste Quantity:	130
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

SHOFU DENTAL CORPORATION (Continued) **S113134883**

Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: SHOFU DENTAL CORPORATION
Address: 1225 STONE DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000288602
Inactive Date: Not reported
Create Date: 12/02/2004
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1225 STONE DR
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MARCOS, CA 920780000
Owner Name: SHOFU DENTAL CORPORATION
Owner Address: 1225 STONE DR
Owner Address 2: Not reported
Owner City,State,Zip: SAN MARCOS, CA 92078
Contact Name: MAURO MALZYNER
Contact Address: 1225 STONE DR
Contact Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.740008
Longitude: -117.787308

NAICS:
EPA ID: CAL000288602
Create Date: 2004-12-02 11:13:24.533
NAICS Code: 339114
NAICS Description: Dental Equipment and Supplies Manufacturing
Issued EPA ID Date: 2004-12-02 11:13:24.38000
Inactive Date: Not reported
Facility Name: SHOFU DENTAL CORPORATION
Facility Address: 1225 STONE DR
Facility Address 2: Not reported
Facility City: SAN MARCOS
Facility County: Not reported
Facility State: CA
Facility Zip: 92078

A7 **SHOFU DENTAL CORPORATION** **RCRA NonGen / NLR** **1024810231**
WNW **1225 STONE DR** **CAL000288602**
< 1/8 **SAN MARCOS, CA 92078**
0.059 mi.
311 ft. **Site 4 of 5 in cluster A**

Relative: **Lower**
Actual: **524 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20041202
Handler Name: SHOFU DENTAL CORPORATION
Handler Address: 1225 STONE DR
Handler City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000288602

SHOFU DENTAL CORPORATION (Continued) **1024810231**

Contact Name:	MAURO MALZYNER
Contact Address:	1225 STONE DR
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-736-3277
Contact Fax:	760-736-3276
Contact Email:	MMALZYNER@SHOFU.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:	1225 STONE DR
Mailing City,State,Zip:	SAN MARCOS, CA 92078-0000
Owner Name:	SHOFU DENTAL CORPORATION
Owner Type:	Other
Operator Name:	MAURO MALZYNER
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

SHOFU DENTAL CORPORATION (Continued) **1024810231**

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:	20180905
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:	SHOFU DENTAL CORPORATION
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1225 STONE DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-736-3277
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MAURO MALZYNER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1225 STONE DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-736-3277
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20041202
Handler Name: SHOFU DENTAL CORPORATION	
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

SHOFU DENTAL CORPORATION (Continued) **1024810231**

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: 339114
NAICS Description: DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A8 WNW < 1/8 0.059 mi. 311 ft. **SHOFU DENTAL CORPORATION** **RCRA-SQG 1000128789**
1225 STONE DR **FINDS CAD982497851**
SAN MARCOS, CA 92069 **ECHO**

Site 5 of 5 in cluster A

Relative: Lower
Actual: 524 ft.

RCRA-SQG:
Date Form Received by Agency: 20031022
Handler Name: SHOFU DENTAL CORPORATION
Handler Address: 1225 STONE DR
Handler City,State,Zip: SAN MARCOS, CA 92069
EPA ID: CAD982497851
Contact Name: MARK W KILLION
Contact Address: 1225 STONE DR
Contact City,State,Zip: SAN MARCOS, CA 92069
Contact Telephone: 760-736-3277 223
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: CA
State District: 4
Mailing Address: 1225 STONE DR
Mailing City,State,Zip: SAN MARCOS, CA 92069
Owner Name: SHOFU DENTAL CORPORATION
Owner Type: Private
Operator Name: SHOFU DENTAL 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

SHOFU DENTAL CORPORATION (Continued) **1000128789**

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:	20031210
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:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D009
Waste Description:	MERCURY

SHOFU DENTAL CORPORATION (Continued) **1000128789**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHOFU DENTAL CORPORATION
Legal Status:	Private
Date Became Current:	20010901
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:	SHOFU DENTAL CORPORATION
Legal Status:	Private
Date Became Current:	20010901
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:	JOYSTICK TECH INC
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
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:	19960901
Handler Name: C H PRODUCTS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SHOFU DENTAL CORPORATION (Continued) **1000128789**

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: 20031022
Handler Name: SHOFU DENTAL CORPORATION
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

List of NAICS Codes and Descriptions:
NAICS Code: 339114
NAICS Description: DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING

NAICS Code: 42145
NAICS Description: MEDICAL, DENTAL, AND HOSPITAL EQUIPMENT AND SUPPLIES WHOLESALERS

NAICS Code: 42345
NAICS Description: MEDICAL, DENTAL, AND HOSPITAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002832212

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.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

SHOFU DENTAL CORPORATION (Continued) **1000128789**

Envid:	1000128789
Registry ID:	110002832212
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002832212
Name:	SHOFU DENTAL CORPORATION
Address:	1225 STONE DR
City,State,Zip:	SAN MARCOS, CA 92069

C9 **ACCU TECH LASER PROCESSING INC** **San Diego Co. HMMD** **S123758243**
NW **1175 LINDA VISTA DRIVE** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MARCOS, CA 92078** **HAZNET**
0.068 mi. **NPDES**
359 ft. **Site 1 of 11 in cluster C** **CIWQS**
CERS
Relative: **HWTS**
Higher

Actual: **534 ft.**

HMMD SAN DIEGO:

Name:	ACCU-TECH LASER PROCESSING, INC
Address:	1175 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	pending
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	7607446692
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	01/27/2022
Facility Owner:	Not reported
Facility Mailing Address:	1175 Linda Vista Dr, San Marcos, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2021-HUPFP-006992
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-006992
Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	6679837
Return To Compliance Date:	Not reported
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-27T00:37:49.000
Inspection Date:	2021-09-27T17:13:07.000
Violation Code:	3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Record ID:	DEH2021-HUPFP-006992
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-006992
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	6679837
Return To Compliance Date:	Not reported
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-27T00:37:49.000
Inspection Date:	2021-09-27T17:13:07.000
Violation Code:	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)

Record ID:	DEH2021-HUPFP-006992
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-006992
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	6679837
Return To Compliance Date:	Not reported
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-27T00:37:49.000
Inspection Date:	2021-09-27T17:13:07.000
Violation Code:	1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Waste and Materials:

Record ID:	DEH2021-HUPFP-006992
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0309927
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-10-23T02:34:19.000
Chemical Name:	Helium
Common Name:	Helium Gas
Case Number:	7440-59-7

Record ID:	DEH2021-HUPFP-006992
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0277919
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-10-23T02:34:19.000
Chemical Name:	Lubricating oils, used
Common Name:	Used lubricating oils

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Case Number: Not reported

Record ID: DEH2021-HUPFP-006992
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0309926
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-23T02:34:19.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2021-HUPFP-006992
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0318379
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-27T00:37:52.000
Chemical Name: Nitrogen
Common Name: Nitrogen Gas
Case Number: 7727-37-9

Record ID: DEH2021-HUPFP-006992
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0318380
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-27T00:37:52.000
Chemical Name: Helium
Common Name: Helium Gas
Case Number: 7440-59-7

Record ID: DEH2021-HUPFP-006992
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0285348
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-01-27T00:37:52.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

CERS HAZ WASTE:
Name: ACCU-TECH LASER PROCESSING, INC
Address: 1175 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 573054
CERS ID: 10866790
CERS Description: Hazardous Waste Generator

HAZNET:

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Name:	ACCU-TECH LASER PROCESSING, INC
Address:	1175 LINDA VISTA DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920690000
Contact:	JAMES BYRUM PRESIDENT
Telephone:	7607446692
Mailing Name:	Not reported
Mailing Address:	1175 LINDA VISTA DR
Year:	1987
Gepaid:	CAD981665631
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.2085

NPDES:

Name:	ACCU TECH LASER PROCESSING INC
Address:	1175 LINDA VISTA DRIVE
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37NEC008219
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:	12/23/2020
Operator Name:	Accu Tech Laser Processing Inc
Operator Address:	1175 Linda Vista Drive
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Name:	ACCU TECH LASER PROCESSING INC
Address:	1175 LINDA VISTA DRIVE
City,State,Zip:	SAN MARCOS, CA 92078
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	529416
Place ID:	Not reported

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Order Number:	97-03-DWQ
WDID:	9 37NEC008219
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/23/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1175 Linda Vista Drive
Discharge Name:	Accu Tech Laser Processing Inc
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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

CIWQS:

Name:	ACCU TECH LASER PROCESSING INC
Address:	1175 LINDA VISTA DRIVE
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	Accu Tech Laser Processing Inc
Agency Address:	1175 Linda Vista Drive, San Marcos , CA 92078
Place/Project Type:	Industrial - Fabricated Metal Products, NEC
SIC/NAICS:	3499
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37NEC008219
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/23/2020
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:	33.13736
Longitude:	-117.19122

CERS:

Name:	ACCU-TECH LASER PROCESSING, INC
Address:	1175 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	573054
CERS ID:	10866790
CERS Description:	Chemical Storage Facilities

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Violations:

Site ID:	573054
Site Name:	Accu-Tech Laser Processing, Inc
Violation Date:	09-27-2021
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Inspection Sequence ID:6679837
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	573054
Site Name:	Accu-Tech Laser Processing, Inc
Violation Date:	09-27-2021
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 a site map with all required content.
Violation Notes:	Inspection Sequence ID:6679837
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	573054
Site Name:	Accu-Tech Laser Processing, Inc
Violation Date:	09-27-2021
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:	Inspection Sequence ID:6679837
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-27-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Valdez Kevin Inspection ID:6679837
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-27-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Valdez Kevin Inspection ID:6679837
Eval Division:	San Diego County Department of Env Health

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Parent Corporation
Entity Name: Accu-Tech Laser Processing, 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: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Michael Gericke
Entity Title: Not reported
Affiliation Address: 1175 Linda Vista Dr
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Michael Gericke
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: (760) 744-6692,

Affiliation Type Desc: Identification Signer
Entity Name: Troy Dowler
Entity Title: Production Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Josefina Koss
Entity Title: Not reported

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1175 Linda Vista Dr
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Michael Gericke
Entity Title: Not reported
Affiliation Address: 1175 Linda Vista Dr
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 744-6692,

Name: ACCU TECH LASER PROCESSING INC
Address: 1175 LINDA VISTA DRIVE
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 578258
CERS ID: 888616
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 578258
Site Name: Accu Tech Laser Processing Inc
Violation Date: 10-02-2021
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Failure to meet NEC criteria
Violation Notes: Discharger failed to recertify the NEC by October 1, 2021
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Enforcement Action:
Site ID: 578258
Site Name: Accu Tech Laser Processing Inc
Site Address: 1175 LINDA VISTA DRIVE
Site City: SAN MARCOS
Site Zip: 92078
Enf Action Date: 10-18-2021
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: Discharger did not recertify NEC by October 1, 2021
Enf Action Division: Water Boards

ACCU TECH LASER PROCESSING INC (Continued) **S123758243**

Enf Action Program: INDSTW
Enf Action Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Accu Tech Laser Processing Inc
Entity Title: Operator
Affiliation Address: 1175 Linda Vista Drive
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

HWTS:
Name: ACCU-TECH LASER PROCESSING, INC
Address: 1175 LINDA VISTA DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAD981665631
Inactive Date: Not reported
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1175 LINDA VISTA DR
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MARCOS, CA 92078
Owner Name: ACCU-TECH LASER PROCESSING INC
Owner Address: 1175 LINDA VISTA DR
Owner Address 2: Not reported
Owner City,State,Zip: SAN MARCOS, CA 92078
Contact Name: PATRICK PEARCE
Contact Address: 1175 LINDA VISTA DR
Contact Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.137928
Longitude: -117.191181

NAICS:
EPA ID: CAD981665631
Create Date: 2002-12-03 15:25:10.000
NAICS Code: 334514
NAICS Description: Totalizing Fluid Meter and Counting Device Manufacturing
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: Not reported
Facility Name: ACCU-TECH LASER PROCESSING, INC
Facility Address: 1175 LINDA VISTA DR
Facility Address 2: Not reported
Facility City: SAN MARCOS
Facility County: Not reported
Facility State: CA
Facility Zip: 920690000

C10 **A SQUARED TECHNOLOGIES** **San Diego Co. HMMD** **S110497059**
NW **1195 LINDA VISTA DR** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MARCOS, CA 92078** **CERS**
0.068 mi.
359 ft. **Site 2 of 11 in cluster C**

Relative:
Higher

Actual:
534 ft.

HMMD SAN DIEGO:

Name:	A SQUARED TECHNOLOGIES
Address:	1195 LINDA VISTA DR C
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000338883
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-591-9608
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	05/05/2021
Facility Owner:	Not reported
Facility Mailing Address:	1195 LINDA VISTA DR #C, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Waste and Materials:

Record ID:	DEH2008-HUPFP-209878
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2014-HWAST-0024474
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-03-17T02:32:36.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	SOLDER DROSS WASTE
Case Number:	Not reported

Record ID:	DEH2008-HUPFP-209878
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159142
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-05-05T01:11:45.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	SOLDER DROSS WASTE
Case Number:	Not reported

Name:	PARABILIS SPACE TECHNOLOGIES
Address:	1195 LINDA VISTA DR F
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	Not reported

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Business Type:	Not reported
EPA Id Number:	Not reported
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	855 727 2245 x704
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	08/21/2021
Facility Owner:	Not reported
Facility Mailing Address:	1195 Linda Vista Dr., STE. F, San Marcos, CA 92078-3820
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	N
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2011-HUPFP-215351
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-215351
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6134847
Return To Compliance Date:	2020-02-21T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-21T01:59:57.000
Inspection Date:	2020-01-21T00:00:00.000
Violation Code:	1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Waste and Materials:

Record ID:	DEH2011-HUPFP-215351
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0293242
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-08-21T01:59:57.000
Chemical Name:	Nitrogen
Common Name:	Nitrogen
Case Number:	7727-37-9

Record ID:	DEH2011-HUPFP-215351
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0243476

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-05-23T02:34:18.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2011-HUPFP-215351
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138138
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-25T02:33:41.000
Chemical Name: ISONATE 143L MODIFIED MDI
Common Name: ISONATE
Case Number: Not reported

Record ID: DEH2011-HUPFP-215351
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0138139
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-25T02:33:41.000
Chemical Name: Nitrogen
Common Name: Nitrogen
Case Number: 7727-37-9

Record ID: DEH2011-HUPFP-215351
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0293241
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-21T01:59:57.000
Chemical Name: ISONATE 143L MODIFIED MDI
Common Name: ISONATE
Case Number: Not reported

Record ID: DEH2011-HUPFP-215351
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0243475
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-23T02:34:18.000
Chemical Name: ISONATE 143L MODIFIED MDI
Common Name: ISONATE
Case Number: Not reported

Record ID: DEH2011-HUPFP-215351
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0210767
Trade Secret: N
Hazardous Material Type: Mixture

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Last Updated:	2019-12-04T00:58:01.000
Chemical Name:	ISONATE 143L MODIFIED MDI
Common Name:	ISONATE
Case Number:	Not reported
Record ID:	DEH2011-HUPFP-215351
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0210768
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-12-04T00:58:01.000
Chemical Name:	Nitrogen
Common Name:	Nitrogen
Case Number:	7727-37-9
Name:	A SQUARED TECHNOLOGIES
Address:	1195 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	209878
Business Type:	6HK18
EPA Id Number:	CAL000338883
APN:	219-200-23-01
Last HMMD Inspection:	04/20/2011
Facility Telephone:	760-591-9608
Permit Status:	OPEN
Permit Expiration:	03/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	AMY PELKUS
Facility Mailing Address:	1195 LINDA VISTA DR #C
Facility Mailing City:	San Marcos
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	209878
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information:	SOLDER DROSS WASTE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	209878
Update Date:	11/02/2012
Inspection Date:	04/20/2011
Violation Code:	6HV1004

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Violation:	HMBP NOT SUBMITTED TO HMD
Violation Citation:	Hazardous Materials Handler has not submitted a completed Business Plan to the HMMD. HSC 25505(a)
Activity:	ACTIVE
Permit Number:	209878
Update Date:	11/02/2012
Inspection Date:	04/20/2011
Violation Code:	6HV0304
Violation:	WASTE DETERMINATION NOT MADE
Violation Citation:	Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity:	ACTIVE
Permit Number:	209878
Update Date:	11/02/2012
Inspection Date:	04/20/2011
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Name:	A SQUARED TECHNOLOGIES
Address:	1195 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	209878
Business Type:	6HK18
EPA Id Number:	CAL000338883
APN:	219-200-23-01
Last HMMD Inspection:	04/20/2011
Facility Telephone:	760-591-9608
Permit Status:	OPEN
Permit Expiration:	03/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	AMY PELKUS
Facility Mailing Address:	1195 LINDA VISTA DR #C
Facility Mailing City:	San Marcos
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	209878
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information:	SOLDER DROSS WASTE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Violations Active Permits:

Permit Number:	209878
Update Date:	11/02/2012
Inspection Date:	04/20/2011
Violation Code:	6HV1004
Violation:	HMBP NOT SUBMITTED TO HMD
Violation Citation:	Hazardous Materials Handler has not submitted a completed Business Plan to the HMMD. HSC 25505(a)
Activity:	ACTIVE

Permit Number:	209878
Update Date:	11/02/2012
Inspection Date:	04/20/2011
Violation Code:	6HV0304
Violation:	WASTE DETERMINATION NOT MADE
Violation Citation:	Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity:	ACTIVE

Permit Number:	209878
Update Date:	11/02/2012
Inspection Date:	04/20/2011
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE

Name:	SUMMER PHOTOGRAPHY
Address:	1195 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	215351
Business Type:	6HK15
EPA Id Number:	Not reported
APN:	219-200-23-01
Last HMMD Inspection:	Not reported
Facility Telephone:	760-471-9100
Permit Status:	OPEN
Permit Expiration:	10/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	LARRY O SUMNER
Facility Mailing Address:	1195 LINDA VISTA DR #F
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	215351
Update Date:	11/02/2012

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: HAULER: COMMODITY RESOSURCE & ENVIRONMENTAL INC
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

CERS HAZ WASTE:
Name: A SQUARED TECHNOLOGIES
Address: 1195 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 2155
CERS ID: 10376320
CERS Description: Hazardous Waste Generator

CERS:
Name: PARABILIS SPACE TECHNOLOGIES
Address: 1195 LINDA VISTA DR STE F
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 383099
CERS ID: 10376560
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 383099
Site Name: Parabilis Space Technologies
Violation Date: 01-21-2020
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 02/21/2020. Inspection Sequence ID:6134847
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: North HN004 Inspection ID:5677885
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Shaker Mirna Inspection ID:6134847
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Eval Source: CERS,

Affiliation:

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1195 Linda Vista Dr., STE. F
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Danny Bernard
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: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Danny Bernard
Entity Title: Not reported
Affiliation Address: 1195 Linda Vista Dr., Suite F
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92117
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Danny Bernard
Entity Title: Lead Test Engineer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Parabilis Space Technologies
Entity Title: Not reported
Affiliation Address: Not reported

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (858) 401-3692,

Affiliation Type Desc: Parent Corporation
Entity Name: PARABILIS SPACE TECHNOLOGIES, 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: ,

Affiliation Type Desc: Property Owner
Entity Name: C Small Investment Co., LLC
Entity Title: Not reported
Affiliation Address: 2439 Cades Way
Affiliation City: Vista
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92081
Affiliation Phone: (760) 840-9100,

Affiliation Type Desc: Legal Owner
Entity Name: Parabilis Space Technologies, Inc.
Entity Title: Not reported
Affiliation Address: 1195 Linda Vista Dr., STE. F
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (855) 727-2245,

Name: A SQUARED TECHNOLOGIES
Address: 1195 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 2155
CERS ID: 10376320
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-01-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5427193
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2014
Violations Found: No
Eval Type: Routine done by local agency

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Eval Notes: Inspector: Beacon Ellen Inspection ID:4095920
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5937714
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-04-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6449397
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: AMY PELKUS
Entity Title: Not reported
Affiliation Address: 1195 LINDA VISTA DR SUITE C
Affiliation City: SAN MACOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1195 LINDA VISTA DR #C
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: AMY PELKUS
Entity Title: PRODUCTION MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported

A SQUARED TECHNOLOGIES (Continued) **S110497059**

Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Legal Owner
Entity Name:	AMY PELKUS
Entity Title:	Not reported
Affiliation Address:	1195 LINDA VISTA DR., #C
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 591-9608,
Affiliation Type Desc:	Operator
Entity Name:	AMY PELKUS
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:	(760) 591-9608,
Affiliation Type Desc:	Document Preparer
Entity Name:	AMY PELKUS
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:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	A SQUARED TECHNOLOGIES
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:	,
Affiliation Type Desc:	Property Owner
Entity Name:	REID COLE
Entity Title:	Not reported
Affiliation Address:	PO BOX 27992
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92198
Affiliation Phone:	(858) 245-6071,

C11 **A SQUARED TECHNOLOGIES INC** **RCRA NonGen / NLR** **1024821928**
NW **1195 LINDA VISTA DR STE C** **CAL000338883**
< 1/8 **SAN MARCOS, CA 92078**
0.068 mi.
359 ft. **Site 3 of 11 in cluster C**

Relative: **Higher**

Actual: **534 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20081212
Handler Name:	A SQUARED TECHNOLOGIES INC
Handler Address:	1195 LINDA VISTA DR STE C
Handler City,State,Zip:	SAN MARCOS, CA 92078-3824
EPA ID:	CAL000338883
Contact Name:	AMY PELKUS
Contact Address:	1195 LINDA VISTA DR STE C
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-591-9608
Contact Fax:	760-591-9647
Contact Email:	ASQUAREDTEC@ATT.NET
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:	1195 LINDA VISTA DR STE C
Mailing City,State,Zip:	SAN MARCOS, CA 92078-3824
Owner Name:	A SQUARED TECHNOLOGIES INC
Owner Type:	Other
Operator Name:	AMY PELKUS
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

A SQUARED TECHNOLOGIES INC (Continued) **1024821928**

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:	20180905
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:	AMY PELKUS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1195 LINDA VISTA DR STE C
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-591-9608
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	A SQUARED TECHNOLOGIES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1195 LINDA VISTA DR STE C
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-3824
Owner/Operator Telephone:	760-591-9608
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

A SQUARED TECHNOLOGIES INC (Continued) **1024821928**

Historic Generators:
Receive Date: 20081212
Handler Name: A SQUARED TECHNOLOGIES INC
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: 334613
NAICS Description: MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C12 **ACCU-TECH LASER PROCESSING INC** **RCRA NonGen / NLR** **1027090655**
NW **1175 LINDA VISTA DR** **CAD981665631**
< 1/8 **SAN MARCOS, CA 92078**
0.068 mi.
359 ft. **Site 4 of 11 in cluster C**

Relative:
Higher

Actual:
534 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20210930
Handler Name: ACCU-TECH LASER PROCESSING INC
Handler Address: 1175 LINDA VISTA DR
Handler City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAD981665631
Contact Name: PATRICK PEARCE
Contact Address: LINDA VISTA DR
Contact City,State,Zip: SAN MARCOS, CA 92078
Contact Telephone: 760-744-6692
Contact Fax: Not reported
Contact Email: PATRICK@ACCUTECHLASER.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: LINDA VISTA DR
Mailing City,State,Zip: SAN MARCOS, CA 92078
Owner Name: Not reported

ACCU-TECH LASER PROCESSING INC (Continued) **1027090655**

Owner Type:	Not reported
Operator Name:	ACCU-TECH LASER PROCESSING INC
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
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:	20211001
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

ACCU-TECH LASER PROCESSING INC (Continued) **1027090655**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ACCU-TECH LASER PROCESSING INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1175 LINDA VISTA DR
Owner/Operator City,State,Zip: SAN MARCOS, CA 92078
Owner/Operator Telephone: 760-744-6692
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20210930
Handler Name: ACCU-TECH LASER PROCESSING INC
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: No
Electronic Manifest Broker: No

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

C13 **PARABILIS SPACE TECHNOLOGIES, INC.** **RCRA NonGen / NLR** **1026825980**
NW **1195 LINDA VISTA DR., STE F** **CAL000426616**
< 1/8 **SAN MARCOS, CA 92078**
0.068 mi.
359 ft. **Site 5 of 11 in cluster C**

Relative: **Higher**
Actual: **534 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20210520
Handler Name: PARABILIS SPACE TECHNOLOGIES, INC.
Handler Address: 1195 LINDA VISTA DR., STE F
Handler City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000426616
Contact Name: NICK C MEGLICH
Contact Address: LINDA VISTA DR., STE F
Contact City,State,Zip: SAN MARCOS, CA 92078

PARABILIS SPACE TECHNOLOGIES, INC. (Continued) **1026825980**

Contact Telephone:	855-727-2245 x714
Contact Fax:	Not reported
Contact Email:	NICK.MEGLICH@PARABILIS-SPACE.COM
Contact Title:	AEROSPACE ENGINEER & SAFETY MANAGER
EPA Region:	09
Land Type:	Private
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:	LINDA VISTA DR., STE F
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	PARABILIS SPACE TECHNOLOGIES, INC.
Owner Type:	Private
Operator Name:	DAVE STREICH
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

PARABILIS SPACE TECHNOLOGIES, INC. (Continued) **1026825980**

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:	20210520
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:	DAVE STREICH
Legal Status:	Private
Date Became Current:	20160212
Date Ended Current:	Not reported
Owner/Operator Address:	1195 LINDA VISTA DR.
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	855-727-2245
Owner/Operator Telephone Ext:	704
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DAVE@PARABILIS-SPACE.COM

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PARABILIS SPACE TECHNOLOGIES, INC.
Legal Status:	Private
Date Became Current:	20160212
Date Ended Current:	Not reported
Owner/Operator Address:	1195 LINDA VISTA DR.
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	855-727-2245
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PARABILIS SPACE TECHNOLOGIES, INC.
Legal Status:	Private
Date Became Current:	20160212
Date Ended Current:	Not reported
Owner/Operator Address:	1195 LINDA VISTA DR.
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	855-727-2245
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

PARABILIS SPACE TECHNOLOGIES, INC. (Continued) **1026825980**

Owner/Operator Name: DAVE STREICH
Legal Status: Private
Date Became Current: 20160212
Date Ended Current: Not reported
Owner/Operator Address: 1195 LINDA VISTA DR.
Owner/Operator City,State,Zip: SAN MARCOS, CA 92078
Owner/Operator Telephone: 855-727-2245
Owner/Operator Telephone Ext: 704
Owner/Operator Fax: Not reported
Owner/Operator Email: DAVE@PARABILIS-SPACE.COM

Historic Generators:
Receive Date: 20210520
Handler Name: PARABILIS SPACE TECHNOLOGIES, INC.
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: No
Electronic Manifest Broker: No

Receive Date: 20210519
Handler Name: PARABILIS SPACE TECHNOLOGIES, INC.
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: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 336415
NAICS Description: GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

NAICS Code: 927110
NAICS Description: SPACE RESEARCH AND TECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C14 **ALPHA GRAPHICS 554** **San Diego Co. HMMD** **S100877556**
NW **1205 LINDA VISTA DR** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MARCOS, CA 92069**
0.068 mi.
361 ft. **Site 6 of 11 in cluster C**

Relative:
Higher

Actual:
532 ft.

HMMD SAN DIEGO:

Name:	ALPHA GRAPHICS 554
Address:	1205 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000365711
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-727-3800
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	10/08/2021
Facility Owner:	Not reported
Facility Mailing Address:	1205 LINDA VISTA DR #A, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Waste and Materials:

Record ID:	DEH2011-HUPFP-215296
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2011-HWAST-617997
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-10-08T02:37:10.000
Chemical Name:	WASTE 171 METAL SLUDGE
Common Name:	FIXER TREATMENT SYSTEMS
Case Number:	Not reported

Name:	VERITEK
Address:	1205 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	131100
Business Type:	6HK36
EPA Id Number:	CAL000036612
APN:	219-490-24-00
Last HMMD Inspection:	10/24/1994
Facility Telephone:	619-744-2313
Permit Status:	INAC
Permit Expiration:	10/24/1994
Date Last Updated:	11/02/2012
Facility Owner:	VERIFIED TECHNICAL CORP.
Facility Mailing Address:	1205 LINDA VISTA DR
Facility Mailing City:	SAN MARCOS

ALPHA GRAPHICS 554 (Continued) **S100877556**

Facility Mailing State:	CA
Facility Mailing Zip:	92069-3825
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	ALPHA GRAPHICS 554
Address:	1205 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	215296
Business Type:	6HK15
EPA Id Number:	Not reported
APN:	219-490-24-00
Last HMMD Inspection:	08/04/2011
Facility Telephone:	760-727-3800
Permit Status:	OPEN
Permit Expiration:	10/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	GARY TREIBER
Facility Mailing Address:	1205 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	215296
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 171 METAL SLUDGE
Other Information:	FIXER TREATMENT SYSTEMS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Name:	ALPHA GRAPHICS 554
Address:	1205 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	215296
Business Type:	6HK15
EPA Id Number:	Not reported
APN:	219-490-24-00
Last HMMD Inspection:	08/04/2011
Facility Telephone:	760-727-3800
Permit Status:	OPEN
Permit Expiration:	10/31/2013
Date Last Updated:	11/02/2012

ALPHA GRAPHICS 554 (Continued) **S100877556**

Facility Owner:	GARY TREIBER
Facility Mailing Address:	1205 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	215296
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 171 METAL SLUDGE
Other Information:	FIXER TREATMENT SYSTEMS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

CERS HAZ WASTE:

Name:	ALPHA GRAPHICS 554
Address:	1205 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	4644
CERS ID:	10376554
CERS Description:	Hazardous Waste Generator

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1205 LINDA VISTA DR #A
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Sienna Print & Design Inc.
Entity Title:	Not reported
Affiliation Address:	1205 Linda Vista Dr, Suite A
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 727-3800,

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego

ALPHA GRAPHICS 554 (Continued) **S100877556**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Document Preparer
Entity Name:	Gary Treiber
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:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	GARY TREIBER
Entity Title:	Not reported
Affiliation Address:	1205 Linda Vista Dr, Suite A
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	STENDERUP JAMES K TRUST 11-29-0
Entity Title:	Not reported
Affiliation Address:	P O BOX 269
Affiliation City:	DEL MAR
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92014
Affiliation Phone:	(858) 759-4637,
Affiliation Type Desc:	Identification Signer
Entity Name:	GARY TREIBER
Entity Title:	CEO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	GARY TREIBER
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:	(760) 727-3800,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ALPHA GRAPHICS 554

ALPHA GRAPHICS 554 (Continued) **S100877556**

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:	,

C15 **SIENNA PRINT & DESIGN INC DBA ALPHAGRAPHICS 554** **RCRA NonGen / NLR** **1024830566**
NW **1205 LINDA VISTA DR STE A** **CAL000365711**
< 1/8 **SAN MARCOS, CA 92078**
0.068 mi.
361 ft. **Site 7 of 11 in cluster C**

Relative: **Higher**

Actual: **532 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20110718
Handler Name:	SIENNA PRINT & DESIGN INC DBA ALPHAGRAPHICS 554
Handler Address:	1205 LINDA VISTA DR STE A
Handler City,State,Zip:	SAN MARCOS, CA 92078-3825
EPA ID:	CAL000365711
Contact Name:	GARY TREIBER
Contact Address:	1205 LINDA VISTA DR
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-727-3800
Contact Fax:	Not reported
Contact Email:	GTREIBER@ALPHAGRAPHICS.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:	1205 LINDA VISTA DR STE A
Mailing City,State,Zip:	SAN MARCOS, CA 92078-3825
Owner Name:	SIENNA PRINT & DESIGN INC
Owner Type:	Other
Operator Name:	GARY TREIBER
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

SIENNA PRINT & DESIGN INC DBA ALPHAGRAPHICS 554 (Continued) **1024830566**

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:	20180906
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:	GARY TREIBER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1205 LINDA VISTA DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-727-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SIENNA PRINT & DESIGN INC

SIENNA PRINT & DESIGN INC DBA ALPHAGRAPHICS 554 (Continued) **1024830566**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1205 LINDA VISTA DR STE A
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-3825
Owner/Operator Telephone:	760-727-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20110718
Handler Name:	SIENNA PRINT & DESIGN INC DBA ALPHAGRAPHICS 554
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:	323119
NAICS Description:	OTHER COMMERCIAL PRINTING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

C16 **MCCAIN TRAFFIC SUPPLY** **RCRA-SQG** **1000146754**
NW **1205 LINDA VISTA RD** **FINDS** **CAD982031379**
< 1/8 **SAN MARCOS, CA 92069** **ECHO**
0.068 mi.
361 ft. **Site 8 of 11 in cluster C**

Relative:
Higher

Actual:
532 ft.

RCRA-SQG:

Date Form Received by Agency:	19870824
Handler Name:	MCCAIN TRAFFIC SUPPLY
Handler Address:	1205 LINDA VISTA RD
Handler City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAD982031379
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	1205 LINDA VISTA RD
Contact City,State,Zip:	SAN MARCOS, CA 92069
Contact Telephone:	619-741-7859
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

MCCAIN TRAFFIC SUPPLY (Continued) **1000146754**

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:	4
Mailing Address:	LINDA VISTA RD
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	MCCAIN TRAFFIC SUPPLY
Owner Type:	Private
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
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

MCCAIN TRAFFIC SUPPLY (Continued) **1000146754**

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:	20000915
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:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MCCAIN TRAFFIC SUPPLY
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
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:	19870824
Handler Name: MCCAIN TRAFFIC SUPPLY	
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

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

MCCAIN TRAFFIC SUPPLY (Continued) **1000146754**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002783042

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:	1000146754
Registry ID:	110002783042
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002783042
Name:	MCCAIN TRAFFIC SUPPLY
Address:	1205 LINDA VISTA RD
City,State,Zip:	SAN MARCOS, CA 92069

C17 **METAL ETCH SERVICES INC** **San Diego Co. HMMD** **S104745261**
NNW **1165 LINDA VISTA DR 106,107,10** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MARCOS, CA 92078** **CERS**
0.073 mi.
383 ft. **Site 9 of 11 in cluster C**

Relative: Higher
Actual: 534 ft.

HMMD SAN DIEGO:

Name:	METAL ETCH SERVICES INC
Address:	1165 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	204862
Business Type:	6HK35
EPA Id Number:	CAL000304576
APN:	219-200-23-22
Last HMMD Inspection:	04/28/2010
Facility Telephone:	760-471-8458
Permit Status:	OPEN
Permit Expiration:	08/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	ELIAS MALFAVON
Facility Mailing Address:	1165 LINDA VISTA DR #107
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y

METAL ETCH SERVICES INC (Continued) **S104745261**

Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 204862
Update Date: 11/02/2012
Case Number: Not reported
Name: FERRIC CHLORIDE
Other Information: FERRIC CHLORIDE
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 204862
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS (LIQUID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CRYOGENIC

Permit Number: 204862
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Other Information: ACIDIC WASTE WITH METALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 204862
Update Date: 11/02/2012
Inspection Date: 04/28/2010
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 204862
Update Date: 11/02/2012
Inspection Date: 08/22/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Name: UNI CARE HOME HEALTH INC
Address: 1165 LINDA VISTA DR

METAL ETCH SERVICES INC (Continued) **S104745261**

City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	215806
Business Type:	6HK10
EPA Id Number:	Not reported
APN:	219-200-23-22
Last HMMD Inspection:	12/05/2011
Facility Telephone:	760-510-0055
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	ALBERT KESHAVARZI
Facility Mailing Address:	1165 LINDA VISTA DR #101
Facility Mailing City:	San Marcos
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Y

Inventory Active Permits (SQG Medical):

Permit Number:	215806
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	215806
Update Date:	11/02/2012
Inspection Date:	12/05/2011
Violation Code:	6HV4201
Violation:	NO UPF PERMIT FOR MEDICAL WASTE
Violation Citation:	A Unified Program Facility Permit has not been obtained for the generation of medical waste. 117705, 68.905
Activity:	ACTIVE

Permit Number:	215806
Update Date:	11/02/2012
Inspection Date:	12/05/2011
Violation Code:	6HV4309
Violation:	SQG:MWMP OR EQUIV NOT ONSITE
Violation Citation:	Medical Waste Management Plan or equivalent information not onsite for review (SQG). 117945
Activity:	ACTIVE

Name:	METAL ETCH SERVICES INC
Address:	1165 LINDA VISTA DR 106,107,10
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported

METAL ETCH SERVICES INC (Continued) **S104745261**

Business Type:	Not reported
EPA Id Number:	CAR000323782
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-510-9476
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	08/31/2021
Facility Owner:	Not reported
Facility Mailing Address:	1165 LINDA VISTA DR #107, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-204862
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6719681
Return To Compliance Date:	2021-05-13T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-31T00:34:19.000
Inspection Date:	2021-04-30T00:00:00.000
Violation Code:	3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-204862
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4622106
Return To Compliance Date:	2014-04-23T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-31T00:34:19.000
Inspection Date:	2014-04-17T14:43:00.000
Violation Code:	1020001 Failure to include an adequate training program in the business plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled; 19 CCR 4 2732(a); HSC 6.95 25504(c).

METAL ETCH SERVICES INC (Continued) **S104745261**

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-204862
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5923202
Return To Compliance Date:	2018-05-26T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-31T00:34:19.000
Inspection Date:	2018-04-27T16:47:00.000
Violation Code:	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)

Waste and Materials:

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0250559
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-07-30T02:36:59.000
Chemical Name:	OXYGEN GAS (LIQUID)
Common Name:	OXYGEN GAS (LIQUID)
Case Number:	7782-44-7

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0250560
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-07-30T02:36:59.000
Chemical Name:	FERRIC CHLORIDE
Common Name:	FERRIC CHLORIDE
Case Number:	10025-77-1

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0221673
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-07-30T02:36:59.000
Chemical Name:	WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Common Name:	ACIDIC WASTE WITH METALS
Case Number:	Not reported

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0250978
Trade Secret:	N
Hazardous Material Type:	Not reported

METAL ETCH SERVICES INC (Continued) **S104745261**

Last Updated: 2021-08-31T00:34:24.000
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Common Name: ACIDIC WASTE WITH METALS
Case Number: Not reported

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185285
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-04T02:01:21.000
Chemical Name: OXYGEN GAS (LIQUID)
Common Name: OXYGEN GAS (LIQUID)
Case Number: 7782-44-7

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185286
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-04T02:01:21.000
Chemical Name: FERRIC CHLORIDE
Common Name: FERRIC CHLORIDE
Case Number: 10025-77-1

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0185287
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-04T02:01:21.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159846
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-04T02:01:22.000
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Common Name: ACIDIC WASTE WITH METALS
Case Number: Not reported

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159847
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-04T02:01:22.000
Chemical Name: Silver

METAL ETCH SERVICES INC (Continued) **S104745261**

Common Name: Silver
Case Number: Not reported

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102754
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-14T00:51:23.000
Chemical Name: OXYGEN GAS (LIQUID)
Common Name: OXYGEN GAS (LIQUID)
Case Number: 7782-44-7

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0102755
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-14T00:51:23.000
Chemical Name: FERRIC CHLORIDE
Common Name: FERRIC CHLORIDE
Case Number: 10025-77-1

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0084810
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-14T00:51:23.000
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Common Name: ACIDIC WASTE WITH METALS
Case Number: Not reported

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0158320
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-03T00:45:04.000
Chemical Name: OXYGEN GAS (LIQUID)
Common Name: OXYGEN GAS (LIQUID)
Case Number: 7782-44-7

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0158321
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-03T00:45:04.000
Chemical Name: FERRIC CHLORIDE
Common Name: FERRIC CHLORIDE
Case Number: 10025-77-1

METAL ETCH SERVICES INC (Continued) **S104745261**

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0158322
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-10-03T00:45:04.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0133973
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-03T00:45:04.000
Chemical Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Common Name: ACIDIC WASTE WITH METALS
Case Number: Not reported

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0133974
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-03T00:45:04.000
Chemical Name: Silver
Common Name: Silver
Case Number: Not reported

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250561
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-07-30T02:36:59.000
Chemical Name: Methylene Chloride
Common Name: Methylene Chloride
Case Number: 75-09-2

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282410
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-31T00:34:23.000
Chemical Name: OXYGEN GAS (LIQUID)
Common Name: OXYGEN GAS (LIQUID)
Case Number: 7782-44-7

Record ID: DEH2005-HUPFP-204862
Permit Status: Permit Renewed

METAL ETCH SERVICES INC (Continued) **S104745261**

Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0282411
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-08-31T00:34:23.000
Chemical Name:	FERRIC CHLORIDE
Common Name:	FERRIC CHLORIDE
Case Number:	10025-77-1

Record ID:	DEH2005-HUPFP-204862
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0282412
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-08-31T00:34:23.000
Chemical Name:	Methylene Chloride
Common Name:	Methylene Chloride
Case Number:	75-09-2

Name:	METAL ETCH SERVICES INC
Address:	1165 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	204862
Business Type:	6HK35
EPA Id Number:	CAL000304576
APN:	219-200-23-22
Last HMMD Inspection:	04/28/2010
Facility Telephone:	760-471-8458
Permit Status:	OPEN
Permit Expiration:	08/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	ELIAS MALFAVON
Facility Mailing Address:	1165 LINDA VISTA DR #107
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	204862
Update Date:	11/02/2012
Case Number:	Not reported
Name:	FERRIC CHLORIDE
Other Information:	FERRIC CHLORIDE
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	204862
Update Date:	11/02/2012

METAL ETCH SERVICES INC (Continued) **S104745261**

Case Number: 7782-44-7
Name: OXYGEN GAS (LIQUID)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CRYOGENIC

Permit Number: 204862
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Other Information: ACIDIC WASTE WITH METALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 204862
Update Date: 11/02/2012
Inspection Date: 04/28/2010
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 204862
Update Date: 11/02/2012
Inspection Date: 08/22/2008
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

CERS HAZ WASTE:
Name: METAL ETCH SERVICES INC
Address: 1165 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 134394
CERS ID: 10376158
CERS Description: Hazardous Waste Generator

CERS:
Name: METAL ETCH SERVICES INC
Address: 1165 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 134394
CERS ID: 10376158
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 134394
Site Name: METAL ETCH SERVICES INC

METAL ETCH SERVICES INC (Continued) **S104745261**

Violation Date: 04-27-2018
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 site map with all required content.
Violation Notes: Returned to compliance on 05/26/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 134394
Site Name: METAL ETCH SERVICES INC
Violation Date: 04-30-2021
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 05/13/2021. Inspection Sequence ID:6719681
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 134394
Site Name: METAL ETCH SERVICES INC
Violation Date: 04-17-2014
Citation: HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)
Violation Description: Failure to include an adequate training program in the business plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled.
Violation Notes: Returned to compliance on 04/23/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-17-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: North HN004 Inspection ID:4622106
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5923202
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-30-2021

METAL ETCH SERVICES INC (Continued) **S104745261**

Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Valdez Kevin Inspection ID:6719681
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: North HN004 Inspection ID:4622106
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5419930
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5419930
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-15-2020
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Valdez Kevin Inspection ID:6429570
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-27-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Kieu Bridget Inspection ID:5923202
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,

Coordinates:

Site ID:	134394
Facility Name:	METAL ETCH SERVICES INC
Env Int Type Code:	HWG
Program ID:	10376158

METAL ETCH SERVICES INC (Continued) **S104745261**

Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.137350
Longitude:	-117.190820

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	METAL ETCH 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:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	METAL ETCH SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	1165 LINDA VISTA DR# 106
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 510-9476,

Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIAS MALFAVON JR
Entity Title:	Not reported
Affiliation Address:	1165 Linda Vista Dr. # 106
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	ELIAS MALFAVON
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:	(760) 521-7388,

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,

Affiliation Type Desc:	Document Preparer

METAL ETCH SERVICES INC (Continued) **S104745261**

Entity Name:	Elias Malfavon
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1165 LINDA VISTA DR #106
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Malfavon Elias
Entity Title:	PRESIDENT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

C18 **METAL ETCH SERVICES, INC.** **RCRA-SQG** **1026829987**
NNW **1165 LINDA VISTA DRIVE #107** **CAR000323782**
< 1/8 **SAN MARCOS, CA 92078**
0.073 mi.
383 ft. **Site 10 of 11 in cluster C**

Relative: **Higher**

Actual: **534 ft.**

RCRA-SQG:

Date Form Received by Agency:	20210512
Handler Name:	METAL ETCH SERVICES, INC.
Handler Address:	1165 LINDA VISTA DRIVE #107
Handler City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAR000323782
Contact Name:	ELIAS MALFAVON
Contact Address:	LINDA VISTA DRIVE #106
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-510-9476 x203
Contact Fax:	Not reported
Contact Email:	ELIASJR@METALETCHSERVICES.COM
Contact Title:	PRESIDENT
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

METAL ETCH SERVICES, INC. (Continued) **1026829987**

Mailing Address:	LINDA VISTA DRIVE #106
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	METAL ETCH SERVICES, INC.
Owner Type:	State
Operator Name:	METAL ETCH SERVICES, INC.
Operator Type:	State
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:	20210513
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

METAL ETCH SERVICES, INC. (Continued) **1026829987**

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: D002
Waste Description: CORROSIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: METAL ETCH SERVICES, INC.
Legal Status: State
Date Became Current: 20040213
Date Ended Current: Not reported
Owner/Operator Address: 1165 LINDA VISTA DR. #107
Owner/Operator City,State,Zip: SAN MARCOS, CA 92078
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: METAL ETCH SERVICES, INC.
Legal Status: State
Date Became Current: 20040213
Date Ended Current: Not reported
Owner/Operator Address: 1165 LINDA VISTA DR. #107
Owner/Operator City,State,Zip: SAN MARCOS, CA 92078
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: 20210512
Handler Name: METAL ETCH SERVICES, 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: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 332999
NAICS Description: ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

METAL ETCH SERVICES, INC. (Continued) **1026829987**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C19 NNW < 1/8 0.073 mi. 383 ft. **METAL ETCH SERVICES INC** **RCRA NonGen / NLR** **1024813529**
1165 LINDA VISTA DR STE 106 **CAL000304576**
SAN MARKOS, CA 92078

Site 11 of 11 in cluster C

Relative: Higher
Actual: 534 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20060320
Handler Name:	METAL ETCH SERVICES INC
Handler Address:	1165 LINDA VISTA DR STE 106
Handler City,State,Zip:	SAN MARCOS, CA 92078-3821
EPA ID:	CAL000304576
Contact Name:	ELIAS MALFAVON JR
Contact Address:	1165 LINDA VISTA DR STE 106
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-510-9476
Contact Fax:	760-510-8349
Contact Email:	REBECCA@METALETCHSERVICES.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:	1165 LINDA VISTA DR STE 106
Mailing City,State,Zip:	SAN MARCOS, CA 92078-3821
Owner Name:	METAL ETCH SERVICES INC
Owner Type:	Other
Operator Name:	ELIAS MALFAVON JR
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

METAL ETCH SERVICES INC (Continued) **1024813529**

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:	20180905
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:	METAL ETCH SERVICES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1165 LINDA VISTA DR STE 106
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-3821
Owner/Operator Telephone:	760-510-9476
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELIAS MALFAVON JR
Legal Status:	Other

METAL ETCH SERVICES INC (Continued) **1024813529**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1165 LINDA VISTA DR STE 106
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-510-9476
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060320
Handler Name:	METAL ETCH SERVICES INC
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

D20 **ALEX PAUL ENTERPRISES INC** **San Diego Co. HMMD** **S104753179**
West **1245 STONE DR STE B** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MARCOS, CA 92078** **CERS**
0.087 mi.
459 ft. **Site 1 of 4 in cluster D**

Relative: **Lower**

Actual: **523 ft.**

HMMD SAN DIEGO:

Name:	ALEX PAUL ENTERPRISES INC
Address:	1245 STONE DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	203655
Business Type:	6HK18
EPA Id Number:	Not reported
APN:	219-490-16-00
Last HMMD Inspection:	05/18/2011
Facility Telephone:	760-471-1024
Permit Status:	EXPR
Permit Expiration:	10/31/2011
Date Last Updated:	11/02/2012
Facility Owner:	ALEX PAUL ENTERPRISES, INC
Facility Mailing Address:	1245 STONE DR #B
Facility Mailing City:	SAN MARCOS

ALEX PAUL ENTERPRISES INC (Continued) **S104753179**

Facility Mailing State: CA
Facility Mailing Zip: 92078-4059
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 203655
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 461 PAINT SLUDGE
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Name: CAL STATE UNIV SAN MARCOS
Address: 1245 STONE DR
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 132392
Business Type: 6HK56
EPA Id Number: CAL912493067
APN: 219-490-16-00
Last HMMD Inspection: 05/20/1992
Facility Telephone: 858-752-4510
Permit Status: INAC
Permit Expiration: 05/20/1992
Date Last Updated: 11/02/2012
Facility Owner: STATE OF CALIFORNIA
Facility Mailing Address: 820 LOS VALLECITOS
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92096-
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

CERS HAZ WASTE:
Name: ALEX PAUL ENTERPRISES INC
Address: 1245 STONE DR STE B
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 4141
CERS ID: 10376101
CERS Description: Hazardous Waste Generator

CERS:
Name: ALEX PAUL ENTERPRISES INC
Address: 1245 STONE DR STE B

ALEX PAUL ENTERPRISES INC (Continued) **S104753179**

City,State,Zip: SAN MARCOS, CA 92078
Site ID: 4141
CERS ID: 10376101
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 4141
Site Name: ALEX PAUL ENTERPRISES INC
Violation Date: 05-20-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Inspection Sequence ID:6444769;Violation:HMD0150 Failed to submit complete and accurate Facility Information in CERS. 27 CCR 15188(b-c); SDCC 68.904(b)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 4141
Site Name: ALEX PAUL ENTERPRISES INC
Violation Date: 05-20-2021
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: Inspection Sequence ID:6444769
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 4141
Site Name: ALEX PAUL ENTERPRISES INC
Violation Date: 05-20-2021
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Inspection Sequence ID:6444769
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 4141
Site Name: ALEX PAUL ENTERPRISES INC
Violation Date: 05-20-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Inspection Sequence ID:6444769;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1

ALEX PAUL ENTERPRISES INC (Continued) **S104753179**

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 4141
Site Name: ALEX PAUL ENTERPRISES INC
Violation Date: 01-21-2015
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/28/2016. Inspection Sequence ID:4096301;Violation:HMD0131 No Unified Program Facility (UPF) permit not obtained for the generation of hazardous waste. SDCC 68.905.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 4141
Site Name: ALEX PAUL ENTERPRISES INC
Violation Date: 05-18-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 05/20/2021. Inspection Sequence ID:5972452;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5700609
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4096301
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5972452
Eval Division: San Diego County Department of Env Health

ALEX PAUL ENTERPRISES INC (Continued) **S104753179**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6444769
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: ALEX PAUL
Entity Title: Not reported
Affiliation Address: 1245 Stone Dr Ste B
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: ALEX PAUL
Entity Title: PRESIDENT/OWNER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: ALEX PAUL ENTERPRISES, 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: (760) 471-1024,

Affiliation Type Desc: Parent Corporation
Entity Name: ALEX PAUL ENTERPRISES 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: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261

ALEX PAUL ENTERPRISES INC (Continued) **S104753179**

Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Document Preparer
Entity Name:	ALEX PAUL
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1245 Stone Dr Ste B
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	ALEX PAUL
Entity Title:	Not reported
Affiliation Address:	1245 Stone Dr Ste B
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 471-1024,

E21 **PARABILIS SPACE TECHNOLOGIES INC** **RCRA-VSQG** **1018274058**
North **1145 LINDA VISTA DR STE 111** **FINDS** **CAR000263012**
< 1/8 **SAN MARCOS, CA 92078** **ECHO**
0.089 mi.
471 ft. **Site 1 of 2 in cluster E**

Relative: RCRA-VSQG:
Higher

Date Form Received by Agency:	20160503
Handler Name:	PARABILIS SPACE TECHNOLOGIES INC
Handler Address:	1145 LINDA VISTA DR STE 111
Handler City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAR000263012
Contact Name:	ROBERT THICKSTEN
Contact Address:	LINDA VISTA DR STE 111
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-519-2101
Contact Fax:	Not reported
Contact Email:	BOB.THICKSTEN@PARABILIS-SPACE.COM
Contact Title:	FACILITIES MANAGER
EPA Region:	09
Land Type:	Private

Actual:
534 ft.

PARABILIS SPACE TECHNOLOGIES INC (Continued) **1018274058**

Federal Waste Generator Description:	Conditionally Exempt 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:	LINDA VISTA DR STE 111
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	PARABILIS SPACE TECHNOLOGIES INC
Owner Type:	Private
Operator Name:	DAVID STEICH
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

PARABILIS SPACE TECHNOLOGIES INC (Continued) **1018274058**

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:	20160525
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:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID STEICH
Legal Status:	Private
Date Became Current:	20141119
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:	PARABILIS SPACE TECHNOLOGIES INC
Legal Status:	Private
Date Became Current:	20141119
Date Ended Current:	Not reported
Owner/Operator Address:	1145 LINDA VISTA DR STE 111
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-519-2101
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160503
Handler Name:	PARABILIS SPACE TECHNOLOGIES INC
Federal Waste Generator Description:	Conditionally Exempt 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

PARABILIS SPACE TECHNOLOGIES INC (Continued) **1018274058**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 336415
NAICS Description: GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING

NAICS Code: 927110
NAICS Description: SPACE RESEARCH AND TECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069286445

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: 1018274058
Registry ID: 110069286445
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110069286445
Name: PARABILIS SPACE TECHNOLOGIES INC
Address: 1145 LINDA VISTA DR STE 111
City,State,Zip: SAN MARCOS, CA 92078

F22 **A1 DRY CLEANERS & LAUNDRY SVC** **EDR Hist Cleaner** **1019919633**
ESE **997 W SAN MARCOS BLVD** **N/A**
< 1/8 **SAN MARCOS, CA 92069**
0.091 mi.
483 ft. **Site 1 of 2 in cluster F**

Relative: EDR Hist Cleaner
Higher

Actual: **532 ft.**

Year:	Name:	Type:
1992	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
1993	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
1994	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
1995	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
1996	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
1997	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs

A1 DRY CLEANERS & LAUNDRY SVC (Continued) **1019919633**

2007	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
2008	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
2009	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
2010	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
2011	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs
2012	A1 DRY CLEANERS & LAUNDRY SVC	Drycleaning Plants, Except Rugs

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F23 **DISCOVERY VALLEY ANIMAL HOSPITAL** **RCRA NonGen / NLR** **1027219007**
ESE **997 W SAN MARCOS BLVD STE 102A** **CAL000470897**
< 1/8 **SAN MARCOS, CA 92078**
0.091 mi.
483 ft. **Site 2 of 2 in cluster F**

Relative: **Higher**

Actual: **532 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20220524
Handler Name:	DISCOVERY VALLEY ANIMAL HOSPITAL
Handler Address:	997 W SAN MARCOS BLVD STE 102A
Handler City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAL000470897
Contact Name:	LEE A YOUNG
Contact Address:	997 W SAN MARCOS BLVD STE 102A
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-744-0032
Contact Fax:	760-744-0267
Contact Email:	DISCOVERYVALLEY39@GMAIL.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:	997 W SAN MARCOS BLVD STE 102A
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	DISCOVERY VALLEY VET ASSOC. INC
Owner Type:	Other
Operator Name:	LEE A YOUNG
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:	---

DISCOVERY VALLEY ANIMAL HOSPITAL (Continued) **1027219007**

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:	20220602
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:	DISCOVERY VALLEY VET ASSOC. INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	997 W SAN MARCOS BLVD STE 102A
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-0032
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEE A YOUNG
Legal Status:	Other
Date Became Current:	Not reported

DISCOVERY VALLEY ANIMAL HOSPITAL (Continued) **1027219007**

Date Ended Current:	Not reported
Owner/Operator Address:	997 W SAN MARCOS BLVD STE 102A
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-0032
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220524
Handler Name:	DISCOVERY VALLEY ANIMAL HOSPITAL
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:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	541940
NAICS Description:	VETERINARY SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

24
NNE
< 1/8
0.098 mi.
516 ft.

CREATIVE ELECTRON INC **RCRA-SQG** **1012175934**
310 VIA VERA CRUZ **CAR000197475**
SAN MARCOS, CA 92078

Relative:
Higher

Actual:
537 ft.

RCRA-SQG:

Date Form Received by Agency:		20081218
Handler Name:	CREATIVE ELECTRON INC	
Handler Address:		310 VIA VERA CRUZ
Handler City,State,Zip:		SAN MARCOS, CA 92078
EPA ID:		CAR000197475
Contact Name:		GUILHERME CARDOSO
Contact Address:		310 VIA VERA CRUZ
Contact City,State,Zip:		SAN MARCOS, CA 92078
Contact Telephone:		760-752-1192
Contact Fax:		Not reported
Contact Email:		BCARDOSO@CREATIVEELECTRON.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported

CREATIVE ELECTRON INC (Continued) **1012175934**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	310 VIA VERA CRUZ
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	GUILHERME CARDOSO
Owner Type:	Private
Operator Name:	GUILHERME CARDOSO
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

CREATIVE ELECTRON INC (Continued) **1012175934**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081223
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:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
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:	Operator
Owner/Operator Name:	GUILHERME CARDOSO
Legal Status:	Private
Date Became Current:	20081111

CREATIVE ELECTRON INC (Continued) **1012175934**

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:	GUILHERME CARDOSO
Legal Status:	Private
Date Became Current:	20081111
Date Ended Current:	Not reported
Owner/Operator Address:	310 VIA VERA CRUZ
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
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:	20081218
Handler Name: CREATIVE ELECTRON 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:	334413
NAICS Description:	SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D25 **Z M C CORP** **RCRA-SQG** **1001404396**
West **1255 STONE DR** **San Diego Co. HMMD** **CAR000047662**
< 1/8 **SAN MARCOS, CA 92078** **FINDS**
0.106 mi. **ECHO**
559 ft. **Site 2 of 4 in cluster D** **HAZNET**
HWTS

Relative:
Lower

Actual:
524 ft.

RCRA-SQG:

Date Form Received by Agency:	19990114
Handler Name:	Z M C CORP
Handler Address:	1255 STONE DR

Z M C CORP (Continued) **1001404396**

Handler City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAR000047662
Contact Name:	BOB TAYLOR
Contact Address:	1255 STONE DR
Contact City,State,Zip:	SAN MARCOS, CA 92069
Contact Telephone:	760-471-0440
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:	1255 STONE DR
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	ABDUZ ZAHID
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
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

Z M C CORP (Continued) **1001404396**

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:	20021007
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:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ABDUZ ZAHID
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2240 GASPAR AVE
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90040
Owner/Operator Telephone:	323-721-5598
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990114
Handler Name: Z M C CORP	
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

Z M C CORP (Continued) **1001404396**

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

HMMD SAN DIEGO:

Name:	ZMC CORP
Address:	1255 STONE DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	139222
Business Type:	6HK35
EPA Id Number:	CAR000047662
APN:	219-490-15-00
Last HMMD Inspection:	11/08/2011
Facility Telephone:	760-471-0440
Permit Status:	OPEN
Permit Expiration:	01/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	ZEKE ZAHID C/O ZMC CORP
Facility Mailing Address:	1255 STONE DR
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	139222
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 213 HYDROCARBON SOLVENTS
Other Information:	PARTS CLEANER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	139222
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information:	PARTS CLEANER (AQUEOUS)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Z M C CORP (Continued) **1001404396**

Permit Number: 139222
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: WASTE/MIXED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 139222
Update Date: 11/02/2012
Inspection Date: 07/21/2004
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

Permit Number: 139222
Update Date: 11/02/2012
Inspection Date: 07/21/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 139222
Update Date: 11/02/2012
Inspection Date: 11/08/2011
Violation Code: 6HV1013
Violation: HMBP NOT AVAILABLE FOR REVIEW
Violation Citation: Copy of HMBP not onsite for inspector’s review. 25505(e)
Activity: ACTIVE

Permit Number: 139222
Update Date: 11/02/2012
Inspection Date: 11/08/2011
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

Permit Number: 139222
Update Date: 11/02/2012
Inspection Date: 11/08/2011
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity: ACTIVE

Permit Number: 139222

Z M C CORP (Continued) **1001404396**

Update Date:	11/02/2012
Inspection Date:	11/08/2011
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	139222
Update Date:	11/02/2012
Inspection Date:	01/17/2006
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	139222
Update Date:	11/02/2012
Inspection Date:	01/17/2006
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	139222
Update Date:	11/02/2012
Inspection Date:	01/14/2003
Violation Code:	6HV0301
Violation:	HAZWASTE:UNAUTHORIZED DISPOSAL
Violation Citation:	Disposal or causing the disposal of hazardous waste to an unauthorized point (ground, storm drain, sewer system, trash, or air). HSC 25189.5(a) or 25189(d)
Activity:	ACTIVE
Permit Number:	139222
Update Date:	11/02/2012
Inspection Date:	01/14/2003
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE

FINDS:
Registry ID: 110002925862

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

Z M C CORP (Continued) **1001404396**

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:	1001404396
Registry ID:	110002925862
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002925862
Name:	Z M C CORP
Address:	1255 STONE DR
City,State,Zip:	SAN MARCOS, CA 92078

HAZNET:

Name:	Z M C CORP
Address:	1255 STONE DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920784059
Contact:	TIM PRITCHARD/DIR OF OPTNS
Telephone:	3237215598
Mailing Name:	Not reported
Mailing Address:	6431 FLOTILLA ST
Year:	2012
Gepaid:	CAR000047662
TSD EPA ID:	CAD044429835
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:	0.01
Year:	2012
Gepaid:	CAR000047662
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:	0.225
Year:	2012
Gepaid:	CAR000047662
TSD EPA ID:	CAD097030993
CA Waste Code:	123 - Unspecified alkaline solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01251
Year:	2012
Gepaid:	CAR000047662
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge

Z M C CORP (Continued) **1001404396**

Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	1.0425
Year:	2012
Gepaid:	CAR000047662
TSD EPA ID:	CAT080013352
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.882
Year:	2012
Gepaid:	CAR000047662
TSD EPA ID:	CAT080013352
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.04
Year:	2011
Gepaid:	CAR000047662
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:	0.21
Year:	2010
Gepaid:	CAR000047662
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:	0.693
Year:	2010
Gepaid:	CAR000047662
TSD EPA ID:	CAT080013352
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.462
Year:	2009
Gepaid:	CAR000047662
TSD EPA ID:	CAT080013352
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.84

Click this hyperlink while viewing on your computer to access
19 additional CA HAZNET: record(s) in the EDR Site Report.

Z M C CORP (Continued) **1001404396**

Additional Info:

Year:	2000
Gen EPA ID:	CAR000047662
Shipment Date:	20000413
Creation Date:	6/13/2000 0:00:00
Receipt Date:	20000419
Manifest ID:	99848956
Trans EPA ID:	ILD984908202
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:	0.378
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:	2008
Gen EPA ID:	CAR000047662
Shipment Date:	20081223
Creation Date:	4/28/2009 18:30:08
Receipt Date:	20090105
Manifest ID:	000893473SKS
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:	0.252
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

Z M C CORP (Continued) **1001404396**

Shipment Date:	20080911
Creation Date:	1/28/2009 18:30:18
Receipt Date:	20080918
Manifest ID:	001286129SKS
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:	0.252
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:	20080530
Creation Date:	10/30/2008 18:30:46
Receipt Date:	20080606
Manifest ID:	001150054SKS
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:	0.252
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:	20080207
Creation Date:	8/4/2008 18:30:16
Receipt Date:	20080213
Manifest ID:	000987412SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

Z M C CORP (Continued) **1001404396**

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:	0.252
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

Additional Info:

Year:	1999
Gen EPA ID:	CAR000047662
Shipment Date:	19991222
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991230
Manifest ID:	99536509
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:	0.3864
Waste Quantity:	92
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:	10/28/1999 0:00:00
Receipt Date:	19990907
Manifest ID:	99049885
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

Z M C CORP (Continued) **1001404396**

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:	0.399
Waste Quantity:	95
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:	19990512
Creation Date:	6/18/1999 0:00:00
Receipt Date:	19990513
Manifest ID:	98805317
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:	0.336
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:	19990121
Creation Date:	3/15/1999 0:00:00
Receipt Date:	19990127
Manifest ID:	98662588
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:	0.273
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Z M C CORP (Continued) **1001404396**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2003
Gen EPA ID: CAR000047662

Shipment Date: 20031118
Creation Date: 8/5/2004 10:07:02
Receipt Date: 20031120
Manifest ID: 23303236
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: CAT000613893
TSDF Alt Name: Not reported
Waste Code Description: 134 - Aqueous solution with <10% total organic residues
RCRA Code: Not reported
Meth Code: H01 - Transfer Station
Quantity Tons: 0.2772
Waste Quantity: 66
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: 20030319
Creation Date: 7/13/2003 18:31:11
Receipt Date: 20030401
Manifest ID: 22459728
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: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 0.627
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

Z M C CORP (Continued) **1001404396**

Additional Info:

Year:	2007
Gen EPA ID:	CAR000047662
Shipment Date:	20071019
Creation Date:	3/18/2008 18:30:19
Receipt Date:	20071026
Manifest ID:	000785264SKS
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:	0.252
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:	20070815
Creation Date:	11/6/2007 18:30:06
Receipt Date:	20070815
Manifest ID:	003176313JJK
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:	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:	20070628
Creation Date:	1/8/2008 18:31:19
Receipt Date:	20070705

Z M C CORP (Continued) **1001404396**

Manifest ID:	000436487SKS
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:	0.336
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:	20070308
Creation Date:	8/11/2007 18:30:05
Receipt Date:	20070315
Manifest ID:	000392737SKS
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:	0.315
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:	2011
Gen EPA ID:	CAR000047662

Shipment Date:	20110114
Creation Date:	5/27/2011 18:30:13
Receipt Date:	20110119
Manifest ID:	004279287FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

Z M C CORP (Continued) **1001404396**

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:	0.21
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:	2012
Gen EPA ID:	CAR000047662
Shipment Date:	20121109
Creation Date:	1/25/2013 22:15:09
Receipt Date:	20121115
Manifest ID:	010865039JJK
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
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01251
Waste Quantity:	3
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:	20121109
Creation Date:	2/15/2013 22:15:11
Receipt Date:	20121114
Manifest ID:	010865040JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835

Z M C CORP (Continued) **1001404396**

Trans Name:	CLEAN HARBORS-WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
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:	20121109
Creation Date:	1/19/2013 22:15:23
Receipt Date:	20121114
Manifest ID:	010865038JJK
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:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.04
Waste Quantity:	80
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:	20121109
Creation Date:	1/19/2013 22:15:23
Receipt Date:	20121114
Manifest ID:	010865038JJK
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:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.042

Z M C CORP (Continued) **1001404396**

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:	20121109
Creation Date:	2/15/2013 22:15:11
Receipt Date:	20121114
Manifest ID:	010865040JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS-WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	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:	20121109
Creation Date:	1/25/2013 22:15:09
Receipt Date:	20121115
Manifest ID:	010865039JJK
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
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

Z M C CORP (Continued) **1001404396**

Shipment Date:	20121109
Creation Date:	1/25/2013 22:15:09
Receipt Date:	20121115
Manifest ID:	010865039JJK
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
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:	0.15
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:	20121109
Creation Date:	2/15/2013 22:15:11
Receipt Date:	20121114
Manifest ID:	010865040JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS-WILMINGTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D002
Meth Code:	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:	20120817
Creation Date:	10/31/2012 22:15:23
Receipt Date:	20120829
Manifest ID:	010163463JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

Z M C CORP (Continued) **1001404396**

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:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.84
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:	20120517
Creation Date:	8/1/2012 22:15:15
Receipt Date:	20120517
Manifest ID:	010155864JJK
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:	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

Additional Info:

Year:	2001
Gen EPA ID:	CAR000047662

Shipment Date:	20011008
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011018
Manifest ID:	20793111
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported

Z M C CORP (Continued) **1001404396**

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:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	0.4587
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:	20011008
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011017
Manifest ID:	20793113
Trans EPA ID:	CAD028277036
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
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
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:	20011008
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011029
Manifest ID:	20793112
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:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported

Z M C CORP (Continued) **1001404396**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010308
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010313
Manifest ID:	20372978
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:	0.3402
Waste Quantity:	81
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:	CAR000047662
Shipment Date:	20101001
Creation Date:	2/10/2011 18:30:08
Receipt Date:	20101006
Manifest ID:	004332724FLE
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:	0.252
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

Z M C CORP (Continued) **1001404396**

Shipment Date:	20100610
Creation Date:	1/14/2011 18:30:31
Receipt Date:	20100616
Manifest ID:	002421769SKS
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:	0.189
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:	20100219
Creation Date:	5/27/2010 18:30:32
Receipt Date:	20100219
Manifest ID:	006518889JJK
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:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.462
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:	20100218
Creation Date:	11/3/2010 18:30:37
Receipt Date:	20100224
Manifest ID:	002234605SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

Z M C CORP (Continued) **1001404396**

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:	0.252
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

Additional Info:

Year:	2009
Gen EPA ID:	CAR000047662
Shipment Date:	20091104
Creation Date:	5/20/2010 18:30:18
Receipt Date:	20091111
Manifest ID:	000328302CEX
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:	0.252
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:	20090721
Creation Date:	1/8/2010 18:30:22
Receipt Date:	20090730
Manifest ID:	002075338SKS
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

Z M C CORP (Continued) **1001404396**

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:	0.252
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:	20090410
Creation Date:	8/17/2009 18:30:09
Receipt Date:	20090416
Manifest ID:	001891730SKS
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:	0.252
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:	20090227
Creation Date:	4/8/2009 18:31:19
Receipt Date:	20090227
Manifest ID:	005559232JJK
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:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.84

Z M C CORP (Continued) **1001404396**

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

Additional Info:

Year:	2005
Gen EPA ID:	CAR000047662
Shipment Date:	20051213
Creation Date:	7/12/2006 18:32:38
Receipt Date:	20051215
Manifest ID:	24728304
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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
Shipment Date:	20050823
Creation Date:	4/13/2006 18:45:56
Receipt Date:	20050825
Manifest ID:	23670122
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

Z M C CORP (Continued) **1001404396**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050506
Creation Date:	8/24/2005 7:27:35
Receipt Date:	20050511
Manifest ID:	24490250
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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
Shipment Date:	20050118
Creation Date:	4/20/2006 18:32:04
Receipt Date:	20050124
Manifest ID:	23655001
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.378
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:	2002
Gen EPA ID:	CAR000047662
Shipment Date:	20020917
Creation Date:	2/18/2003 18:31:24

Z M C CORP (Continued) **1001404396**

Receipt Date:	20020926
Manifest ID:	99612547
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:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.418
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:	20020206
Creation Date:	6/28/2002 18:31:15
Receipt Date:	20020213
Manifest ID:	21488927
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
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.336
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

Additional Info:

Year:	2006
Gen EPA ID:	CAR000047662

Shipment Date:	20061114
Creation Date:	3/30/2007 13:33:47
Receipt Date:	20061117
Manifest ID:	000229508CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

Z M C CORP (Continued) **1001404396**

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:	0.336
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:	20060726
Creation Date:	9/17/2006 18:31:37
Receipt Date:	20060731
Manifest ID:	25012472
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
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

Shipment Date:	20060406
Creation Date:	7/27/2006 18:35:05
Receipt Date:	20060412
Manifest ID:	23681603
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station

Z M C CORP (Continued) **1001404396**

Quantity Tons:	0.336
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

Additional Info:

Year:	2004
Gen EPA ID:	CAR000047662
Shipment Date:	20041001
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20041005
Manifest ID:	23714687
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.399
Waste Quantity:	95
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:	20040618
Creation Date:	10/15/2004 15:16:06
Receipt Date:	20040623
Manifest ID:	23348617
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2562
Waste Quantity:	61
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

Z M C CORP (Continued) **1001404396**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040504
Creation Date:	10/29/2004 7:40:51
Receipt Date:	20040513
Manifest ID:	23337275
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:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
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:	20040227
Creation Date:	9/10/2004 9:51:11
Receipt Date:	20040304
Manifest ID:	23471347
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:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.3066
Waste Quantity:	73
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:	Z M C CORP
Address:	1255 STONE DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92078

Z M C CORP (Continued) **1001404396**

EPA ID:	CAR000047662
Inactive Date:	06/30/2014
Create Date:	04/27/2000
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	6431 FLOTILLA ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LOS ANGELES, CA 900900000
Owner Name:	ABDUZ ZAHID
Owner Address:	6431 FLOTILLA ST
Owner Address 2:	Not reported
Owner City,State,Zip:	LOS ANGELES, CA 900400000
Contact Name:	TIM PRITCHARD/DIR OF OPTNS
Contact Address:	6431 FLOTILLA STREET
Contact Address 2:	Not reported
City,State,Zip:	LOS ANGELES, CA 900400000
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.740008
Longitude:	-117.787308

NAICS:

EPA ID:	CAR000047662
Create Date:	2007-03-27 16:17:47.000
NAICS Code:	33271
NAICS Description:	Machine Shops
Issued EPA ID Date:	2000-04-27 00:00:00
Inactive Date:	2014-06-30 00:00:00
Facility Name:	Z M C CORP
Facility Address:	1255 STONE DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920784059

E26 **STIGTEC** **RCRA NonGen / NLR** **1024804838**
North **1125 LINDA VISTA DR STE 110** **CAL000260343**
< 1/8 **SAN MARCOS, CA 92069**
0.109 mi.
576 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
537 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20021007
Handler Name:	STIGTEC	
Handler Address:		1125 LINDA VISTA DR STE 110
Handler City,State,Zip:		SAN MARCOS, CA 92069-0000
EPA ID:		CAL000260343
Contact Name:		CYNTHIA VARELA
Contact Address:		1125 LINDA VISTA DR STE 110
Contact City,State,Zip:		SAN MARCOS, CA 92078
Contact Telephone:		760-744-7239
Contact Fax:		760-744-9638
Contact Email:		CYNTHIA@STIGTEC.COM
Contact Title:		Not reported
EPA Region:		09

STIGTEC (Continued) **1024804838**

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:	1125 LINDA VISTA DR #110
Mailing City,State,Zip:	SAN MARCOS, CA 92078-0000
Owner Name:	TERESA STIGLIC
Owner Type:	Other
Operator Name:	CYNTHIA VARELA
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

STIGTEC (Continued) **1024804838**

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:	20180905
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:	TERESA STIGLIC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1125 LINDA VISTA DR STE 110
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-0000
Owner/Operator Telephone:	760-744-7239
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CYNTHIA VARELA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1125 LINDA VISTA DR STE 110
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-7239
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20021007
Handler Name: STIGTEC	
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:	33271
NAICS Description:	MACHINE SHOPS

STIGTEC (Continued) **1024804838**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

G27 **DDAM LLC DBA CALWEST AUTO CENTER** **RCRA NonGen / NLR** **1025873922**
NNE **1070 COMMERCE ST STE D** **CAL000447051**
< 1/8 **SAN MARCOS, CA 92069**
0.119 mi.
629 ft. **Site 1 of 2 in cluster G**

Relative:
Higher

Actual:
537 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20190626
Handler Name:	DDAM LLC DBA CALWEST AUTO CENTER
Handler Address:	1070 COMMERCE ST STE D
Handler City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAL000447051
Contact Name:	AARON MARIN
Contact Address:	13326 COMMUNITY RD #34
Contact City,State,Zip:	POWAY, CA 92064
Contact Telephone:	585-231-6682
Contact Fax:	Not reported
Contact Email:	AMARIN710@GMAIL.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:	1070 COMMERCE ST STE D
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	DDAM LLC
Owner Type:	Other
Operator Name:	AARON MARIN
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

DDAM LLC DBA CALWEST AUTO CENTER (Continued) **1025873922**

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:	20190729
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:	AARON MARIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13326 COMMUNITY RD #34
Owner/Operator City,State,Zip:	POWAY, CA 92064
Owner/Operator Telephone:	585-231-6682
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DDAM LLC
Legal Status:	Other

DDAM LLC DBA CALWEST AUTO CENTER (Continued) **1025873922**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	4782 MT CASAS DR
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92117
Owner/Operator Telephone:	619-384-4549
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190626
Handler Name:	DDAM LLC DBA CALWEST AUTO CENTER
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:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G28 **CAL WEST AUTO CENTER** **San Diego Co. HMMD** **S106060791**
NNE **1070 COMMERCE ST STE D** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MARCOS, CA 92078** **CERS**
0.119 mi.
629 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
537 ft.

HMMD SAN DIEGO:

Name:	TRIPLE TAKE HOLOGRAPHICS
Address:	1070 COMMERCE ST
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	110278
Business Type:	6HK15
EPA Id Number:	Not reported
APN:	219-330-42-00
Last HMMD Inspection:	01/06/2006
Facility Telephone:	760-471-1708
Permit Status:	OPEN
Permit Expiration:	01/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	JOY PADIYAR
Facility Mailing Address:	1070 COMMERCE ST #A
Facility Mailing City:	SAN MARCOS

CAL WEST AUTO CENTER (Continued) **S106060791**

Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 110278
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE.
Other Information: WASTE PHOTO FIXER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

CERS HAZ WASTE:
Name: CAL WEST AUTO CENTER
Address: 1070 COMMERCE ST STE D
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 101512
CERS ID: 10376707
CERS Description: Hazardous Waste Generator

CERS:
Name: CAL WEST AUTO CENTER
Address: 1070 COMMERCE ST STE D
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 101512
CERS ID: 10376707
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 101512
Site Name: CAL WEST AUTO CENTER
Violation Date: 12-02-2019
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 12/02/2019. Inspection Sequence ID:6265367
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 101512
Site Name: CAL WEST AUTO CENTER
Violation Date: 12-02-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General

CAL WEST AUTO CENTER (Continued) **S106060791**

Violation Notes:	Returned to compliance on 12/05/2019. Inspection Sequence ID:6265367;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.904; 68.905; 68.906, 68.907; 68.907.1
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	101512
Site Name:	CAL WEST AUTO CENTER
Violation Date:	12-02-2019
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 12/03/2019. Inspection Sequence ID:6265367
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	101512
Site Name:	CAL WEST AUTO CENTER
Violation Date:	06-22-2015
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 06/22/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	101512
Site Name:	CAL WEST AUTO CENTER
Violation Date:	12-02-2019
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 12/02/2019. Inspection Sequence ID:6265367
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	101512
Site Name:	CAL WEST AUTO CENTER
Violation Date:	12-02-2019
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple

CAL WEST AUTO CENTER (Continued) **S106060791**

Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 12/02/2019. Inspection Sequence ID:6265367;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 101512
Site Name: CAL WEST AUTO CENTER
Violation Date: 12-02-2019
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 12/05/2019. Inspection Sequence ID:6265367;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. SDCC 68.904; 68.905; 68.907.1
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 101512
Site Name: CAL WEST AUTO CENTER
Violation Date: 12-02-2019
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 12/02/2019. Inspection Sequence ID:6265367
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Jaramillo Marcie Inspection ID:5294396
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6008583
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

CAL WEST AUTO CENTER (Continued) **S106060791**

Eval Date: 07-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6008583
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5576256
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5576256
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6265367
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Jaramillo Marcie Inspection ID:5294396
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6265367
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

CAL WEST AUTO CENTER (Continued) **S106060791**

Affiliation Address:	1070 Commerce St Ste D
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	CAL WEST AUTO CENTER
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:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	DDAM LLC
Entity Title:	Not reported
Affiliation Address:	1070 COMMERCE ST SUITE D
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 621-8000,
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Document Preparer
Entity Name:	Ryan White
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:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Dan Drew
Entity Title:	Not reported
Affiliation Address:	4782 Mt. Casas Drive
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92117
Affiliation Phone:	,

CAL WEST AUTO CENTER (Continued) **S106060791**

Affiliation Type Desc:	Operator
Entity Name:	Dan Drew
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:	(760) 621-8000,

D29 **GILBERT MACHINE & MANUFACTURING** **RCRA NonGen / NLR** **1024789242**
West **1265 STONE DR** **CAL000061811**
< 1/8 **SAN MARCOS, CA 92078**
0.125 mi.
659 ft. **Site 3 of 4 in cluster D**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:	19920224
Handler Name:	GILBERT MACHINE & MANUFACTURING
Handler Address:	1265 STONE DR
Handler City,State,Zip:	SAN MARCOS, CA 92078-4059
EPA ID:	CAL000061811
Contact Name:	EDNA GARZA
Contact Address:	1265 STONE DR
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-744-4047
Contact Fax:	760-744-2862
Contact Email:	EDNA@GILBERTMACHINE.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:	1265 STONE DR
Mailing City,State,Zip:	SAN MARCOS, CA 92078-4059
Owner Name:	NANCY DUPLAN
Owner Type:	Other
Operator Name:	EDNA GARZA
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

Actual:
524 ft.

GILBERT MACHINE & MANUFACTURING (Continued) **1024789242**

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:	20180905
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:	NANCY DUPLAN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1265 STONE DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-4059
Owner/Operator Telephone:	760-744-4047
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

GILBERT MACHINE & MANUFACTURING (Continued) **1024789242**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	EDNA GARZA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1265 STONE DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-4047
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19920224
Handler Name:	GILBERT MACHINE & MANUFACTURING
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

D30 **GILBERT MACHINE &MANUFACTURING** **San Diego Co. HMMD** **S103627057**
West **1265 STONE DR** **CERS HAZ WASTE** **N/A**
< 1/8 **SAN MARCOS, CA 92078** **CERS**
0.125 mi.
659 ft. **Site 4 of 4 in cluster D**

Relative:
Lower

Actual:
524 ft.

HMMD SAN DIEGO:

Name:	GILBERT MACHINE &MANUFACTURING
Address:	1265 STONE DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	128210
Business Type:	6HK35
EPA Id Number:	CAL000061811
APN:	219-490-14-00
Last HMMD Inspection:	06/22/2010
Facility Telephone:	760-744-4047
Permit Status:	OPEN
Permit Expiration:	05/31/2013
Date Last Updated:	11/02/2012

GILBERT MACHINE &MANUFACTURING (Continued) **S103627057**

Facility Owner: DUPLAN INDUSTRIES
Facility Mailing Address: 1265 STONE DR
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 128210
Update Date: 11/02/2012
Case Number: 64742-65-0
Name: COOLANT (CUTTING OIL)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 128210
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: CUTTING OIL WITH METALS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 128210
Update Date: 11/02/2012
Inspection Date: 06/22/2010
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Name: GILBERT MACHINE &MANUFACTURING
Address: 1265 STONE DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000061811
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 760-744-4047
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 12/31/2021
Facility Owner: Not reported
Facility Mailing Address: 1265 STONE DR, SAN MARCOS, CA 92078

GILBERT MACHINE &MANUFACTURING (Continued) **S103627057**

Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Waste and Materials:

Record ID:	DEH2002-HUPFP-128210
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0098670
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2016-06-01T02:37:46.000
Chemical Name:	COOLANT (CUTTING OIL)
Common Name:	COOLANT (CUTTING OIL)
Case Number:	64742-65-0

Record ID:	DEH2002-HUPFP-128210
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HWAST-0080356
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2016-06-01T02:37:46.000
Chemical Name:	WASTE 221 WASTE OIL & MIXED OIL
Common Name:	CUTTING OIL WITH METALS
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-128210
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0316847
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-12-31T00:40:35.000
Chemical Name:	COOLANT
Common Name:	COOLANT
Case Number:	64742-65-0

Record ID:	DEH2002-HUPFP-128210
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0153808
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-02T02:37:26.000
Chemical Name:	COOLANT (CUTTING OIL)
Common Name:	COOLANT (CUTTING OIL)
Case Number:	64742-65-0

Record ID:	DEH2002-HUPFP-128210
Permit Status:	Permit Renewed

GILBERT MACHINE &MANUFACTURING (Continued) **S103627057**

Active Permit: Y
Child Record Id: DEH2017-HWAST-0132133
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-02T02:37:26.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: CUTTING OIL WITH METALS
Case Number: Not reported

Record ID: DEH2002-HUPFP-128210
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0244923
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-11-25T02:33:32.000
Chemical Name: COOLANT (CUTTING OIL)
Common Name: COOLANT (CUTTING OIL)
Case Number: 64742-65-0

Record ID: DEH2002-HUPFP-128210
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0215829
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-11-25T02:33:32.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: CUTTING OIL WITH METALS
Case Number: Not reported

Record ID: DEH2002-HUPFP-128210
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0280392
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-03T06:39:40.000
Chemical Name: COOLANT (CUTTING OIL)
Common Name: COOLANT (CUTTING OIL)
Case Number: 64742-65-0

Record ID: DEH2002-HUPFP-128210
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0248194
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-03T06:39:40.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: CUTTING OIL WITH METALS
Case Number: Not reported

Record ID: DEH2002-HUPFP-128210
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0188757

GILBERT MACHINE &MANUFACTURING (Continued) **S103627057**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-04T01:00:17.000
Chemical Name: COOLANT (CUTTING OIL)
Common Name: COOLANT (CUTTING OIL)
Case Number: 64742-65-0

Record ID: DEH2002-HUPFP-128210
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0163350
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:00:17.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: CUTTING OIL WITH METALS
Case Number: Not reported

CERS HAZ WASTE:
Name: GILBERT MACHINE &MANUFACTURING
Address: 1265 STONE DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 119470
CERS ID: 10375714
CERS Description: Hazardous Waste Generator

CERS:
Name: GILBERT MACHINE &MANUFACTURING
Address: 1265 STONE DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 119470
CERS ID: 10375714
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6473258
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6473258
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2016
Violations Found: No

GILBERT MACHINE &MANUFACTURING (Continued) **S103627057**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5432286
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4090537
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5972787
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4090537
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5972787
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5432286
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 119470
Facility Name: GILBERT MACHINE &MANUFACTURING
Env Int Type Code: HWG
Program ID: 10375714
Coord Name: Not reported

GILBERT MACHINE &MANUFACTURING (Continued) **S103627057**

Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.135520
Longitude: -117.193790

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Edna Garza
Entity Title: Office Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: DUPLAN INDUSTRIES
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: (760) 744-4047,

Affiliation Type Desc: Parent Corporation
Entity Name: GILBERT MACHINE &MANUFACTURING
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: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Edna Garza
Entity Title: Not reported
Affiliation Address: 1265 STONE DR
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

GILBERT MACHINE &MANUFACTURING (Continued) **S103627057**

Entity Title:	Not reported
Affiliation Address:	1265 STONE DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	DUPLAN FAMILY TRUST 04-26-96
Entity Title:	Not reported
Affiliation Address:	1265 STONE DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-4047,

H31 **CITY OF SAN MARCOS** **RCRA NonGen / NLR** **1026482598**
SE **430 VIA VERA CRUZ** **CAC003088648**
1/8-1/4 **SAN MARCOS, CA 92078**
0.127 mi.
671 ft. **Site 1 of 2 in cluster H**

Relative: **Higher**
Actual: **531 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20201015
Handler Name:	CITY OF SAN MARCOS	
Handler Address:		430 VIA VERA CRUZ
Handler City,State,Zip:		SAN MARCOS, CA 92078
EPA ID:		CAC003088648
Contact Name:		CITY OF SAN MARCOS
Contact Address:		1 CIVIC CENTER DRIVE
Contact City,State,Zip:		SAN MARCOS, CA 92069
Contact Telephone:		760-752-7550
Contact Fax:		Not reported
Contact Email:		JAY@DRYMASTER.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:		1 CIVIC CENTER DRIVE
Mailing City,State,Zip:		SAN MARCOS, CA 92069
Owner Name:		CITY OF SAN MARCOS
Owner Type:		Other
Operator Name:		CITY OF SAN MARCOS
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No

CITY OF SAN MARCOS (Continued) **1026482598**

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:	20201026
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:	CITY OF SAN MARCOS
Legal Status:	Other
Date Became Current:	Not reported

CITY OF SAN MARCOS (Continued) **1026482598**

Date Ended Current:	Not reported
Owner/Operator Address:	1 CIVIC CENTER DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	760-752-7550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF SAN MARCOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1 CIVIC CENTER DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	760-752-7550
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201015
Handler Name: CITY OF SAN MARCOS	
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

H32 **SEMA CONSTRUCTION** **RCRA NonGen / NLR** **1026481157**
SE **430 VIA VERA CRUZ** **CAC003087154**
1/8-1/4 **SAN MARCOS, CA 92078**
0.127 mi.
671 ft. **Site 2 of 2 in cluster H**

Relative: **Higher**
Actual: **531 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20201006
Handler Name:	SEMA CONSTRUCTION	
Handler Address:		430 VIA VERA CRUZ
Handler City,State,Zip:		SAN MARCOS, CA 92078

SEMA CONSTRUCTION (Continued) **1026481157**

EPA ID:	CAC003087154
Contact Name:	ZACH HEILLER
Contact Address:	430 VIA VERA CRUZ
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	951-466-9221
Contact Fax:	Not reported
Contact Email:	ZHEILLER@SEMACONSTRUCTION.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:	430 VIA VERA CRUZ
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	CITY OF SAN MARCOS
Owner Type:	Other
Operator Name:	ZACH HEILLER
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

SEMA CONSTRUCTION (Continued) **1026481157**

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:	20201008
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:	ZACH HEILLER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	430 VIA VERA CRUZ
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	951-466-9221
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF SAN MARCOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	430 VIA VERA CRUZ
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	951-466-9221
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20201006
Handler Name: SEMA CONSTRUCTION	
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

SEMA CONSTRUCTION (Continued) **1026481157**

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: 541360
NAICS Description: GEOPHYSICAL SURVEYING AND MAPPING SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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33 **BREE ENGINEERING CORP** **RCRA NonGen / NLR** **1024811795**
West **1275 STONE DR** **CAL000296668**
1/8-1/4 **SAN MARCOS, CA 92078**
0.144 mi.
759 ft.

Relative: **Lower**
Actual: **524 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20210617
Handler Name: BREE ENGINEERING CORP
Handler Address: 1275 STONE DR
Handler City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000296668
Contact Name: JACKIE BREE
Contact Address: VALLECITOS DE ORO STE G
Contact City,State,Zip: SAN MARCOS, CA 92069
Contact Telephone: 760-510-4952
Contact Fax: 760-510-4959
Contact Email: JACKIE@BREEENG.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Private
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: VALLECITOS DE ORO STE G
Mailing City,State,Zip: SAN MARCOS, CA 92069
Owner Name: Not reported
Owner Type: Not reported
Operator Name: BREE ENGINEERING CORP
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No

BREE ENGINEERING CORP (Continued) **1024811795**

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:	20210617
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:	BREE ENGINEERING CORP
Legal Status:	Other
Date Became Current:	Not reported

BREE ENGINEERING CORP (Continued) **1024811795**

Date Ended Current:	Not reported
Owner/Operator Address:	1750 MARILYN LN
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	760-805-1134
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	BREE ENGINEERING CORP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1275 STONE DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-0000
Owner/Operator Telephone:	760-510-4950
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JACQUELINE BREE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1275 STONE DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-510-4950
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210617
Handler Name: BREE ENGINEERING CORP	
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:	No
Electronic Manifest Broker:	No
Receive Date:	20050720
Handler Name: BREE ENGINEERING CORP	
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:	No
Non Storage Recycler Activity:	Not reported

BREE ENGINEERING CORP (Continued) **1024811795**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 334419
NAICS Description: OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I34 **AYESHA PETRO INC-ARCO** **RCRA NonGen / NLR** **1024854277**
SW **1187 W SAN MARCOS BLVD** **CAL000415026**
1/8-1/4 **SAN MARCOS, CA 92078**
0.157 mi.
829 ft. **Site 1 of 6 in cluster I**

Relative: RCRA NonGen / NLR:
Lower
Actual: Date Form Received by Agency: 20160309
524 ft. Handler Name: AYESHA PETRO INC-ARCO
Handler Address: 1187 W SAN MARCOS BLVD
Handler City,State,Zip: SAN MARCOS, CA 92078-4008
EPA ID: CAL000415026
Contact Name: SUNNY PATEL
Contact Address: 1187 W SAN MARCOS BLVD
Contact City,State,Zip: SAN MARCOS, CA 92078-4008
Contact Telephone: 760-471-6277
Contact Fax: 760-471-0854
Contact Email: Not reported
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: 1187 W SAN MARCOS BLVD
Mailing City,State,Zip: SAN MARCOS, CA 92078-4008
Owner Name: SUNNY PATEL
Owner Type: Other
Operator Name: SUNNY PATEL
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

AYESHA PETRO INC-ARCO (Continued) **1024854277**

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:	20181120
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:	SUNNY PATEL
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1187 W SAN MARCOS BLVD
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-4008
Owner/Operator Telephone:	760-471-6277

AYESHA PETRO INC-ARCO (Continued) **1024854277**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SUNNY PATEL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1187 W SAN MARCOS BLVD
Owner/Operator City,State,Zip: SAN MARCOS, CA 92078-4008
Owner/Operator Telephone: 760-471-6277
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160309
Handler Name: AYESHA PETRO INC-ARCO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I35 **ARCO FACILITY NO 05573** **RCRA NonGen / NLR** **1004678115**
SW **1187 W SAN MARCOS BLVD** **CAR000105239**
1/8-1/4 **SAN MARCOS, CA 92069**
0.157 mi.
829 ft. **Site 2 of 6 in cluster I**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 20061213
Actual: Handler Name: ARCO FACILITY NO 05573
524 ft. Handler Address: 1187 W SAN MARCOS BLVD
Handler City,State,Zip: SAN MARCOS, CA 92069
EPA ID: CAR000105239
Contact Name: JACKIE DOUGHERTY
Contact Address: P O BOX 80249
Contact City,State,Zip: ARTESIA, CA 90702

ARCO FACILITY NO 05573 (Continued) **1004678115**

Contact Telephone:	949-460-5200
Contact Fax:	Not reported
Contact Email:	JACKIE@BELSHIRE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
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:	P O BOX 6038
Mailing City,State,Zip:	ARTESIA, CA 90702-6038
Owner Name:	B P WEST COAST PRODUCTS LLC
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
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

ARCO FACILITY NO 05573 (Continued) **1004678115**

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:	20070702
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:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	B P WEST COAST PRODUCTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-690-2425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	B P WEST COAST PRODUCTS LLC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6038
Owner/Operator City,State,Zip:	ARTESIA, CA 90702-6038
Owner/Operator Telephone:	714-690-2425
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020603

ARCO FACILITY NO 05573 (Continued) **1004678115**

Handler Name: ARCO FACILITY NO 05573	
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:	20061213
Handler Name: ARCO FACILITY NO 05573	
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 Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

I36 **AYESHA PETRO INC** **UST** **U004347444**
SW **1187 W SAN MARCOS BLVD** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069**
0.157 mi.
829 ft. **Site 3 of 6 in cluster I**

Relative: UST:
Lower

Actual: Name:	AYESHA PETRO INC
524 ft. Address:	1187 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	37-000-207647
Permitting Agency:	San Diego County Department of Environmental Health
CERSID:	10376248
Latitude:	33.13298
Longitude:	-117.19338

I37 **AYESHA PETRO INC** **San Diego Co. HMMD** **S110497174**
SW **1187 W SAN MARCOS BLVD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069** **CERS TANKS**
0.157 mi. **CERS**
829 ft. **Site 4 of 6 in cluster I** **HWTS**

Relative:
Lower

Actual:
524 ft.

HMMD SAN DIEGO:

Name:	ARCO SAN MARCOS NINE DIAMONDS
Address:	1187 W SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	207647
Business Type:	6HK28
EPA Id Number:	CAL000324549
APN:	221-051-52-00
Last HMMD Inspection:	10/18/2012
Facility Telephone:	760-471-6277
Permit Status:	OPEN
Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	SAN MARCOS NINE DIAMONDS, LLC/ SAM PARABIA
Facility Mailing Address:	1187 W SAN MARCOS BLVD
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	SAM PARABIA
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Y
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	207647
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	MIDGRADE UNLEADED
Other Information:	UNDERGROUND TANK 122772 T003
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	207647
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	PREMIUM UNLEADED
Other Information:	UNDERGROUND TANK 122772 T004
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	207647
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	REGULAR UNLEADED
Other Information:	UNDERGROUND TANK 122772 T001
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

AYESHA PETRO INC (Continued) **S110497174**

Permit Number:	207647
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	REGULAR UNLEADED
Other Information:	UNDERGROUND TANK 122772 T002
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	207647
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information:	USED FUEL FILTERS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/18/2012
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE

Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3114
Violation:	2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation:	Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity:	ACTIVE

Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3152
Violation:	ALL MAINT/MONITOR RECORDS NOT AVAILABLE
Violation Citation:	All maintenance/monitoring/calibration/ repair records not available. 25293; 2712 (b)
Activity:	ACTIVE

Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3193
Violation:	NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation:	Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity:	ACTIVE

Permit Number:	207647

AYESHA PETRO INC (Continued) **S110497174**

Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/17/2011
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/15/2008
Violation Code:	6HV3262
Violation:	SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation:	Secondary containment piping obstructed preventing drainage to sump. 2632
Activity:	ACTIVE

UST:

UST Name:	UNDERGROUND TANK 122772 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 122772 T002
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL

AYESHA PETRO INC (Continued) **S110497174**

Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 122772 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 122772 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

Name:	ARCO SAN MARCOS NINE DIAMONDS
Address:	1187 W SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	207647
Business Type:	6HK28
EPA Id Number:	CAL000324549
APN:	221-051-52-00
Last HMMD Inspection:	10/18/2012
Facility Telephone:	760-471-6277
Permit Status:	OPEN
Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	SAN MARCOS NINE DIAMONDS, LLC/ SAM PARABIA
Facility Mailing Address:	1187 W SAN MARCOS BLVD
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078

AYESHA PETRO INC (Continued) **S110497174**

UST Owner: SAM PARABIA
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: MIDGRADE UNLEADED
Other Information: UNDERGROUND TANK 122772 T003
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: PREMIUM UNLEADED
Other Information: UNDERGROUND TANK 122772 T004
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 122772 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 122772 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: USED FUEL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 207647
Update Date: 11/02/2012

AYESHA PETRO INC (Continued) **S110497174**

Inspection Date:	10/18/2012
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3114
Violation:	2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation:	Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3152
Violation:	ALL MAINT/MONITOR RECORDS NOT AVAILABLE
Violation Citation:	All maintenance/monitoring/calibration/ repair records not available. 25293; 2712 (b)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3193
Violation:	NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation:	Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/17/2011
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/15/2008

AYESHA PETRO INC (Continued) **S110497174**

Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 122772 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 207647
Tank Type: DOUBLE WALL
Additional Id: NT1454, RT1940; RT5095
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1991-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 122772 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 207647
Tank Type: DOUBLE WALL
Additional Id: NT1454, RT1940; RT5095
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1991-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 122772 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 207647
Tank Type: DOUBLE WALL
Additional Id: NT1454, RT1940; RT5095
Capacity Gallons: 10000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1991-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

AYESHA PETRO INC (Continued) **S110497174**

UST Name:	UNDERGROUND TANK 122772 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

Name:	ARCO SAN MARCOS NINE DIAMONDS
Address:	1187 W SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	207647
Business Type:	6HK28
EPA Id Number:	CAL000324549
APN:	221-051-52-00
Last HMMD Inspection:	10/18/2012
Facility Telephone:	760-471-6277
Permit Status:	OPEN
Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	SAN MARCOS NINE DIAMONDS, LLC/ SAM PARABIA
Facility Mailing Address:	1187 W SAN MARCOS BLVD
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	SAM PARABIA
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Y
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	207647
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	MIDGRADE UNLEADED
Other Information:	UNDERGROUND TANK 122772 T003
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	207647
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	PREMIUM UNLEADED
Other Information:	UNDERGROUND TANK 122772 T004

AYESHA PETRO INC (Continued) **S110497174**

Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 122772 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 122772 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: USED FUEL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/18/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/20/2010
Violation Code: 6HV3114
Violation: 2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation: Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity: ACTIVE

Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/20/2010
Violation Code: 6HV3152
Violation: ALL MAINT/MONITOR RECORDS NOT AVAILABLE
Violation Citation: All maintenance/monitoring/calibration/ repair records not available.

AYESHA PETRO INC (Continued) **S110497174**

25293; 2712 (b)
Activity: ACTIVE

Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/20/2010
Violation Code: 6HV3193
Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation: Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity: ACTIVE

Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/20/2010
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/17/2011
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/15/2008
Violation Code: 6HV3262
Violation: SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation: Secondary containment piping obstructed preventing drainage to sump. 2632
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 122772 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 207647
Tank Type: DOUBLE WALL
Additional Id: NT1454, RT1940; RT5095
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1991-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

AYESHA PETRO INC (Continued) **S110497174**

UST Name:	UNDERGROUND TANK 122772 T002
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name:	UNDERGROUND TANK 122772 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name:	UNDERGROUND TANK 122772 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

Name:	AYESHA PETRO INC
Address:	1187 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	Not reported
Business Type:	Not reported

AYESHA PETRO INC (Continued) **S110497174**

EPA Id Number:	CAL000415026
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-471-6277
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	09/30/2021
Facility Owner:	Not reported
Facility Mailing Address:	1187 W SAN MARCOS BLVD, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	Y
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5502050
Return To Compliance Date:	2016-09-28T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2016-09-28T12:07:00.000
Violation Code:	3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f)

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5727695
Return To Compliance Date:	2017-10-02T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	27359
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2017-09-26T12:08:00.000
Violation Code:	2030078 Failure to retain a copy of the permit to operate at the facility. 23 CCR 2712(i)

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y

AYESHA PETRO INC (Continued) **S110497174**

Facility Id Number:	37-000-207647
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	4418772
Return To Compliance Date:	2013-10-24T00:00:00.000
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	91
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2013-10-24T12:27:00.000
Violation Code:	2030008 Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 6.7 25290.1, 25290.2, 25291.

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5354155
Return To Compliance Date:	2015-11-05T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	27359
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2015-10-01T10:12:00.000
Violation Code:	2030025 (RD) Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow or product through the piping or trigger an alarm when a release occurs. 23 CCR 2636(f)(2)

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5727695
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2017-09-26T12:08:00.000
Violation Code:	2010007 Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. HSC 25292.2, 25299.30-25299.34; 23 CCR 2711; 2808.1, 2809-2809.2

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y

AYESHA PETRO INC (Continued) **S110497174**

Facility Id Number:	37-000-207647
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	6243605
Return To Compliance Date:	2019-09-19T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	27359
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2019-09-19T15:11:58.000
Violation Code:	2030036 (TCR 9b) Failure to comply with one or more of the following overfill prevention equipment requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. 6. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. 7. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. 8. Inspected within 30 days after a repair to the overfill prevention equipment. 9. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. 10. Inspected by a certified UST service technician. 11. Maintain records of overfill prevention equipment inspection for 36 months. 23 CCR 2635(c)(1), 2635(d), 2637.2(a-c), 2665, 2712(b)(1)(G)

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4418772
Return To Compliance Date:	2013-11-29T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2013-10-24T12:27:00.000
Violation Code:	3030010 Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.; 22 CCR 12 66262.34(d).

Record ID:	DEH2007-HUPFP-207647

AYESHA PETRO INC (Continued) **S110497174**

Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5984932
Return To Compliance Date:	2018-10-30T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-30T01:30:54.000
Inspection Date:	2018-09-20T16:07:00.000
Violation Code:	3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)

UST DTL:

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Facility Type (Ust Facility):	Motor Vehicle Fueling
Tank Owner Name:	Ayesha Petroleum Inc
Tankid:	27358
Tank Status:	Active
Date Ust Permanently Closed:	Not reported
Tank Use:	Motor Vehicle Fueling
Piping System Type:	Pressure
Last Updated:	2021-09-30T01:30:54.000
Tank Capacityin Gallons:	10000
Tank Contents:	Regular Unleaded
Type Of Tank:	Double Wall

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Facility Type (Ust Facility):	Motor Vehicle Fueling
Tank Owner Name:	Ayesha Petroleum Inc
Tankid:	27359
Tank Status:	Active
Date Ust Permanently Closed:	Not reported
Tank Use:	Motor Vehicle Fueling
Piping System Type:	Pressure
Last Updated:	2021-09-30T01:30:54.000
Tank Capacityin Gallons:	10000
Tank Contents:	Regular Unleaded
Type Of Tank:	Double Wall

Record ID:	DEH2007-HUPFP-207647
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-207647
Facility Type (Ust Facility):	Motor Vehicle Fueling
Tank Owner Name:	Ayesha Petroleum Inc
Tankid:	27360
Tank Status:	Active

AYESHA PETRO INC (Continued) **S110497174**

Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2021-09-30T01:30:54.000
Tank Capacityin Gallons: 10000
Tank Contents: Premium Unleaded
Type Of Tank: Double Wall

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-207647
Facility Type (Ust Facility): Motor Vehicle Fueling
Tank Owner Name: Ayesha Petroleum Inc
Tankid: 27361
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2021-09-30T01:30:54.000
Tank Capacityin Gallons: 10000
Tank Contents: Regular Unleaded
Type Of Tank: Double Wall

Waste and Materials:
Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295831
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-30T01:30:54.000
Chemical Name: Gasoline Fuel Grades 87 & 91
Common Name: UNDERGROUND TANKS (All grades)
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264077
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-30T01:30:54.000
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name: Gas-Water Mixture
Case Number: Not reported

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0158702
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T09:44:05.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T001
Case Number: 8006-61-9

AYESHA PETRO INC (Continued) **S110497174**

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0158703
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T09:44:05.000
Chemical Name: PREMIUM UNLEADED
Common Name: UNDERGROUND TANK 122772 T004
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0158704
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T09:44:05.000
Chemical Name: MIDGRADE UNLEADED
Common Name: UNDERGROUND TANK 122772 T003
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0158705
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-17T09:44:05.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T002
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0134411
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-17T09:44:05.000
Chemical Name: Water containing gasoline
Common Name: Gas-Water Mixture
Case Number: Not reported

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0194521
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T16:56:46.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T001
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed

AYESHA PETRO INC (Continued) **S110497174**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0194522
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T16:56:46.000
Chemical Name: PREMIUM UNLEADED
Common Name: UNDERGROUND TANK 122772 T004
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0194523
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T16:56:46.000
Chemical Name: MIDGRADE UNLEADED
Common Name: UNDERGROUND TANK 122772 T003
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0194524
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-28T16:56:46.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T002
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0109630
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-19T02:32:06.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T001
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0109631
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-19T02:32:06.000
Chemical Name: PREMIUM UNLEADED
Common Name: UNDERGROUND TANK 122772 T004
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0109632

AYESHA PETRO INC (Continued) **S110497174**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-19T02:32:06.000
Chemical Name: MIDGRADE UNLEADED
Common Name: UNDERGROUND TANK 122772 T003
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0109633
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-19T02:32:06.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T002
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0091045
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-09-19T02:32:06.000
Chemical Name: Water containing gasoline
Common Name: Gas-Water Mixture
Case Number: Not reported

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0275379
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-09-30T02:36:36.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T001
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0275380
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-09-30T02:36:36.000
Chemical Name: PREMIUM UNLEADED
Common Name: UNDERGROUND TANK 122772 T004
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0275381
Trade Secret: N
Hazardous Material Type: Pure

AYESHA PETRO INC (Continued) **S110497174**

Last Updated: 2020-09-30T02:36:36.000
Chemical Name: MIDGRADE UNLEADED
Common Name: UNDERGROUND TANK 122772 T003
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0275382
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-09-30T02:36:36.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T002
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0243913
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-30T02:36:36.000
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name: Gas-Water Mixture
Case Number: Not reported

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0168017
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T16:56:46.000
Chemical Name: Water containing gasoline
Common Name: Gas-Water Mixture
Case Number: Not reported

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225089
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-20T01:41:21.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T001
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225090
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-20T01:41:21.000
Chemical Name: PREMIUM UNLEADED

AYESHA PETRO INC (Continued) **S110497174**

Common Name: UNDERGROUND TANK 122772 T004
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225091
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-20T01:41:21.000
Chemical Name: MIDGRADE UNLEADED
Common Name: UNDERGROUND TANK 122772 T003
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0225092
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-20T01:41:21.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 122772 T002
Case Number: 8006-61-9

Record ID: DEH2007-HUPFP-207647
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0194972
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-20T01:41:21.000
Chemical Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Common Name: Gas-Water Mixture
Case Number: Not reported

Name: ARCO SAN MARCOS NINE DIAMONDS
Address: 1187 W SAN MARCOS BL
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 207647
Business Type: 6HK28
EPA Id Number: CAL000324549
APN: 221-051-52-00
Last HMMD Inspection: 10/18/2012
Facility Telephone: 760-471-6277
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: SAN MARCOS NINE DIAMONDS, LLC/ SAM PARABIA
Facility Mailing Address: 1187 W SAN MARCOS BLVD
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: SAM PARABIA
Handle Regulated Hazmat: Y
Own Or Operate UST: Y

AYESHA PETRO INC (Continued) **S110497174**

Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: MIDGRADE UNLEADED
Other Information: UNDERGROUND TANK 122772 T003
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: PREMIUM UNLEADED
Other Information: UNDERGROUND TANK 122772 T004
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 122772 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 122772 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 207647
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: USED FUEL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 207647
Update Date: 11/02/2012
Inspection Date: 10/18/2012
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL

AYESHA PETRO INC (Continued) **S110497174**

Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3114
Violation:	2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation:	Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3152
Violation:	ALL MAINT/MONITOR RECORDS NOT AVAILABLE
Violation Citation:	All maintenance/monitoring/calibration/ repair records not available. 25293; 2712 (b)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV3193
Violation:	NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation:	Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/20/2010
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/17/2011
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Permit Number:	207647
Update Date:	11/02/2012
Inspection Date:	10/15/2008
Violation Code:	6HV3262
Violation:	SEC CONT PIPING DRAINAGE OBSTRUCTED
Violation Citation:	Secondary containment piping obstructed preventing drainage to sump.

AYESHA PETRO INC (Continued) **S110497174**

2632
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 122772 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 207647
Tank Type: DOUBLE WALL
Additional Id: NT1454, RT1940; RT5095
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1991-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 122772 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 207647
Tank Type: DOUBLE WALL
Additional Id: NT1454, RT1940; RT5095
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1991-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 122772 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 207647
Tank Type: DOUBLE WALL
Additional Id: NT1454, RT1940; RT5095
Capacity Gallons: 10000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1991-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 122772 T004
Last Update: 2012-11-02 14:17:38

AYESHA PETRO INC (Continued) **S110497174**

Permit Number:	207647
Tank Type:	DOUBLE WALL
Additional Id:	NT1454, RT1940; RT5095
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1991-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0LLD; UDC W/ POSITIVE SHUT-OFF

CERS HAZ WASTE:

Name:	AYESHA PETRO INC
Address:	1187 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	96751
CERS ID:	10376248
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	AYESHA PETRO INC
Address:	1187 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	96751
CERS ID:	10376248
CERS Description:	Underground Storage Tank

CERS:

Name:	ARCO FACILITY NO 05573
Address:	1187 WEST SAN MARCOS BOULEVARD
City,State,Zip:	SAN MARCOS, CA 92078-4008
Site ID:	452109
CERS ID:	110012232075
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	JACKIE DOUGHERTY
Entity Title:	Not reported
Affiliation Address:	POBOX 80249
Affiliation City:	ARTESIA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Name:	AYESHA PETRO INC
Address:	1187 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	96751

AYESHA PETRO INC (Continued) **S110497174**

CERS ID: 10376248
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 96751
Site Name: AYESHA PETRO INC
Violation Date: 09-26-2017
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 10/02/2017. Inspection Sequence ID:5727695;Tank ID:27359,27360,27361,27358;Violation Description:Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. HSC 25292.2, 25299.30-25299.34; 23 CCR 2711; 2808.1, 2809-2809.2
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96751
Site Name: AYESHA PETRO INC
Violation Date: 10-01-2015
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 11/05/2015. Inspection Sequence ID:5354155;Tank ID:27359,27361,27358;Violation Description:(RD) Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow or product through the piping or trigger an alarm when a release occurs. 23 CCR 2636(f)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96751
Site Name: AYESHA PETRO INC
Violation Date: 09-28-2016
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 09/28/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 96751

AYESHA PETRO INC (Continued) **S110497174**

Site Name:	AYESHA PETRO INC
Violation Date:	09-26-2017
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to retain a copy of the permit to operate at the facility.
Violation Notes:	Returned to compliance on 10/02/2017. Inspection Sequence ID:5727695;Tank ID:27359,27360,27361,27358;Violation Description:Failure to retain a copy of the permit to operate at the facility. 23 CCR 2712(i)
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	96751
Site Name:	AYESHA PETRO INC
Violation Date:	09-19-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 09/19/2019. Inspection Sequence ID:6243605;Tank ID:27359,27360,27361,27358;Violation Description:(TCR 9b) Failure to comply with one or more of the following overfill prevention equipment requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill

AYESHA PETRO INC (Continued) **S110497174**

prevention equipment requirements when the overfil
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 96751
Site Name: AYESHA PETRO INC
Violation Date: 09-20-2018
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 10/30/2018. Inspection Sequence ID:5984932
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5984932
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-20-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5984932
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5502050
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5815078
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2015

AYESHA PETRO INC (Continued) **S110497174**

Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:5322208
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-29-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:5322208
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-19-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:6243605
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-20-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5984932
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-26-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5727695
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-26-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5727695
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-28-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:5502050

AYESHA PETRO INC (Continued) **S110497174**

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5322208
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6797857
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5354155
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5094802
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5354155
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5094802
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

AYESHA PETRO INC (Continued) **S110497174**

Eval General Type: Other/Unknown
Eval Date: 09-09-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: "No On-site Inspection" Inspector: Beacon Ellen Inspection ID:6498636
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:6243605
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-26-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5727695
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-28-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5502050
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5815078
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-01-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5354155
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-20-2014
Violations Found: No

AYESHA PETRO INC (Continued) **S110497174**

Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:5094802
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,

Affiliation Type Desc:	Operator
Entity Name:	Ayesha Petroleum 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:	(760) 471-6277,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Paul Vidakovich
Entity Title:	Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(760) 471-6277,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Ayesha Petroleum Inc-Sunny Patel
Entity Title:	Not reported
Affiliation Address:	1187 W SAN MARCOS BLVD
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 471-6277,

Affiliation Type Desc:	Document Preparer
Entity Name:	Paul Vidakovich
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:	,

AYESHA PETRO INC (Continued) **S110497174**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Paul Vidakovich
Entity Title:	Not reported
Affiliation Address:	3720 OCEANIC WAY #205
Affiliation City:	OCEANSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92056
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1187 W SAN MARCOS BLVD
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Ayesha Petroleum Inc
Entity Title:	Not reported
Affiliation Address:	1187 W SAN MARCOS BLVD
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 471-6277,

Affiliation Type Desc:	Parent Corporation
Entity Name:	ARCO AM PM
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:	,

Affiliation Type Desc:	Property Owner
Entity Name:	AYESHA PETROLEUM INC
Entity Title:	Not reported
Affiliation Address:	1187 W SAN MARCOS BLVD
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 471-6277,

Affiliation Type Desc:	Identification Signer
Entity Name:	Paul Vidakovich
Entity Title:	Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

AYESHA PETRO INC (Continued) **S110497174**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: UST Tank Operator
Entity Name: Ayesha Petroleum Inc
Entity Title: Not reported
Affiliation Address: 1187 San Marcos Blvd
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 471-6277,

Affiliation Type Desc: UST Tank Owner
Entity Name: Ayesha Petro Inc-Sunny Patel
Entity Title: Not reported
Affiliation Address: 1187 W SAN MARCOS BLVD
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 471-6277,

HWTS:
Name: ASYESHE PETRO INC
Address: 1187 W SAN MARCOS BLVD
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000399570
Inactive Date: 06/30/2016
Create Date: 08/06/2014
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1187 W SAN MARCOS BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MARCOS, CA 920784008
Owner Name: ASYESHE PETRO INC
Owner Address: 1187 W SAN MARCOS BLVD
Owner Address 2: Not reported
Owner City,State,Zip: SAN MARCOS, CA 920784008
Contact Name: JACK
Contact Address: 1187 W SAN MARCOS BLVD
Contact Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.133077
Longitude: -117.1933875

NAICS:
EPA ID: CAL000399570
Create Date: 2014-08-06 14:27:00.240
NAICS Code: 44719
NAICS Description: Other Gasoline Stations
Issued EPA ID Date: 2014-08-06 14:27:00.20700

AYESHA PETRO INC (Continued) **S110497174**

Inactive Date:	2016-06-30 00:00:00
Facility Name:	ASYESHE PETRO INC
Facility Address:	1187 W SAN MARCOS BLVD
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920784008

I38 **ARCO AM PM MINI MART** **SWEEPS UST** **S100929936**
SW **1187 W SAN MARCOS BLVD** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069**
0.157 mi.
829 ft. **Site 5 of 6 in cluster I**

Relative: **Lower**

Actual: **524 ft.**

SWEEPS UST:

Name:	ARCO AM PM MINI MART
Address:	1187 W SAN MARCOS BLVD
City:	SAN MARCOS
Status:	Active
Comp Number:	22772
Number:	9
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-022772-000001
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	ARCO AM PM MINI MART
Address:	1187 W SAN MARCOS BLVD
City:	SAN MARCOS
Status:	Active
Comp Number:	22772
Number:	9
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-022772-000002
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	ARCO AM PM MINI MART

ARCO AM PM MINI MART (Continued) **S100929936**

Address:	1187 W SAN MARCOS BLVD
City:	SAN MARCOS
Status:	Active
Comp Number:	22772
Number:	9
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-022772-000003
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Name:	ARCO AM PM MINI MART
Address:	1187 W SAN MARCOS BLVD
City:	SAN MARCOS
Status:	Active
Comp Number:	22772
Number:	9
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-022772-000004
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

I39 **ARCO AM/PM MINI MART/PSI 5268** **UST** **U004356213**
SW **1187 W SAN MARCOS BLVD** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078**
0.157 mi.
829 ft. **Site 6 of 6 in cluster I**

Relative: UST:
Lower

Actual:
524 ft.

Name:	ARCO AM/PM MINI MART/PSI 5268
Address:	1187 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Facility ID:	H22772
Permitting Agency:	SAN DIEGO COUNTY
CERSID:	Not reported
Latitude:	33.134331
Longitude:	-117.192036

J40 **AMISTAR** **RCRA-SQG** **1000387982**
NNE **1080 LINDA VISTA DR** **San Diego Co. HMMD** **CAD981395882**
1/8-1/4 **SAN MARCOS, CA 92069** **FINDS**
0.169 mi. **ECHO**
894 ft. **Site 1 of 8 in cluster J** **HAZNET**
CIWQS
Relative: **HWTS**
Higher

Actual: **537 ft.**

RCRA-SQG:

Date Form Received by Agency:		19860423
Handler Name:	AMISTAR	
Handler Address:		1080 LINDA VISTA DR
Handler City,State,Zip:		SAN MARCOS, CA 92069
EPA ID:		CAD981395882
Contact Name:		ENVIRONMENTAL MANAGER
Contact Address:		1080 LINDA VISTA DR
Contact City,State,Zip:		SAN MARCOS, CA 92069
Contact Telephone:		619-744-7680
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:		4
Mailing Address:		LINDA VISTA DR
Mailing City,State,Zip:		SAN MARCOS, CA 92069
Owner Name:		AMISTAR
Owner Type:		Private
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
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

AMISTAR (Continued) **1000387982**

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:	20000915
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:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AMISTAR
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
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

AMISTAR (Continued) **1000387982**

Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19860423
Handler Name: AMISTAR
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

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

HMMD SAN DIEGO:
Name: AMISTAR
Address: 1080 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 110492
Business Type: Not reported
EPA Id Number: Not reported
APN: 219-153-03-00
Last HMMD Inspection: Not reported
Facility Telephone: Not reported
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: Not reported
Facility Mailing Address: Not reported
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: MIRI CORPORATION
Address: 1080 LINDA VISTA DR A
City,State,Zip: SAN MARCOS, CA 92078-2655

AMISTAR (Continued) **1000387982**

Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000369781
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-744-1128
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	04/18/2021
Facility Owner:	Not reported
Facility Mailing Address:	1080 Linda Vista Dr Ste A, San Marcos, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Y
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6235761
Return To Compliance Date:	2021-03-08T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2021-01-08T00:00:00.000
Violation Code:	3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)

Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	5778381
Return To Compliance Date:	2018-01-12T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2017-08-09T11:11:00.000
Violation Code:	HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907

Record ID:	DEH2017-HUPFP-003763

AMISTAR (Continued) **1000387982**

Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6235761
Return To Compliance Date:	2021-03-08T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2021-01-08T00:00:00.000
Violation Code:	3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)

Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6235761
Return To Compliance Date:	2021-02-26T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2021-01-08T00:00:00.000
Violation Code:	HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)

Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	6235761
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	1
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2021-01-08T00:00:00.000
Violation Code:	HMD1712 Inadequate or no records of inspections (must include dates, times, name of inspector, observations, and specifics of needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). CE: HSC 25201.5(d)(4)&(5), 25201.14(c)(1); CA: HSC 25200.3(c)(5)&(7); PBR: 22 CCR 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b),(d)

Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed

AMISTAR (Continued) **1000387982**

Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	6235761
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	1
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2021-01-08T00:00:00.000
Violation Code:	HMD1711 Inadequate or no written inspection schedule for containers, tanks, & equipment (must include inspections for safety and emergency equipment, specify problems checked, and frequency of inspections). For containers: CE: HSC 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 22 CCR 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15 (For tanks, also 22 CCR 66265.195)
Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Initial Inspection
Inspection Number:	5778381
Return To Compliance Date:	2017-08-09T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2017-08-09T11:11:00.000
Violation Code:	1010002 HMBP not submitted to the CUPA in CERS. HSC 25508(a)(1)(A); HSC 25404(e)(4); 27 CCR 15188(a),(b),(d)
Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6235761
Return To Compliance Date:	2021-03-01T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2021-01-08T00:00:00.000
Violation Code:	3030019 Failed to inspect hazardous waste storage area at least weekly. 22 CCR 66262.34(d)(2); 40 CFR 262.34(d)(2), 265.174
Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-003763

AMISTAR (Continued) **1000387982**

Program Element:	Hazardous Waste Generator
Inspection Type:	Initial Inspection
Inspection Number:	5778381
Return To Compliance Date:	2018-01-12T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-04-18T19:05:23.000
Inspection Date:	2017-08-09T11:11:00.000
Violation Code:	HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905

Waste and Materials:

Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0150035
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-04-18T19:05:23.000
Chemical Name:	Unsaturated Polyester Resin
Common Name:	Unsaturated Polyester Resin
Case Number:	Not reported

Record ID:	DEH2017-HUPFP-003763
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0128600
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-04-18T19:05:23.000
Chemical Name:	Resin Waste
Common Name:	Resin Waste (w/some acetone)
Case Number:	Not reported

FINDS:
Registry ID: 110071050729

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.
Registry ID: 110002692916

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,

AMISTAR (Continued) **1000387982**

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:	1000387982
Registry ID:	110002692916
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002692916
Name:	AMISTAR
Address:	1080 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069

HAZNET:

Name:	AMISTAR
Address:	1080 LINDA VISTA DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920690000
Contact:	INACTIVE PER FEE FORM 6/93
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	237 VIA VERA CRUZ
Year:	1993
Gepaid:	CAD981395882
TSD EPA ID:	CAD050806850
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	-
Tons:	0.0834
Year:	1993
Gepaid:	CAD981395882
TSD EPA ID:	CAD050806850
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	T01 - Treatment, Tank
Tons:	0.1815
Year:	1993
Gepaid:	CAD981395882
TSD EPA ID:	CAD050806850
CA Waste Code:	-
Disposal Method:	T01 - Treatment, Tank
Tons:	0
Year:	1993
Gepaid:	CAD981395882
TSD EPA ID:	CAD003963592
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	R01 - Recycler
Tons:	1.05
Year:	1993
Gepaid:	CAD981395882
TSD EPA ID:	CAD003963592

AMISTAR (Continued) **1000387982**

CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: -
Tons: 0.5

Year: 1993
Gepaid: CAD981395882
TSD EPA ID: UTD991301748
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.0375

Year: 1993
Gepaid: CAD981395882
TSD EPA ID: UTD991301748
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.4587

Year: 1992
Gepaid: CAD981395882
TSD EPA ID: CAD050806850
CA Waste Code: 211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1992
Gepaid: CAD981395882
TSD EPA ID: CAD003963592
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: R01 - Recycler
Tons: 0.65

Year: 1992
Gepaid: CAD981395882
TSD EPA ID: UTD991301748
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 1.3761

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: CAD981395882

Shipment Date: 19930513
Creation Date: 9/1/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 92240546
Trans EPA ID: CAD003963592
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD003963592

AMISTAR (Continued) **1000387982**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	- Not reported
Quantity Tons:	0.5
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:	19930423
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930427
Manifest ID:	92433790
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D80 - Disposal, Land Fill
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:	19930423
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930427
Manifest ID:	92433790
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
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:	D80 - Disposal, Land Fill
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G

AMISTAR (Continued) **1000387982**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930423
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930427
Manifest ID:	92433791
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	D001
Meth Code:	- Not reported
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:	19930423
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930427
Manifest ID:	92433791
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0
Waste Quantity:	0
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:	19930423
Creation Date:	9/7/1995 0:00:00

AMISTAR (Continued) **1000387982**

Receipt Date:	19930427
Manifest ID:	92433791
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
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:	T01 - Treatment, Tank
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:	19930317
Creation Date:	9/1/1995 0:00:00
Receipt Date:	19930319
Manifest ID:	92240520
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
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:	19930126
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930129
Manifest ID:	92240706
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592

AMISTAR (Continued) **1000387982**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
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

CIWQS:

Name:	MUSICAL INSTRUMENT REEDS INTERNATIONAL INC
Address:	1080 LINDA VISTA DR STE A
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	Musical Instrument Reeds International Inc
Agency Address:	1080 Linda Vista Dr Ste A, San Marcos, CA 92078
Place/Project Type:	Industrial - Musical Instruments
SIC/NAICS:	3931
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37NEC009206
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	05/06/2021
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:	0
Violations within 5 years:	0
Latitude:	33.13881
Longitude:	-117.18909

HWTS:

Name:	AMISTAR
Address:	1080 LINDA VISTA DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAD981395882
Inactive Date:	04/15/1994
Create Date:	04/10/1987
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	237 VIA VERA CRUZ
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MARCOS, CA 920690000
Owner Name:	Not reported
Owner Address:	Not reported

AMISTAR (Continued) **1000387982**

Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Contact Name:	INACTIVE PER FEE FORM 6/93
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.138837
Longitude:	-117.188581

J41 **PRECISE MANUFACTURING INC** **RCRA NonGen / NLR** **1024868516**
NNE **1080 LINDA VISTA DR STE C** **CAL000437121**
1/8-1/4 **SAN MARCOS, CA 92078**
0.169 mi.
894 ft. **Site 2 of 8 in cluster J**

Relative: **Higher**

Actual: **537 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20180621
Handler Name:	PRECISE MANUFACTURING INC
Handler Address:	1080 LINDA VISTA DR STE C
Handler City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAL000437121
Contact Name:	JULIE VASQUEZ
Contact Address:	1080 LINDA VISTA DR STE C
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-539-7962
Contact Fax:	Not reported
Contact Email:	PRECISE05@AOL.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:	1080 LINDA VISTA DR STE C
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	ALEJANDRO VASQUEZ
Owner Type:	Other
Operator Name:	JULIE VASQUEZ
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

PRECISE MANUFACTURING INC (Continued) **1024868516**

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:	20180907
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:	ALEJANDRO VASQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1080 LINDA VISTA DR STE C
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-539-7962
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PRECISE MANUFACTURING INC (Continued) **1024868516**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JULIE VASQUEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1080 LINDA VISTA DR STE C
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-539-7962
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180621
Handler Name:	PRECISE MANUFACTURING INC
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

J42 **MIRI CORPORATION** **CERS HAZ WASTE** **S113162566**
NNE **1080 LINDA VISTA DR** **HAZNET** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078** **CERS**
0.169 mi. **HWTS**
894 ft. **Site 3 of 8 in cluster J**

Relative: Higher

Actual: 537 ft.

CERS HAZ WASTE:

Name:	MIRI CORPORATION
Address:	1080 LINDA VISTA DR STE A
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	425259
CERS ID:	10741948
CERS Description:	Hazardous Waste Generator

Name:	MIRI CORPORATION
Address:	1080 LINDA VISTA DR STE A
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	425259
CERS ID:	10741948

MIRI CORPORATION (Continued) **S113162566**

CERS Description: Hazardous Waste Onsite Treatment

HAZNET:

Name:	MIRI CORPORATION
Address:	1080 LINDA VISTA DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92078
Contact:	JOYCE SHAFFER
Telephone:	7607441128
Mailing Name:	Not reported
Mailing Address:	1080 LINDA VISTA DR
Year:	2016
Gepaid:	CAL000369781
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.013
Year:	2016
Gepaid:	CAL000369781
TSD EPA ID:	CAD044429835
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:	0.037
Year:	2012
Gepaid:	CAL000369781
TSD EPA ID:	CAD008302903
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:	0.002
Year:	2012
Gepaid:	CAL000369781
TSD EPA ID:	UTD981552177
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.035
Year:	2012
Gepaid:	CAL000369781
TSD EPA ID:	ARD981057870
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.37
Year:	2011
Gepaid:	CAL000369781
TSD EPA ID:	ARD981057870
CA Waste Code:	272 - Polymeric resin waste
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.27105

MIRI CORPORATION (Continued) **S113162566**

Additional Info:

Year:	2012
Gen EPA ID:	CAL000369781
Shipment Date:	20120413
Creation Date:	12/6/2012 22:15:45
Receipt Date:	20120501
Manifest ID:	009650785JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20120413
Creation Date:	12/6/2012 22:15:45
Receipt Date:	20120501
Manifest ID:	009650785JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20120413
Creation Date:	12/6/2012 22:15:45
Receipt Date:	20120501
Manifest ID:	009650785JJK
Trans EPA ID:	CAR000179747

MIRI CORPORATION (Continued) **S113162566**

Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20120413
Creation Date:	12/6/2012 22:15:45
Receipt Date:	20120501
Manifest ID:	009650785JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20120127
Creation Date:	7/19/2012 22:00:24
Receipt Date:	20120217
Manifest ID:	009650544JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	CAR000179747
Trans 2 Name:	INGENIUM (SAN JOSE)
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009

MIRI CORPORATION (Continued) **S113162566**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
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:	20120127
Creation Date:	12/3/2012 22:16:24
Receipt Date:	20120214
Manifest ID:	009650542JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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:	20120127
Creation Date:	12/3/2012 22:16:24
Receipt Date:	20120214
Manifest ID:	009650542JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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

MIRI CORPORATION (Continued) **S113162566**

Additional Code 5:	Not reported
Shipment Date:	20120127
Creation Date:	12/3/2012 22:16:24
Receipt Date:	20120210
Manifest ID:	009650541JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0075
Waste Quantity:	15
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:	20120127
Creation Date:	12/3/2012 22:16:24
Receipt Date:	20120210
Manifest ID:	009650541JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	CAR000179382
Trans 2 Name:	ENV ENVIRONMENTAL INTERNATIONAL INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.3625
Waste Quantity:	725
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:	20120127
Creation Date:	12/3/2012 22:16:24
Receipt Date:	20120214
Manifest ID:	009650542JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	MAD039322250

MIRI CORPORATION (Continued) **S113162566**

Trans 2 Name:	CLEAN HARBORS ENVIRO
TSDF EPA ID:	UTD981552177
Trans Name:	CLEAN HARBORS ARAGONITE LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
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

Additional Info:

Year:	2011
Gen EPA ID:	CAL000369781
Shipment Date:	20111227
Creation Date:	5/25/2012 20:30:23
Receipt Date:	20120111
Manifest ID:	009311935JJK
Trans EPA ID:	CAR000179747
Trans Name:	INGENIUM (ESCONDIDO)
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMEE EXPRESS INC
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	272 - Polymeric resin waste
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.27105
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

CERS:

Name:	MIRI CORPORATION
Address:	1080 LINDA VISTA DR STE A
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	425259
CERS ID:	10741948
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	425259
Site Name:	Miri Corporation
Violation Date:	08-09-2017

MIRI CORPORATION (Continued) **S113162566**

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:	Returned to compliance on 08/09/2017. Inspection Sequence ID:5778381
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	425259
Site Name:	Miri Corporation
Violation Date:	01-08-2021
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 03/08/2021. Inspection Sequence ID:6235761
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	425259
Site Name:	Miri Corporation
Violation Date:	01-08-2021
Citation:	40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description:	Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes:	Returned to compliance on 03/01/2021. Inspection Sequence ID:6235761
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	425259
Site Name:	Miri Corporation
Violation Date:	01-08-2021
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/26/2021. Inspection Sequence ID:6235761;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	425259
Site Name:	Miri Corporation
Violation Date:	01-08-2021
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Tiered Permitting - Administration/Documentation - General
Violation Notes:	Returned to compliance on 04/14/2021. Inspection Sequence ID:6235761;Tank ID:1;Violation:HMD1711 Inadequate or no written

MIRI CORPORATION (Continued) **S113162566**

inspection schedule for containers, tanks, & equipment (must include inspections for safety and emergency equipment, specify problems checked, and frequency of inspections). For containers: CE: HSC 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 22 CCR 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15 (For tanks, also 22 CCR 66265.195)
Violation Division: San Diego County Department of Env Health
Violation Program: CE
Violation Source: CERS,

Site ID: 425259
Site Name: Miri Corporation
Violation Date: 01-08-2021
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 03/08/2021. Inspection Sequence ID:6235761
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 425259
Site Name: Miri Corporation
Violation Date: 08-09-2017
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 01/12/2018. Inspection Sequence ID:5778381;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905; 68.906, 68.907
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 425259
Site Name: Miri Corporation
Violation Date: 08-09-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 01/12/2018. Inspection Sequence ID:5778381;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 425259
Site Name: Miri Corporation
Violation Date: 01-08-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Tiered Permitting - Administration/Documentation - General
Violation Notes: Returned to compliance on 03/01/2021. Inspection Sequence

MIRI CORPORATION (Continued) **S113162566**

ID:6235761;Tank ID:1;Violation:HMD1712 Inadequate or no records of inspections (must include dates, times, name of inspector, observations, and specifics of needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). CE: HSC 25201.5(d)(4)&(5), 25201.14(c)(1); CA: HSC 25200.3(c)(5)&(7); PBR: 22 CCR 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b),(d)

Violation Division: San Diego County Department of Env Health
Violation Program: CE
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5778381
Eval Division: San Diego County Department of Env Health
Eval Program: CE
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5778381
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6235761
Eval Division: San Diego County Department of Env Health
Eval Program: CE
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6235761
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-09-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5778381
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

MIRI CORPORATION (Continued) **S113162566**

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,

Affiliation Type Desc:	Document Preparer
Entity Name:	Joyce Shaffer
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:	,

Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Joyce Shaffer
Entity Title:	President
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1080 Linda Vista Dr Ste A
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Joyce Shaffer
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:	(760) 744-1128,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Joyce Shaffer
Entity Title:	Not reported
Affiliation Address:	1080 Linda Vista Dr Ste A
Affiliation City:	San Marcos
Affiliation State:	CA

MIRI CORPORATION (Continued) **S113162566**

Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Miri Corporation
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: ,

Affiliation Type Desc: Identification Signer
Entity Name: Joyce Shaffer
Entity Title: Presdient
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Joyce Shaffer
Entity Title: Not reported
Affiliation Address: 1080 Linda Vista Dr Ste A
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 744-1128,

HWTS:
Name: MIRI CORPORATION
Address: 1080 LINDA VISTA DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000369781
Inactive Date: Not reported
Create Date: 12/06/2011
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1080 LINDA VISTA DR STE A
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MARCOS, CA 92078
Owner Name: MIRI CORPORATION
Owner Address: 13395 COOL LAKE WY
Owner Address 2: Not reported
Owner City,State,Zip: SAN DIEGO, CA 92128
Contact Name: JOYCE SHAFFER
Contact Address: 13395 COOL LAKE WY
Contact Address 2: Not reported
City,State,Zip: SAN DIEGO, CA 92128
Facility Status: Active

MIRI CORPORATION (Continued) **S113162566**

Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.138866
Longitude:	-117.189009

NAICS:

EPA ID:	CAL000369781
Create Date:	2021-03-08 14:47:58.343
NAICS Code:	339992
NAICS Description:	Musical Instrument Manufacturing
Issued EPA ID Date:	2011-12-06 11:02:11.17700
Inactive Date:	Not reported
Facility Name:	MIRI CORPORATION
Facility Address:	1080 LINDA VISTA DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92078

J43 **MIRI CORPORATION** **RCRA NonGen / NLR** **1026721417**
NNE **1080 LINDA VISTA DR** **CAL000369781**
1/8-1/4 **SAN MARCOS, CA 92078**
0.169 mi.
894 ft. **Site 4 of 8 in cluster J**

Relative:
Higher

Actual:
537 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20210303
Handler Name:	MIRI CORPORATION	
Handler Address:		1080 LINDA VISTA DR
Handler City,State,Zip:		SAN MARCOS, CA 92078
EPA ID:		CAL000369781
Contact Name:		JOYCE SHAFFER
Contact Address:		COOL LAKE WY
Contact City,State,Zip:		SAN DIEGO, CA 92128
Contact Telephone:		858-602-2776
Contact Fax:		760-744-1128
Contact Email:		JOYCESHAFFER@MSN.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
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:		LINDA VISTA DR STE A
Mailing City,State,Zip:		SAN MARCOS, CA 92078
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		MIRI CORPORATION
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No

MIRI CORPORATION (Continued) **1026721417**

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:	20210308
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:	MIRI CORPORATION

MIRI CORPORATION (Continued) **1026721417**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13395 COOL LAKE WY
Owner/Operator City,State,Zip:	SAN DIEGO, CA 92128
Owner/Operator Telephone:	858-602-2776
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	760-744-1215
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210303
Handler Name: MIRI CORPORATION	
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:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	339992
NAICS Description:	MUSICAL INSTRUMENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

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44 **WELLNESS CHIROPRACTIC** **RCRA NonGen / NLR** **1024875688**
East **940 W SAN MARCOS BLVD #B** **CAL920604946**
1/8-1/4 **SAN MARCOS, CA 92069**
0.174 mi.
920 ft.

Relative:
Higher

Actual:
537 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	19920229
Handler Name: WELLNESS CHIROPRACTIC	
Handler Address:	940 W SAN MARCOS BLVD #B
Handler City,State,Zip:	SAN MARCOS, CA 92069-0000
EPA ID:	CAL920604946
Contact Name:	WENDY LEWKOVICH
Contact Address:	940 W SAN MARCOS BLVD STE B
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-744-1881
Contact Fax:	760-744-2103
Contact Email:	WENDYITZEL@AOL.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported

WELLNESS CHIROPRACTIC (Continued) **1024875688**

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:	940 W SAN MARCOS BLVD STE B
Mailing City,State,Zip:	SAN MARCOS, CA 92078-1120
Owner Name:	GARY N LEWKOVICH DC
Owner Type:	Other
Operator Name:	WENDY LEWKOVICH
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

WELLNESS CHIROPRACTIC (Continued) **1024875688**

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:	20180907
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:	WENDY LEWKOVICH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	940 W SAN MARCOS BLVD STE B
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GARY N LEWKOVICH DC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	940 W SAN MARCOS BLVD STE B
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-0000
Owner/Operator Telephone:	760-744-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19920229
Handler Name: WELLNESS CHIROPRACTIC	
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

WELLNESS CHIROPRACTIC (Continued) **1024875688**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

45
NE
1/8-1/4
0.182 mi.
959 ft.

LARIOS MOBILE AUTO REPAIR **RCRA NonGen / NLR** **1027218952**
1036 COMMERCE ST UNIT E **CAL000470842**
SAN MARCOS, CA 92078

Relative:
Higher

Actual:
540 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20220520
Handler Name:	LARIOS MOBILE AUTO REPAIR
Handler Address:	1036 COMMERCE ST UNIT E
Handler City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAL000470842
Contact Name:	HELADIO LARIOS
Contact Address:	300 WASHINGTON ST B
Contact City,State,Zip:	VISTA, CA 92084
Contact Telephone:	760-216-9485
Contact Fax:	Not reported
Contact Email:	LARIOSRUNNER@HOTMAIL.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:	300 WASHINGTON ST B
Mailing City,State,Zip:	VISTA, CA 92084
Owner Name:	HELADIO LARIOS
Owner Type:	Other
Operator Name:	HELADIO LARIOS
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

LARIOS MOBILE AUTO REPAIR (Continued) **1027218952**

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:	20220523
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:	HELADIO LARIOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 WASHINGTON ST B
Owner/Operator City,State,Zip:	VISTA, CA 92084
Owner/Operator Telephone:	760-216-9485
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HELADIO LARIOS
Legal Status:	Other

LARIOS MOBILE AUTO REPAIR (Continued) **1027218952**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	300 WASHINGTON ST B
Owner/Operator City,State,Zip:	VISTA, CA 92084
Owner/Operator Telephone:	760-216-9485
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220520
Handler Name:	LARIOS MOBILE AUTO REPAIR
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:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

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

J46 **BLACK OXIDE SERVICE INC** **RCRA NonGen / NLR** **1025865388**
NNE **1070 LINDA VISTA DR** **CAD981425952**
1/8-1/4 **SAN MARCOS, CA 92078**
0.186 mi.
980 ft. **Site 5 of 8 in cluster J**

Relative:
Higher

Actual:
538 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	19870410
Handler Name:	BLACK OXIDE SERVICE INC
Handler Address:	1070 LINDA VISTA DR
Handler City,State,Zip:	SAN MARCOS, CA 92078-0000
EPA ID:	CAD981425952
Contact Name:	AUGUST SLIVNIK
Contact Address:	1070 LINDA VISTA DR
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-744-8735
Contact Fax:	760-744-2905
Contact Email:	MONICA@SLI-BOS.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified

BLACK OXIDE SERVICE INC (Continued) **1025865388**

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:	1070 LINDA VISTA DR
Mailing City,State,Zip:	SAN MARCOS, CA 92078-0000
Owner Name:	BLACK OXIDE SERVICE INC
Owner Type:	Other
Operator Name:	AUGUST SLIVNIK
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
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

BLACK OXIDE SERVICE INC (Continued) **1025865388**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20191011
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:	BLACK OXIDE SERVICE INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1070 LINDA VISTA DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-0000
Owner/Operator Telephone:	760-744-8735
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AUGUST SLIVNIK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1070 LINDA VISTA DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-8735
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19870410
Handler Name: BLACK OXIDE SERVICE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	322211
NAICS Description:	CORRUGATED AND SOLID FIBER BOX MANUFACTURING

BLACK OXIDE SERVICE INC (Continued) **1025865388**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J47 **BLACK OXIDE SERVICE, INC** **San Diego Co. HMMD** **1000172866**
NNE **1070 LINDA VISTA DR** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078** **CERS**
0.186 mi.
980 ft. **Site 6 of 8 in cluster J**

Relative:
Higher

Actual:
538 ft.

HMMD SAN DIEGO:

Name:	BLACK OXIDE SERVICE, INC
Address:	1070 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAD981425952
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-744-8735
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	08/25/2021
Facility Owner:	Not reported
Facility Mailing Address:	1070 Linda Vista Dr, San Marcos, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108394
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5538344
Return To Compliance Date:	2016-08-08T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-25T00:00:00.000
Inspection Date:	2016-07-31T13:33:00.000
Violation Code:	HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108394
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5538344
Return To Compliance Date:	2016-08-08T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-25T00:00:00.000
Inspection Date:	2016-07-31T13:33:00.000
Violation Code:	3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f)

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108394
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	5959676
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	001
Last Update:	2021-08-25T00:00:00.000
Inspection Date:	2018-07-27T00:00:00.000
Violation Code:	3250005 Unauthorized treatment of hazardous waste. HSC 25201(a) Tiers CESW/SQT: HSC 25201.5, CEL: HSC 25201.14, CA: HSC 25200.3; or PBR 22 CCR 67450.1

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108394
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5538344
Return To Compliance Date:	2016-10-18T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-25T00:00:00.000
Inspection Date:	2016-07-31T13:33:00.000
Violation Code:	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A)

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108394
Program Element:	Hazardous Waste Generator

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Inspection Type:	Routine
Inspection Number:	5538344
Return To Compliance Date:	2018-02-27T00:00:00.000
Nov:	No
Violation Classification:	Class I
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-25T00:00:00.000
Inspection Date:	2016-07-31T13:33:00.000
Violation Code:	3030005 Failed to make a proper waste determination. 22 CCR 66262.11, 66262.40(c)

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108394
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5538344
Return To Compliance Date:	2016-10-18T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-08-25T00:00:00.000
Inspection Date:	2016-07-31T13:33:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Waste and Materials:

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0177697
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-07-10T02:30:46.000
Chemical Name:	ACETYLENE COMPRESSED GAS
Common Name:	ACETYLENE COMPRESSED GAS
Case Number:	74-86-2

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0177698
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-07-10T02:30:46.000
Chemical Name:	OXYGEN COMPRESSED GAS
Common Name:	OXYGEN COMPRESSED GAS
Case Number:	7782-44-7

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0177695
Trade Secret:	N

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Hazardous Material Type: Mixture
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID SOLUTION
Common Name: ALL PROCESS LINES HCL TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177696
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177694
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: BLACK MAGIC INFUSION POWDER SOLUTION
Common Name: LARGE PROCESS LINE NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152227
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 181 OTHER INORGANIC SOLID WASTE
Common Name: EVAPORATOR SLUDGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152221
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: LARGE STEEL PROCESS LINE NAOH/HCL RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152222
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STAINLESS STEEL PROCESS LINE SODIUM METASILICATE RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152223
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STEEL PROCESS LINE SODIUM METASILICATE RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152224
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 792 LIQUIDS WITH PH=2 WITH METALS
Common Name: LARGE STEEL PROCESS LINE SODIUM METASILICATE RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152225
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 141 OFF-SPECIFICATION, AGED, OR SURPLUS INORGANICS
Common Name: SODIUM NITRITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283789
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283781
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID
Common Name: HYDROCHLORIC (MURIATIC) ACID

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283782
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE
Common Name: BLACK MAGIC SSL
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283783
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE/SODIUM NITRITE
Common Name: BLACK MAGIC INFUSION POWDER
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283784
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: SODIUM METASILICATE
Common Name: MI CLEAN 14
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283785
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: PETROLEUM SOLVENT/OIL BLEND
Common Name: DEOLENE ANTI-RUST 250 (OLYMPUS RUST)
Case Number: 8052-41-3

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283786
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: MACHINE COOLANT
Common Name: HOCUT 795 B MACHINE COOLANT
Case Number: MIXTURE

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283787
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: OXYGEN COMPRESSED GAS
Common Name: OXYGEN COMPRESSED GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283788
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: ACETYLENE COMPRESSED GAS
Common Name: ACETYLENE COMPRESSED GAS
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283790
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID SOLUTION
Common Name: ALL PROCESS LINES HCL TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283791
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: BLACK MAGIC INFUSION POWDER SOLUTION
Common Name: LARGE PROCESS LINE NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283792
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: BLACK MAGIC SSL SOLUTION
Common Name: SMALL PROCESS LINES NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0283793
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: SODIUM METASILICATE SOLUTION
Common Name: ALL PROCESS LINES SODIUM METASILICATE SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0252630
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name: METAL DUST/BLAST WASTE W/PB
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0252631
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: WASTE 181 OTHER INORGANIC SOLID WASTE
Common Name: EVAPORATOR SLUDGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0252632
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-08-25T02:34:19.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOLUTION
Common Name: SAFETY-KLEEN PARTS WASHER WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177692
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: SODIUM METASILICATE SOLUTION
Common Name: ALL PROCESS LINES SODIUM METASILICATE SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177693

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: BLACK MAGIC SSL SOLUTION
Common Name: SMALL PROCESS LINES NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177699
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: MACHINE COOLANT
Common Name: HOCUT 795 B MACHINE COOLANT
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177700
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: PETROLEUM SOLVENT/OIL BLEND
Common Name: DEOLENE ANTI-RUST 250 (OLYMPUS RUST)
Case Number: 8052-41-3

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177701
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: SODIUM METASILICATE
Common Name: MI CLEAN 14
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177702
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE/SODIUM NITRITE
Common Name: BLACK MAGIC INFUSION POWDER
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177703
Trade Secret: N
Hazardous Material Type: Mixture

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Last Updated: 2019-07-10T02:30:46.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE
Common Name: BLACK MAGIC SSL
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177704
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID
Common Name: HYDROCHLORIC (MURIATIC) ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152219
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STAINLESS STEEL PROCESS LINE NAOH/HCL RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152220
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STEEL PROCESS LINE NAOH/HCL RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152226
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOLUTION
Common Name: SAFETY-KLEEN PARTS WASHER WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0152228
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-07-10T02:30:46.000
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Common Name: METAL DUST/BLAST WASTE W/PB
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261121
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID
Common Name: HYDROCHLORIC (MURIATIC) ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0232357
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOLUTION
Common Name: SAFETY-KLEEN PARTS WASHER WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117426
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID
Common Name: HYDROCHLORIC (MURIATIC) ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117427
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE
Common Name: BLACK MAGIC SSL
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117428
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE/SODIUM NITRITE
Common Name: BLACK MAGIC INFUSION POWDER
Case Number: MIXTURE

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0117429
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-06-10T02:30:46.000
Chemical Name:	SODIUM METASILICATE
Common Name:	MI CLEAN 14
Case Number:	MIXTURE

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0117430
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-06-10T02:30:46.000
Chemical Name:	PETROLEUM SOLVENT/OIL BLEND
Common Name:	DEOLENE ANTI-RUST 250 (OLYMPUS RUST)
Case Number:	8052-41-3

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0117431
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-06-10T02:30:46.000
Chemical Name:	MACHINE COOLANT
Common Name:	HOCUT 795 B MACHINE COOLANT
Case Number:	MIXTURE

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0117432
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-06-10T02:30:46.000
Chemical Name:	OXYGEN COMPRESSED GAS
Common Name:	OXYGEN COMPRESSED GAS
Case Number:	7782-44-7

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0117433
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-06-10T02:30:46.000
Chemical Name:	ACETYLENE COMPRESSED GAS
Common Name:	ACETYLENE COMPRESSED GAS
Case Number:	74-86-2

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117434
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117435
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID SOLUTION
Common Name: ALL PROCESS LINES HCL TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117436
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: BLACK MAGIC INFUSION POWDER SOLUTION
Common Name: LARGE PROCESS LINE NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117437
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: BLACK MAGIC SSL SOLUTION
Common Name: SMALL PROCESS LINES NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117438
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: SODIUM METASILICATE SOLUTION
Common Name: ALL PROCESS LINES SODIUM METASILICATE SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098790

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 172 METAL DUST & MACHINING WASTE
Common Name: METAL DUST/BLAST WASTE W/PB
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098791
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 181 OTHER INORGANIC SOLID WASTE
Common Name: EVAPORATOR SLUDGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098792
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOLUTION
Common Name: SAFETY-KLEEN PARTS WASHER WASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098793
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 141 OFF-SPECIFICATION, AGED, OR SURPLUS INORGANICS
Common Name: SODIUM NITRITE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098794
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 792 LIQUIDS WITH PH=2 WITH METALS
Common Name: LARGE STEEL PROCESS LINE SODIUM METASILICATE RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098795
Trade Secret: N
Hazardous Material Type: Not reported

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STEEL PROCESS LINE SODIUM METASILICATE RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098796
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STAINLESS STEEL PROCESS LINE SODIUM METASILICATE RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098797
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: LARGE STEEL PROCESS LINE NAOH/HCL RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098798
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STEEL PROCESS LINE NAOH/HCL RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0098799
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-10T02:30:46.000
Chemical Name: WASTE 121 ALKALINE SOLUTION WITH METALS
Common Name: SMALL STAINLESS STEEL PROCESS LINE NAOH/HCL RINSE DISCHARGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261122
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Common Name: BLACK MAGIC SSL
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261123
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: SODIUM HYDROXIDE/SODIUM NITRATE/SODIUM NITRITE
Common Name: BLACK MAGIC INFUSION POWDER
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261124
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: SODIUM METASILICATE
Common Name: MI CLEAN 14
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261125
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: PETROLEUM SOLVENT/OIL BLEND
Common Name: DEOLENE ANTI-RUST 250 (OLYMPUS RUST)
Case Number: 8052-41-3

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261126
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: MACHINE COOLANT
Common Name: HOCUT 795 B MACHINE COOLANT
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261127
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: OXYGEN COMPRESSED GAS
Common Name: OXYGEN COMPRESSED GAS
Case Number: 7782-44-7

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261128
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: ACETYLENE COMPRESSED GAS
Common Name: ACETYLENE COMPRESSED GAS
Case Number: 74-86-2

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261129
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: ACETONE
Common Name: ACETONE
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261130
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: HYDROCHLORIC (MURIATIC) ACID SOLUTION
Common Name: ALL PROCESS LINES HCL TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261131
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: BLACK MAGIC INFUSION POWDER SOLUTION
Common Name: LARGE PROCESS LINE NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0261132
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-12-18T01:49:17.000
Chemical Name: BLACK MAGIC SSL SOLUTION
Common Name: SMALL PROCESS LINES NAOH TANK SOLUTION
Case Number: MIXTURE

Record ID: DEH2002-HUPFP-108394
Permit Status: Permit Renewed

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0261133
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-12-18T01:49:17.000
Chemical Name:	SODIUM METASILICATE SOLUTION
Common Name:	ALL PROCESS LINES SODIUM METASILICATE SOLUTION
Case Number:	MIXTURE

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0232355
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-12-18T01:49:17.000
Chemical Name:	WASTE 172 METAL DUST & MACHINING WASTE
Common Name:	METAL DUST/BLAST WASTE W/PB
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-108394
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0232356
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-12-18T01:49:17.000
Chemical Name:	WASTE 181 OTHER INORGANIC SOLID WASTE
Common Name:	EVAPORATOR SLUDGE
Case Number:	Not reported

Name:	BLACK OXIDE SERVICE, INC
Address:	1070 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	108394
Business Type:	6HK50
EPA Id Number:	CAD981425952
APN:	219-152-63-00
Last HMMD Inspection:	08/03/2012
Facility Telephone:	760-744-8692
Permit Status:	OPEN
Permit Expiration:	06/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	ADELA SLIVNIK
Facility Mailing Address:	1070 LINDA VISTA DR
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Inventory Active Permits (not SQG Medical):

Permit Number:	108394
Update Date:	11/02/2012
Case Number:	74-86-2
Name:	ACETYLENE COMPRESSED GAS 7)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	108394
Update Date:	11/02/2012
Case Number:	14216-75-2
Name:	BLACK OXIDE TANK (NICKEL PENTRATE
Other Information:	& WATER) : NICKEL NITRATE
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	108394
Update Date:	11/02/2012
Case Number:	Not reported
Name:	CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information:	BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste:	Not reported
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	108394
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	HD SOLUBLE OIL S-45 (WATER SOLUBLE
Other Information:	COOLANT)-55 GAL DRUMS & PROCESS EQUIPMEN
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	108394
Update Date:	11/02/2012
Case Number:	7647-01-0
Name:	HYDROCHLORIC ACID (MURIATIC ACID)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	108394
Update Date:	11/02/2012
Case Number:	108-88-3
Name:	LACQUER THINNER:
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108394
Update Date:	11/02/2012

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Case Number: 7697-37-2
Name: NITRIC ACID 40%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 108394
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108394
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: SAE 15W - 40 MOTOR OIL/RUST PROOF OIL & PE EQUIPMENT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 108394
Update Date: 11/02/2012
Case Number: 1310-73-2
Name: SODIUM HYDROXIDE ALKALINE METAL
Other Information: CLEANER SODIUM METASILICATE (CAS#6834-92-0)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 108394
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 172 METAL DUST & MACHINING WASTE
Other Information: METAL DUST/BLAST WASTE W/PB (181)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108394
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: EVAPORATOR SLUDGE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108394
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: ACETONE/MEK

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 09/28/2004
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 09/28/2004
Violation Code: 6HV0142
Violation: DID NOT NOTIFY OF TIERED PERMITTING
Violation Citation: TIERED PERMITTING: Facility has failed to notify local CUPA and DTSC of eligible onsite treatment of hazardous waste. 25201(a)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 09/28/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 09/28/2004
Violation Code: 6HV1601
Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 09/28/2004
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 07/22/2010
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

materials. 68.905
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 07/22/2010
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 07/22/2010
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 07/22/2010
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 07/22/2010
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 07/22/2010
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 07/22/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Permit Number:	108394
Update Date:	11/02/2012
Inspection Date:	07/22/2010
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Permit Number:	108394
Update Date:	11/02/2012
Inspection Date:	07/22/2010
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	108394
Update Date:	11/02/2012
Inspection Date:	03/15/2006
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108394
Update Date:	11/02/2012
Inspection Date:	03/15/2006
Violation Code:	6HV0216
Violation:	HAZMATS WITHOUT PROPER LABELS
Violation Citation:	Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	108394
Update Date:	11/02/2012
Inspection Date:	08/03/2012
Violation Code:	6HV1018
Violation:	INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation:	Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity:	ACTIVE
Permit Number:	108394
Update Date:	11/02/2012
Inspection Date:	08/03/2012
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108394
Update Date:	11/02/2012
Inspection Date:	08/03/2012
Violation Code:	6HV0225

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 10/04/2007
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 108394
Update Date: 11/02/2012
Inspection Date: 10/04/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

CERS HAZ WASTE:
Name: BLACK OXIDE SERVICE, INC
Address: 1070 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 12583
CERS ID: 10375882
CERS Description: Hazardous Waste Generator

CERS:
Name: BLACK OXIDE SERVICE, INC
Address: 1070 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 12583
CERS ID: 881456
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC
Violation Date: 07-31-2016
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 08/08/2016. Inspection Sequence ID:5538344;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Violation Date:	07-31-2016
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 site map with all required content.
Violation Notes:	Returned to compliance on 10/18/2016. Inspection Sequence ID:5538344
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	12583
Site Name:	BLACK OXIDE SERVICE, INC
Violation Date:	07-31-2016
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 08/08/2016. Inspection Sequence ID:5538344
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	12583
Site Name:	BLACK OXIDE SERVICE, INC
Violation Date:	07-31-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/18/2016. Inspection Sequence ID:5538344
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	12583
Site Name:	BLACK OXIDE SERVICE, INC
Violation Date:	07-27-2018
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	Returned to compliance on 02/08/2019. Container
Violation Division:	San Diego County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS,
Site ID:	12583
Site Name:	BLACK OXIDE SERVICE, INC
Violation Date:	07-31-2016

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

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 02/27/2018. Inspection Sequence ID:5538344
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4095842
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5944313
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5944313
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2016

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5538344
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5538344
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-08-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6172622
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5944313
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-13-2020
Violations Found: No
Eval Type: Construction Storm Water Compliance Evaluation
Eval Notes: Met with Monica: advised on NEC permit requirements because observed some activity of materials being transferred from main building to the adjacent building, which might violate NEC cert.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2020
Violations Found: No

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6484671
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4095842
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Coordinates:
Site ID: 12583
Facility Name: BLACK OXIDE SERVICE, INC
Env Int Type Code: HWG
Program ID: 10375882
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.138990
Longitude: -117.188560

Affiliation:
Affiliation Type Desc: Property Owner
Entity Name: Slivnik Family Trust
Entity Title: Not reported
Affiliation Address: 1070 Linda Vista Drive
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 744-8692,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Entity Name:	Eugene Hotta
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:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Black Oxide Service, Inc.
Entity Title:	Not reported
Affiliation Address:	1070 Linda Vista Drive
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-8735,
Affiliation Type Desc:	Owner/Operator
Entity Name:	Black Oxide Service Inc
Entity Title:	Operator
Affiliation Address:	1070 Linda Vista Dr
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	August Slivnik
Entity Title:	Not reported
Affiliation Address:	1070 Linda Vista Drive
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1070 Linda Vista Dr
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Monica Slivnik
Entity Title:	Office Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: August Slivnik
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: (760) 744-8735,

Affiliation Type Desc: Parent Corporation
Entity Name: BLACK OXIDE SERVICE, 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: ,

Name: BLACK OXIDE SERVICE, INC
Address: 1070 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 12583
CERS ID: 10375882
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC
Violation Date: 07-31-2016
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 08/08/2016. Inspection Sequence ID:5538344;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC
Violation Date: 07-31-2016
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 site map with all required content.
Violation Notes: Returned to compliance on 10/18/2016. Inspection Sequence ID:5538344
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Violation Date: 07-31-2016
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 08/08/2016. Inspection Sequence ID:5538344
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC
Violation Date: 07-31-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/18/2016. Inspection Sequence ID:5538344
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC
Violation Date: 07-27-2018
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes: Returned to compliance on 02/08/2019. Container
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 12583
Site Name: BLACK OXIDE SERVICE, INC
Violation Date: 07-31-2016
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 02/27/2018. Inspection Sequence ID:5538344
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2015

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4095842
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5944313
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5944313
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5538344
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5538344

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-08-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6172622
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-10-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:5944313
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-13-2020
Violations Found: No
Eval Type: Construction Storm Water Compliance Evaluation
Eval Notes: Met with Monica: advised on NEC permit requirements because observed some activity of materials being transferred from main building to the adjacent building, which might violate NEC cert.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-16-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6484671
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-16-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4095842
Eval Division: San Diego County Department of Env Health

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:5959676
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Coordinates:
Site ID: 12583
Facility Name: BLACK OXIDE SERVICE, INC
Env Int Type Code: HWG
Program ID: 10375882
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.138990
Longitude: -117.188560

Affiliation:
Affiliation Type Desc: Property Owner
Entity Name: Slivnik Family Trust
Entity Title: Not reported
Affiliation Address: 1070 Linda Vista Drive
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 744-8692,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Eugene Hotta
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: ,

Affiliation Type Desc: Legal Owner
Entity Name: Black Oxide Service, Inc.
Entity Title: Not reported

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Affiliation Address:	1070 Linda Vista Drive
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-8735,
Affiliation Type Desc:	Owner/Operator
Entity Name:	Black Oxide Service Inc
Entity Title:	Operator
Affiliation Address:	1070 Linda Vista Dr
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	August Slivnik
Entity Title:	Not reported
Affiliation Address:	1070 Linda Vista Drive
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1070 Linda Vista Dr
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Monica Slivnik
Entity Title:	Office Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	August Slivnik
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:	(760) 744-8735,

BLACK OXIDE SERVICE, INC (Continued) **1000172866**

Affiliation Type Desc:	Parent Corporation
Entity Name:	BLACK OXIDE SERVICE, 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:	,

48
ENE
1/8-1/4
0.188 mi.
995 ft.

NO. CO. HEALTH SVCS. SAN MARCOS LOT **ENVIROSTOR** **S118756864**
BOARDWALK & PARK PLACE **N/A**
SAN MARCOS, CA 92069

Relative:
Higher

Actual:
538 ft.

ENVIROSTOR:

Name:	NO. CO. HEALTH SVCS. SAN MARCOS LOT
Address:	BOARDWALK & PARK PLACE
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	37800068
Status:	No Action Required
Status Date:	08/30/1995
Site Code:	400524
Site Type:	Calmortgage
Site Type Detailed:	Calmortgage
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	William Beckman
Division Branch:	Cleanup Sacramento
Assembly:	75
Senate:	38
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	CalMortgage
Latitude:	33.13611
Longitude:	-117.1872
APN:	NONE SPECIFIED
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	400524
Alias Type:	Project Code (Site Code)
Alias Name:	37800068
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	08/30/1995
Comments:	Pursuant to the MOU, DTSC has prepared a Phase I Environmental

NO. CO. HEALTH SVCS. SAN MARCOS LOT (Continued) **S118756864**

Assessment for the North County Health Services (NCHS). The subject properties are vacant, undeveloped lots owned by NCHS which are located in the city of San Marcos. No development of the lots is being proposed at this time. A Phase I Report was prepared by DTSC and concluded that no action was needed for this property; there is no contamination on the property.

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

J49 **SO CAL TRIKE CENTER** **RCRA NonGen / NLR** **1024811866**
NNE **1050 LINDA VISTA DR STE B** **CAL000296994**
1/8-1/4 **SAN MARCOS, CA 92078**
0.199 mi.
1050 ft. **Site 7 of 8 in cluster J**

Relative: **Higher**

Actual: **540 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20050728
Handler Name:	SO CAL TRIKE CENTER	
Handler Address:		1050 LINDA VISTA DR STE B
Handler City,State,Zip:		SAN MARCOS, CA 92078
EPA ID:		CAL000296994
Contact Name:		RIX EDEN
Contact Address:		1050 LINDA VISTA DRIVE
Contact City,State,Zip:		SAN MARCOS, CA 92078
Contact Telephone:		760-744-1688
Contact Fax:		760-301-0089
Contact Email:		THETRIKEGUY@SOCALTRIKECENTER.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:		1050 LINDA VISTA DRIVE
Mailing City,State,Zip:		SAN MARCOS, CA 92078-0000
Owner Name:		RIX EDEN
Owner Type:		Other
Operator Name:		RIX EDEN
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

SO CAL TRIKE CENTER (Continued) **1024811866**

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:	20180905
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:	RIX EDEN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1050 LINDA VISTA DRIVE

SO CAL TRIKE CENTER (Continued) **1024811866**

Owner/Operator City,State,Zip: SAN MARCOS, CA 92078
Owner/Operator Telephone: 760-744-1688
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RIX EDEN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1050 LINDA VISTA DRIVE
Owner/Operator City,State,Zip: SAN MARCOS, CA 92078-0000
Owner/Operator Telephone: 760-744-1688
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20050728
Handler Name: SO CAL TRIKE CENTER
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: 336991
NAICS Description: MOTORCYCLE, BICYCLE, AND PARTS MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

J50 **DUSK TO DAWN MOTOCYCLE SERVICE** **San Diego Co. HMMD** **S106060616**
NNE **1050 LINDA VISTA DR** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069** **CERS**
0.199 mi.
1050 ft. **Site 8 of 8 in cluster J**

Relative:
Higher

Actual:
540 ft.

HMMD SAN DIEGO:
Name: DUSK TO DAWN MOTOCYCLE SERVICE
Address: 1050 LINDA VISTA DR B
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000296994

DUSK TO DAWN MOTOCYCLE SERVICE (Continued) **S106060616**

APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-744-1688
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	07/30/2021
Facility Owner:	Not reported
Facility Mailing Address:	1050 LINDA VISTA DR #B, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2006-HUPFP-206608
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-206608
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5869374
Return To Compliance Date:	2018-01-18T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-30T00:00:00.000
Inspection Date:	2018-01-18T17:51:46.000
Violation Code:	3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Record ID:	DEH2006-HUPFP-206608
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-206608
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6361957
Return To Compliance Date:	2020-02-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-30T00:00:00.000
Inspection Date:	2020-02-18T00:00:00.000
Violation Code:	HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a)

Record ID:	DEH2006-HUPFP-206608
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-206608
Program Element:	Hazardous Waste Generator

DUSK TO DAWN MOTOCYCLE SERVICE (Continued) **S106060616**

Inspection Type:	Routine
Inspection Number:	6361957
Return To Compliance Date:	2020-02-18T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-30T00:00:00.000
Inspection Date:	2020-02-18T00:00:00.000
Violation Code:	3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)

Waste and Materials:

Record ID:	DEH2006-HUPFP-206608
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2014-HWAST-0032132
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-30T02:43:58.000
Chemical Name:	WASTE 221 WASTE OIL & MIXED OIL
Common Name:	USED OIL
Case Number:	Not reported

Name:	ORION CHEMICAL
Address:	1050 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	107384
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	219-152-64-00
Last HMMD Inspection:	Not reported
Facility Telephone:	Not reported
Permit Status:	INAC
Permit Expiration:	Not reported
Date Last Updated:	11/02/2012
Facility Owner:	Not reported
Facility Mailing Address:	Not reported
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	DUSK TO DAWN MOTOCYCLE SERVICE
Address:	1050 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	206608
Business Type:	6HK18
EPA Id Number:	Not reported
APN:	219-152-64-00

DUSK TO DAWN MOTOCYCLE SERVICE (Continued) **S106060616**

Last HMMD Inspection:	04/12/2011
Facility Telephone:	760-744-1688
Permit Status:	OPEN
Permit Expiration:	08/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	RIX M EDEN
Facility Mailing Address:	1050 LINDA VISTA DR #B
Facility Mailing City:	San Marcos
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	206608
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	206608
Update Date:	11/02/2012
Inspection Date:	04/12/2011
Violation Code:	6HV0149
Violation:	NO RECEIPTS (3 YRS) FOR OIL/FUEL FILTERS
Violation Citation:	Failed to keep disposal receipts (3 years) for drained used oil filters and/or drained fuel filters. 25250.22 and 66266.130(c)(5)
Activity:	ACTIVE

Permit Number:	206608
Update Date:	11/02/2012
Inspection Date:	09/29/2006
Violation Code:	6HV0131
Violation:	UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation:	A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity:	ACTIVE

CERS HAZ WASTE:

Name:	DUSK TO DAWN MOTOCYCLE SERVICE
Address:	1050 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	113016
CERS ID:	10376212
CERS Description:	Hazardous Waste Generator

DUSK TO DAWN MOTOCYCLE SERVICE (Continued) **S106060616**

CERS:
Name: DUSK TO DAWN MOTOCYCLE SERVICE
Address: 1050 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Site ID: 113016
CERS ID: 10376212
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 113016
Site Name: DUSK TO DAWN MOTOCYCLE SERVICE
Violation Date: 01-18-2018
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 01/18/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 113016
Site Name: DUSK TO DAWN MOTOCYCLE SERVICE
Violation Date: 02-18-2020
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 02/20/2020. Inspection Sequence ID:6361957;Violation:HMD0305 Disposed of used oil illegally. HSC 25250.5(a), 25189.5(a)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 113016
Site Name: DUSK TO DAWN MOTOCYCLE SERVICE
Violation Date: 02-18-2020
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 02/18/2020. Inspection Sequence ID:6361957
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2020
Violations Found: Yes

DUSK TO DAWN MOTOCYCLE SERVICE (Continued) **S106060616**

Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Valdez Kevin Inspection ID:6361957
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-18-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5869374
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-17-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5419931
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-17-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:5218828
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1050 LINDA VISTA DR #B
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	RIX M EDEN
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:	(760) 744-1688,
Affiliation Type Desc:	Identification Signer
Entity Name:	Rix Eden
Entity Title:	Owner

DUSK TO DAWN MOTOCYCLE SERVICE (Continued) **S106060616**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	DUSK TO DAWN MOTOCYCLE SERVICE
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:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Document Preparer
Entity Name:	Rix Eden
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:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Rix Eden
Entity Title:	Not reported
Affiliation Address:	1050 Linda Vista Drive Suite #B
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-1688,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Rix Eden
Entity Title:	Not reported
Affiliation Address:	1050 Linda Vista Drive Suite #B
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

51
WNW
1/8-1/4
0.201 mi.
1062 ft.

WW GRAINGER 721
1321 LINDA VISTA DR
SAN MARCOS, CA 92078

RCRA NonGen / NLR

1024821069
CAL000335875

Relative:
Higher

Actual:
533 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20080828
Handler Name:	WW GRAINGER 721	
Handler Address:		1321 LINDA VISTA DR
Handler City,State,Zip:		SAN MARCOS, CA 92078-3804
EPA ID:		CAL000335875
Contact Name:		ERIC POWLEY
Contact Address:		100 GRAINGER PARKWAY
Contact City,State,Zip:		LAKE FOREST, IL 60045-5201
Contact Telephone:		847-535-0660
Contact Fax:		847-535-4005
Contact Email:		ERIC.POWLEY@GRAINGER.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:		2261 RINGWOOD AVE
Mailing City,State,Zip:		SAN JOSE, CA 95131-1717
Owner Name:		WW GRAINGER INC
Owner Type:		Other
Operator Name:		ERIC POWLEY
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

WW GRAINGER 721 (Continued) **1024821069**

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:	20180905
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:	ERIC POWLEY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	100 GRAINGER PARKWAY
Owner/Operator City,State,Zip:	LAKE FOREST, IL 60045-5201
Owner/Operator Telephone:	847-535-0660
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WW GRAINGER INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	100 GRAINGER PKWY
Owner/Operator City,State,Zip:	LAKE FOREST, IL 60045
Owner/Operator Telephone:	847-535-0661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

WW GRAINGER 721 (Continued) **1024821069**

Historic Generators:
Receive Date: 20080828
Handler Name: WW GRAINGER 721
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: 42161
NAICS Description: ELECTRICAL APPARATUS AND EQUIPMENT, WIRING SUPPLIES, AND CONSTRUCTION MATERIAL WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K52 **CHEVRON STATION #202870/1835** **UST** **U004347338**
WSW **1200 W SAN MARCOS BLVD** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069**
0.215 mi.
1133 ft. **Site 1 of 8 in cluster K**

Relative: UST:
Lower
Name: CHEVRON STATION #202870/1835
Actual: Address: 1200 W SAN MARCOS BLVD
524 ft. City,State,Zip: SAN MARCOS, CA 92069
Facility ID: 37-000-132343
Permitting Agency: San Diego County Department of Environmental Health
CERSID: 10375792
Latitude: 33.13343
Longitude: -117.19464

K53 **CHEVRON USA #202870** **San Diego Co. HMMD** **S106063513**
WSW **1200 W SAN MARCOS BLVD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078** **CERS TANKS**
0.215 mi. **CERS**
1133 ft. **Site 2 of 8 in cluster K**

Relative: HMMD SAN DIEGO:
Lower
Name: CHEVRON USA #202870
Actual: Address: 1200 W SAN MARCOS BLVD
524 ft. City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 132343
Business Type: 6HK28

CHEVRON USA #202870 (Continued) **S106063513**

EPA Id Number: CAL000118356
APN: 219-210-36-00
Last HMMD Inspection: 09/18/2012
Facility Telephone: 760-471-9190
Permit Status: OPEN
Permit Expiration: 10/31/2013
Date Last Updated: 11/02/2012
Facility Owner: CHEVRON PRODUCTS COMPANY
Facility Mailing Address: PO BOX 6004
Facility Mailing City: SAN RAMON
Facility Mailing State: CA
Facility Mailing Zip: 94583
UST Owner: CHEVRON PRODUCTS CO - ATTN: HES PERMIT DESK
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 132343
Update Date: 11/02/2012
Case Number: MIXTURE
Name: CITRUS SHINE WAX:
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 132343
Update Date: 11/02/2012
Case Number: MIXTURE
Name: ECOLAB: BLUE CORAL VELOCITY CLEAR COAT PROTECTANT
Other Information: CARWASH MAINTENANCE PRODUCT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 132343
Update Date: 11/02/2012
Case Number: MIXTURE
Name: ECOLAB: CLING & CLEAN
Other Information: CARWASH CLEANING PRODUCT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 132343
Update Date: 11/02/2012
Case Number: Not reported
Name: MIDGRADE UNLEADED
Other Information: UNDERGROUND TANK 132343 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 132343

CHEVRON USA #202870 (Continued) **S106063513**

Update Date:	11/02/2012
Case Number:	86290-81-5
Name:	PREMIUM UNLEADED
Other Information:	UNDERGROUND TANK 132343 T003
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	132343
Update Date:	11/02/2012
Case Number:	Not reported
Name:	RAIN X ON-LINE PROTECTANT
Other Information:	WATER REPELLENT
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	132343
Update Date:	11/02/2012
Case Number:	86290-81-5
Name:	REGULAR UNLEADED
Other Information:	UNDERGROUND TANK 132343 T001
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	132343
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	RYKO COLD PRO: SOAP
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	132343
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information:	OILY WATER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	132343
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information:	USED FUEL FILTERS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/11/2007

CHEVRON USA #202870 (Continued) **S106063513**

Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/11/2007
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/11/2007
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/18/2009
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/18/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/18/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012

CHEVRON USA #202870 (Continued) **S106063513**

Inspection Date: 09/18/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/01/2010
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/01/2010
Violation Code: 6HV3193
Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation: Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/01/2010
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3107
Violation: MONITORING PROCEDURES NOT AVAIL/TO HMD
Violation Citation: Monitoring procedures not available/complete/submitted to HMD 2632(b)& (d), 2634(d), 2641(h), 2711(a)(9)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3108
Violation: UST ER RESPONSE PLAN NOT COMPLETE/AVAIL
Violation Citation: Emergency Response Plan is not available/complete. 25289(b); 2632(b), 2634(e), 2641(h)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3109

CHEVRON USA #202870 (Continued) **S106063513**

Violation:	NO SCALED PLOT PLAN AVAIL/TO HMD
Violation Citation:	Scaled Plot plan showing tank, piping & equipment location not available/complete/submitted to HMD. 2711(a)(8), 2632(d)(1) (C)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/09/2004
Violation Code:	6HV3255
Violation:	SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation:	Spill container is not in good condition and/or liquid free. 2635(b)(1), 2636(a)(1)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/09/2004
Violation Code:	6HV3257
Violation:	2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation:	Secondary containment system components not liquid free. 2631(d)(4)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/08/2006
Violation Code:	6HV0205
Violation:	WASTE CONTAINER: POOR CONDITION
Violation Citation:	Failed to transfer hazardous waste from a container that leaked or was in poor condition to another container in good condition. CCR 66265.171
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/08/2006
Violation Code:	6HV3105
Violation:	NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation:	Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2003
Violation Code:	6HV3113
Violation:	2NDRY CONT TEST NOT SENT TO CUPA
Violation Citation:	Secondary Containment testing not submitted to CUPA within 30 days. 2637(a)(4)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2003
Violation Code:	6HV0135
Violation:	MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation:	Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a)

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	& 25160.2(b)(3)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2005
Violation Code:	6HV3114
Violation:	2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation:	Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2005
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/02/2008
Violation Code:	6HV3105
Violation:	NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation:	Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity:	ACTIVE

UST:

UST Name:	UNDERGROUND TANK 132343 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	132343
Tank Type:	DOUBLE WALL
Additional Id:	NT1817, RT3454, RT3686, RT4144,RT5651
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1996-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 132343 T002
Last Update:	2012-11-02 14:17:38
Permit Number:	132343
Tank Type:	DOUBLE WALL
Additional Id:	NT1817, RT3454, RT3686, RT4144,RT5651
Capacity Gallons:	12000
UST Contents:	MIDGRADE UNLEADED
Other Content Info:	MIDGRADE UNLEADED

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Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1996-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31A
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ POSITIVE SHUT-OFF
UST Name:	UNDERGROUND TANK 132343 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	132343
Tank Type:	DOUBLE WALL
Additional Id:	NT1817, RT3454, RT3686, RT4144,RT5651
Capacity Gallons:	12000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	SUPER UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1996-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	01
UST Monitor Method:	SW TANK SW SUCTION PIPE W/ SIRS: SIR DATA ANALYSIS MONTHLY, TANK TEST BIENNIALLY, PIPE TEST TRIENNIALLY
Name:	CHEVRON USA #202870
Address:	1200 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	132343
Business Type:	6HK28
EPA Id Number:	CAL000118356
APN:	219-210-36-00
Last HMMD Inspection:	09/18/2012
Facility Telephone:	760-471-9190
Permit Status:	OPEN
Permit Expiration:	10/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	CHEVRON PRODUCTS COMPANY
Facility Mailing Address:	PO BOX 6004
Facility Mailing City:	SAN RAMON
Facility Mailing State:	CA
Facility Mailing Zip:	94583
UST Owner:	CHEVRON PRODUCTS CO - ATTN: HES PERMIT DESK
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Y
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	132343
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	CITRUS SHINE WAX:
Other Information:	Not reported

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Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	132343
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	ECOLAB: BLUE CORAL VELOCITY CLEAR COAT PROTECTANT
Other Information:	CARWASH MAINTENANCE PRODUCT
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	132343
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	ECOLAB: CLING & CLEAN
Other Information:	CARWASH CLEANING PRODUCT
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	132343
Update Date:	11/02/2012
Case Number:	Not reported
Name:	MIDGRADE UNLEADED
Other Information:	UNDERGROUND TANK 132343 T002
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	132343
Update Date:	11/02/2012
Case Number:	86290-81-5
Name:	PREMIUM UNLEADED
Other Information:	UNDERGROUND TANK 132343 T003
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	132343
Update Date:	11/02/2012
Case Number:	Not reported
Name:	RAIN X ON-LINE PROTECTANT
Other Information:	WATER REPELLENT
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	132343
Update Date:	11/02/2012
Case Number:	86290-81-5
Name:	REGULAR UNLEADED
Other Information:	UNDERGROUND TANK 132343 T001
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

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Permit Number: 132343
Update Date: 11/02/2012
Case Number: MIXTURE
Name: RYKO COLD PRO: SOAP
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 132343
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information: OILY WATER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 132343
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: USED FUEL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/11/2007
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/11/2007
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/11/2007
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

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Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/18/2009
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE

Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/18/2009
Violation Code:	6HV3252
Violation:	AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation:	All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity:	ACTIVE

Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/18/2009
Violation Code:	6HV3252
Violation:	AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation:	All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity:	ACTIVE

Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/18/2009
Violation Code:	6HV3252
Violation:	AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation:	All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity:	ACTIVE

Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/01/2010
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE

Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/01/2010
Violation Code:	6HV3193
Violation:	NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation:	Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity:	ACTIVE

Permit Number:	132343

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Update Date: 11/02/2012
Inspection Date: 09/01/2010
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3107
Violation: MONITORING PROCEDURES NOT AVAIL/TO HMD
Violation Citation: Monitoring procedures not available/complete/submitted to HMD 2632(b)& (d), 2634(d), 2641(h), 2711(a)(9)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3108
Violation: UST ER RESPONSE PLAN NOT COMPLETE/AVAIL
Violation Citation: Emergency Response Plan is not available/complete. 25289(b); 2632(b), 2634(e), 2641(h)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3109
Violation: NO SCALED PLOT PLAN AVAIL/TO HMD
Violation Citation: Scaled Plot plan showing tank, piping & equipment location not available/complete/submitted to HMD. 2711(a)(8), 2632(d)(1) (C)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3255
Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free. 2635(b)(1), 2636(a)(1)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/09/2004
Violation Code: 6HV3257
Violation: 2NDRY CONTAINMENT NOT LIQUID FREE
Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)
Activity: ACTIVE

Permit Number: 132343
Update Date: 11/02/2012
Inspection Date: 09/08/2006
Violation Code: 6HV0205
Violation: WASTE CONTAINER: POOR CONDITION

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Violation Citation:	Failed to transfer hazardous waste from a container that leaked or was in poor condition to another container in good condition. CCR 66265.171
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/08/2006
Violation Code:	6HV3105
Violation:	NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation:	Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2003
Violation Code:	6HV3113
Violation:	2NDRY CONT TEST NOT SENT TO CUPA
Violation Citation:	Secondary Containment testing not submitted to CUPA within 30 days. 2637(a)(4)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2003
Violation Code:	6HV0135
Violation:	MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation:	Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2005
Violation Code:	6HV3114
Violation:	2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation:	Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/16/2005
Violation Code:	6HV3411
Violation:	LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity:	ACTIVE
Permit Number:	132343
Update Date:	11/02/2012
Inspection Date:	09/02/2008
Violation Code:	6HV3105
Violation:	NO CURRENT FINANCIAL RESPONSIBILITY

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Violation Citation: Current evidence of financial responsibility not available.
25292.2(a), 25299.33; 2809
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 132343 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 132343
Tank Type: DOUBLE WALL
Additional Id: NT1817, RT3454, RT3686, RT4144,RT5651
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1996-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 132343 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 132343
Tank Type: DOUBLE WALL
Additional Id: NT1817, RT3454, RT3686, RT4144,RT5651
Capacity Gallons: 12000
UST Contents: MIDGRADE UNLEADED
Other Content Info: MIDGRADE UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1996-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 31A
UST Monitor Method: DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ POSITIVE SHUT-OFF

UST Name: UNDERGROUND TANK 132343 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 132343
Tank Type: DOUBLE WALL
Additional Id: NT1817, RT3454, RT3686, RT4144,RT5651
Capacity Gallons: 12000
UST Contents: PREMIUM UNLEADED
Other Content Info: SUPER UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1996-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 01
UST Monitor Method: SW TANK SW SUCTION PIPE W/ SIRS: SIR DATA ANALYSIS MONTHLY, TANK TEST BIENNIALLY, PIPE TEST TRIENNIALLY

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Name:	CHEVRON STATION #202870/1835
Address:	1200 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAR000118356
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-471-9190
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	09/17/2021
Facility Owner:	Not reported
Facility Mailing Address:	P.O. Box 6004 Attn: HES Permit Desk, SAN RAMON, CA 94583
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	Y
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5160897
Return To Compliance Date:	2015-09-01T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	28802
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2015-09-01T12:13:57.000
Violation Code:	2030026 Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. 23 CCR 2636(f)(2)

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5483053
Return To Compliance Date:	2016-08-30T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	28802
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2016-08-30T14:14:00.000
Violation Code:	2030025 (RD) Failure of the pressurized piping to meet one or more of

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the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow or product through the piping or trigger an alarm when a release occurs. 23 CCR 2636(f)(2)

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5957658
Return To Compliance Date:	2018-08-28T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	28801
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2018-08-28T12:57:00.000
Violation Code:	2060020 (RP) Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket, have a minimum capacity of 5 gallons, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion. 23 CCR 2635(b), 2665

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5957658
Return To Compliance Date:	2018-11-15T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	28801
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2018-08-28T12:57:00.000
Violation Code:	2030025 (RD) Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly. with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected. 23 CCR 2636(f)(2)

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5160897
Return To Compliance Date:	2015-09-01T00:00:00.000
Nov:	No
Violation Classification:	Class II

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Underground Storage Tank Id:	28802
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2015-09-01T12:13:57.000
Violation Code:	2060020 (RP) Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion. 23 CCR 2635(b), 2665
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	4970415
Return To Compliance Date:	2014-09-05T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	28800
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2014-09-05T14:59:00.000
Violation Code:	2060020 Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5709011
Return To Compliance Date:	2017-08-29T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	28801
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2017-08-29T15:57:00.000
Violation Code:	2030013 Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained. 23 CCR 2715(c)
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed

CHEVRON USA #202870 (Continued) **S106063513**

Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	6225291
Return To Compliance Date:	2019-08-08T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	28802
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2019-08-08T16:23:58.000
Violation Code:	2060020 (TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	6474849
Return To Compliance Date:	2021-05-26T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	28802
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2020-08-05T00:00:00.000
Violation Code:	2060020 (TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Program Element:	Underground Storage Tank

CHEVRON USA #202870 (Continued) **S106063513**

Inspection Type:	Routine
Inspection Number:	5709011
Return To Compliance Date:	2017-08-29T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	28800
Container/Tank Id:	Not reported
Last Update:	2021-09-17T00:00:00.000
Inspection Date:	2017-08-29T15:57:00.000
Violation Code:	2060020 (RP) Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket, have a minimum capacity of 5 gallons, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion. 23 CCR 2635(b), 2665

UST DTL:

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Facility Type (Ust Facility):	Motor Vehicle Fueling
Tank Owner Name:	CHEVRON STATION #202870/1835
Tankid:	28800
Tank Status:	Active
Date Ust Permanently Closed:	Not reported
Tank Use:	1a
Piping System Type:	Pressure
Last Updated:	2021-09-17T02:36:26.000
Tank Capacityin Gallons:	12000
Tank Contents:	Regular Unleaded
Type Of Tank:	Double Wall

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Facility Type (Ust Facility):	Motor Vehicle Fueling
Tank Owner Name:	CHEVRON STATION #202870/1835
Tankid:	28801
Tank Status:	Active
Date Ust Permanently Closed:	Not reported
Tank Use:	1a
Piping System Type:	Pressure
Last Updated:	2021-09-17T02:36:26.000
Tank Capacityin Gallons:	12000
Tank Contents:	Diesel
Type Of Tank:	Double Wall

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-132343
Facility Type (Ust Facility):	Motor Vehicle Fueling
Tank Owner Name:	CHEVRON STATION #202870/1835
Tankid:	28802
Tank Status:	Active

CHEVRON USA #202870 (Continued) **S106063513**

Date Ust Permanently Closed: Not reported
Tank Use: 1a
Piping System Type: Pressure
Last Updated: 2021-09-17T02:36:26.000
Tank Capacityin Gallons: 12000
Tank Contents: Premium Unleaded
Type Of Tank: Double Wall

Waste and Materials:

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0161205
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:46:50.000
Chemical Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0265740
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-09-30T02:36:05.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236176
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-30T02:36:05.000
Chemical Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236178
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-30T02:36:05.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297940

CHEVRON USA #202870 (Continued) **S106063513**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-05-04T01:31:40.000
Chemical Name: Unleaded Gasoline - Petroleum Hydrocarbons
Common Name: Unleaded Gasoline - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297941
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-05-04T01:31:40.000
Chemical Name: Diesel Fuel - Middle Distillates
Common Name: Diesel Fuel - Middle Distillates
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0297942
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-05-04T01:31:40.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265889
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-04T01:31:40.000
Chemical Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265890
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-04T01:31:40.000
Chemical Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0265891
Trade Secret: N
Hazardous Material Type: Not reported

CHEVRON USA #202870 (Continued) **S106063513**

Last Updated: 2021-05-04T01:31:40.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0265738
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-09-30T02:36:05.000
Chemical Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Common Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300726
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-06-02T03:23:24.000
Chemical Name: Unleaded Gasoline - Petroleum Hydrocarbons
Common Name: Unleaded Gasoline - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300727
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-06-02T03:23:24.000
Chemical Name: Diesel Fuel - Middle Distillates
Common Name: Diesel Fuel - Middle Distillates
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300728
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-06-02T03:23:24.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0268440
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-02T03:23:25.000
Chemical Name: Spill Bucket/Sump Water - Waste Gasoline/Water

CHEVRON USA #202870 (Continued) **S106063513**

Common Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0268441
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-02T03:23:25.000
Chemical Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0268442
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-06-02T03:23:25.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0186244
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:46:50.000
Chemical Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Common Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0186245
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:46:50.000
Chemical Name: Diesel Fuel - Middle Distillates
Common Name: Diesel Fuel - Middle Distillates
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0186246
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-28T17:46:50.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

CHEVRON USA #202870 (Continued) **S106063513**

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0161204
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:46:50.000
Chemical Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0161206
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-28T17:46:50.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0236177
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-09-30T02:36:05.000
Chemical Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300836
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-09-17T02:36:26.000
Chemical Name: Unleaded Gasoline - Petroleum Hydrocarbons
Common Name: Unleaded Gasoline - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300837
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-09-17T02:36:26.000
Chemical Name: Diesel Fuel - Middle Distillates
Common Name: Diesel Fuel - Middle Distillates
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed

CHEVRON USA #202870 (Continued) **S106063513**

Active Permit: Y
Child Record Id: DEH2021-HWAST-0268572
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-17T02:36:26.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0265737
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-09-30T02:36:05.000
Chemical Name: Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Common Name: Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226628
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-26T02:36:33.000
Chemical Name: Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Common Name: Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226629
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-26T02:36:33.000
Chemical Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Common Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226630
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-26T02:36:33.000
Chemical Name: Diesel Fuel - Middle Distillates
Common Name: Diesel Fuel - Middle Distillates
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226631

CHEVRON USA #202870 (Continued) **S106063513**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-26T02:36:33.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0196163
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-26T02:36:33.000
Chemical Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0196164
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-26T02:36:33.000
Chemical Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0196165
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-09-26T02:36:33.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0262837
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-05-08T07:41:30.000
Chemical Name: Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Common Name: Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0262838
Trade Secret: N
Hazardous Material Type: Mixture

CHEVRON USA #202870 (Continued) **S106063513**

Last Updated:	2020-05-08T07:41:30.000
Chemical Name:	Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Common Name:	Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Case Number:	86290-81-5
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0262839
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-05-08T07:41:30.000
Chemical Name:	Diesel Fuel - Middle Distillates
Common Name:	Diesel Fuel - Middle Distillates
Case Number:	68476-34-6
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0262840
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-05-08T07:41:30.000
Chemical Name:	MA-3 Shampoo - Carwash Cleaning Product
Common Name:	MA-3 Shampoo - Carwash Cleaning Product
Case Number:	Mixture
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0233676
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-05-08T07:41:30.000
Chemical Name:	Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name:	Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0233677
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-05-08T07:41:30.000
Chemical Name:	Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name:	Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0233678
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-05-08T07:41:30.000
Chemical Name:	Used Filters, Hoses and Nozzles - Waste Metal Solids

CHEVRON USA #202870 (Continued) **S106063513**

Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0103659
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-03-03T01:22:03.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0085584
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-03-03T01:22:04.000
Chemical Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0085585
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-03-03T01:22:04.000
Chemical Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0085586
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-03-03T01:22:04.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0300838
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-09-17T02:36:26.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

CHEVRON USA #202870 (Continued) **S106063513**

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0268570
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-09-17T02:36:26.000
Chemical Name:	Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name:	Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0268571
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-09-17T02:36:26.000
Chemical Name:	Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name:	Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0186243
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-01-28T17:46:50.000
Chemical Name:	Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Common Name:	Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Case Number:	86290-81-5

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149233
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-05-18T00:45:27.000
Chemical Name:	Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Common Name:	Regular Unleaded Gasoline (87 Octane) - Petroleum Hydrocarbons
Case Number:	86290-81-5

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149234
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-05-18T00:45:27.000
Chemical Name:	Mid-Grade Unleaded Gasoline (89 Octane) - Petroleum Hydrocarbons
Common Name:	Mid-Grade Unleaded Gasoline (89 Octane) - Petroleum Hydrocarbons
Case Number:	86290-81-5

Record ID:	DEH2002-HUPFP-132343
Permit Status:	Permit Renewed

CHEVRON USA #202870 (Continued) **S106063513**

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149235
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-18T00:45:27.000
Chemical Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Common Name: Supreme Unleaded Gasoline (91 Octane) - Petroleum Hydrocarbons
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149236
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-18T00:45:27.000
Chemical Name: MA-3 Shampoo - Carwash Cleaning Product
Common Name: MA-3 Shampoo - Carwash Cleaning Product
Case Number: Mixture

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0127585
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-18T00:45:27.000
Chemical Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Common Name: Spill Bucket/Sump Water - Waste Gasoline/Water
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0127586
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-18T00:45:27.000
Chemical Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Common Name: Absorbent Spill Pads - Waste Polypropylene Absorbent Spill Pads
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0127587
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-18T00:45:27.000
Chemical Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Common Name: Used Filters, Hoses and Nozzles - Waste Metal Solids
Case Number: Not reported

Record ID: DEH2002-HUPFP-132343
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0265739

CHEVRON USA #202870 (Continued) **S106063513**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-09-30T02:36:05.000
Chemical Name:	Diesel Fuel - Middle Distillates
Common Name:	Diesel Fuel - Middle Distillates
Case Number:	68476-34-6

CERS HAZ WASTE:

Name:	CHEVRON STATION #202870/1835
Address:	1200 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	104905
CERS ID:	10375792
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	CHEVRON STATION #202870/1835
Address:	1200 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	104905
CERS ID:	10375792
CERS Description:	Underground Storage Tank

CERS:

Name:	CHEVRON STATION #202870/1835
Address:	1200 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	104905
CERS ID:	10375792
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	104905
Site Name:	CHEVRON STATION #202870/1835
Violation Date:	08-08-2019
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 08/08/2019. Inspection Sequence ID:6225291;Tank ID:28802,28801;Violation Description:(TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using

CHEVRON USA #202870 (Continued) **S106063513**

applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2

Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 104905
Site Name: CHEVRON STATION #202870/1835
Violation Date: 09-05-2014
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 09/05/2014. Inspection Sequence ID:4970415;Tank ID:28800,28801,28802;Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 104905
Site Name: CHEVRON STATION #202870/1835
Violation Date: 08-28-2018
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 08/28/2018. Inspection Sequence ID:5957658;Tank ID:28801;Violation Description:(RP) Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket, have a minimum capacity of 5 gallons, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion. 23 CCR 2635(b), 2665
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 104905
Site Name: CHEVRON STATION #202870/1835
Violation Date: 08-28-2018
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release

CHEVRON USA #202870 (Continued) **S106063513**

	of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 11/15/2018. Inspection Sequence ID:5957658;Tank ID:28801;Violation Description:(RD) Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly. with the capability of detecting a release of 3.0 gallons per hour leak at 10 p.s.i.g. and restrict or shut off the flow of product through the piping when a leak is detected. 23 CCR 2636(f)(2)
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	104905
Site Name:	CHEVRON STATION #202870/1835
Violation Date:	08-05-2020
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Inspection Sequence ID:6474849;Tank ID:28802,28800,28801;Violation Description:(TCR 9a) Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of 5 gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container, tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. 23 CCR 2635(b), 2637.1(a-c), 2665(a-b), 2712(b)(1)(F); HSC 25284.2
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	104905
Site Name:	CHEVRON STATION #202870/1835
Violation Date:	08-30-2016
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 08/30/2016.
Violation Division:	San Diego County Department of Env Health

CHEVRON USA #202870 (Continued) **S106063513**

Violation Program: UST
Violation Source: CERS,

Site ID: 104905
Site Name: CHEVRON STATION #202870/1835
Violation Date: 09-01-2015
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Notes: Returned to compliance on 09/01/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 104905
Site Name: CHEVRON STATION #202870/1835
Violation Date: 08-29-2017
Citation: 23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description: Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.
Violation Notes: Returned to compliance on 08/29/2017. Inspection Sequence ID:5709011;Tank ID:28801,28800,28802;Violation Description:Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained. 23 CCR 2715(c)
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 104905
Site Name: CHEVRON STATION #202870/1835
Violation Date: 09-01-2015
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.

CHEVRON USA #202870 (Continued) **S106063513**

Violation Notes:	Returned to compliance on 09/01/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	104905
Site Name:	CHEVRON STATION #202870/1835
Violation Date:	08-29-2017
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes:	Returned to compliance on 08/29/2017. Inspection Sequence ID:5709011;Tank ID:28800,28802;Violation Description:(RP) Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket, have a minimum capacity of 5 gallons, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion. 23 CCR 2635(b), 2665
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-08-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Beacon Ellen Inspection ID:6225291
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-30-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:5483053
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-01-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:5160897
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-16-2013
Violations Found:	No

CHEVRON USA #202870 (Continued) **S106063513**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4350630
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-08-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:6225291
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-08-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:6225291
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5483053
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-05-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: "No On-site Inspection" Inspector: Beacon Ellen Inspection ID:6474849
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-11-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:6702670
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5957658
Eval Division: San Diego County Department of Env Health

CHEVRON USA #202870 (Continued) **S106063513**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5709011
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5709011
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-01-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5160897
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-05-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4970415
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-05-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4970415
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4350630
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

CHEVRON USA #202870 (Continued) **S106063513**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5957658
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5957658
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-29-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5709011
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5483053
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-01-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5160897
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-05-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Garchitorena Bobby Inspection ID:4970415
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-16-2013
Violations Found: No

CHEVRON USA #202870 (Continued) **S106063513**

Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Garchitorena Bobby Inspection ID:4350630
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Pedro R Carranza
Entity Title:	RETAIL HES SPECIALIST
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Property Owner
Entity Name:	Chevron Products Company (a Chevron U.S.A. Inc. division)
Entity Title:	Not reported
Affiliation Address:	P.O. Box 6004 Attn: HES Permit Desk
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002,

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 6004 Attn: HES Permit Desk
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94583
Affiliation Phone:	,

CHEVRON USA #202870 (Continued) **S106063513**

Affiliation Type Desc:	Legal Owner
Entity Name:	Chevron Products Company (a Chevron U.S.A. Inc. division)
Entity Title:	Not reported
Affiliation Address:	P.O. Box 6004 Attn: HES Permit Desk
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002,

Affiliation Type Desc:	UST Tank Owner
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Chevron Products Company (a Chevron U.S.A. Inc. division)
Entity Title:	Not reported
Affiliation Address:	P.O. Box 6004 Attn: HES Permit Desk
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94583
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	CHEVRON STATION #202870/1835
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:	(760) 471-9190,

Affiliation Type Desc:	Parent Corporation
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. 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:	,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	CHEVRON PRODUCTS COMPANY (A DIVISION OF CHEVRON U.S.A. INC.)
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 6004, ATTN: PERMIT DESK
Affiliation City:	SAN RAMON
Affiliation State:	CA
Affiliation Country:	United States

CHEVRON USA #202870 (Continued) **S106063513**

Affiliation Zip:	94583
Affiliation Phone:	(925) 842-9002,
Affiliation Type Desc:	Document Preparer
Entity Name:	Pedro R Carranza
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:	,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	CHARLES BITTLE
Entity Title:	RETAIL HES
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(925) 842-9002,

K54 **CHEVRON #202870** **RCRA-LQG** **1005904263**
WSW **1200 W. SAN MARCOS BLVD.** **CAR000118356**
1/8-1/4 **SAN MARCOS, CA 94583**
0.215 mi.
1133 ft. **Site 3 of 8 in cluster K**

Relative: RCRA-LQG:
Lower

Date Form Received by Agency:		20100625
Actual: Handler Name:	CHEVRON #202870	
524 ft. Handler Address:		1200 W. SAN MARCOS BLVD.
Handler City,State,Zip:		SAN MARCOS, CA 94583
EPA ID:		CAR000118356
Contact Name:		BEVERLY STRIPLIN
Contact Address:		PO BOX 6004
Contact City,State,Zip:		SAN RAMON, CA 94583
Contact Telephone:		925-842-2150
Contact Fax:		866-849-4435
Contact Email:		NAWTDESK@CHEVRON.COM
Contact Title:		WASTE TRACKING TECH.
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2009
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		PO BOX 6004
Mailing City,State,Zip:		SAN RAMON, CA 94583
Owner Name:		CHEVRON PRODUCTS CO.
Owner Type:		Private
Operator Name:		CHEVRON PRODUCTS CO.
Operator Type:		Private

CHEVRON #202870 (Continued) **1005904263**

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:	20101006
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

CHEVRON #202870 (Continued) **1005904263**

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CHEVRON STATIONS INC.
Legal Status: Private
Date Became Current: 19991231
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: CHEVRON PRODUCTS CO.
Legal Status: Private
Date Became Current: 19991231
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 6004
Owner/Operator City,State,Zip: SAN RAMON, CA 94583
Owner/Operator Telephone: 925-842-2150
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CHEVRON PRODUCTS CO.
Legal Status: Private
Date Became Current: 19991231
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: CHEVRON PRODUCTS CO
Legal Status: Private
Date Became Current: Not reported

CHEVRON #202870 (Continued) **1005904263**

Date Ended Current:	Not reported
Owner/Operator Address:	P O BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
Owner/Operator Telephone:	925-842-5931
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON PRODUCTS CO.
Legal Status:	Private
Date Became Current:	19991231
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 6004
Owner/Operator City,State,Zip:	SAN RAMON, CA 94583
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:	20100625
Handler Name: CHEVRON #202870	
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
Receive Date:	20020516
Handler Name: CHEVRON STATION NO 202870	
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:	20040223
Handler Name: CHEVRON 202870	
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

CHEVRON #202870 (Continued) **1005904263**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K55 **CHEVRON USA** **UST** **U004356283**
WSW **1200 W SAN MARCOS BLVD** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078**
0.215 mi.
1133 ft. **Site 4 of 8 in cluster K**

Relative: **Lower**

Actual: **524 ft.**

UST:
Name: CHEVRON USA
Address: 1200 W SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Facility ID: H32343
Permitting Agency: SAN DIEGO COUNTY
CERSID: Not reported
Latitude: 33.1349049
Longitude: -117.1932376

L56 **AMISTAR** **RCRA-SQG** **1000387986**
North **237 VIA VERA CRUZ** **San Diego Co. HMMD** **CAD982470445**
1/8-1/4 **SAN MARCOS, CA 92078** **CERS HAZ WASTE**
0.230 mi. **FINDS**
1212 ft. **Site 1 of 2 in cluster L** **ECHO**
HAZNET

Relative: **Higher**

NPDES
CIWQS

Actual: **540 ft.**

CERS
HWTS

RCRA-SQG:
Date Form Received by Agency: 19880914
Handler Name: AMISTAR
Handler Address: 237 VIA VERA CRUZ
Handler City,State,Zip: SAN MARCOS, CA 92069
EPA ID: CAD982470445
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 237 VIA VERA CRUZ
Contact City,State,Zip: SAN MARCOS, CA 92069
Contact Telephone: 619-741-1700
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09

AMISTAR (Continued) **1000387986**

Land Type:	Other
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:	4
Mailing Address:	237 VIA VERRA CRUZ
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	CORPORATION
Owner Type:	Private
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
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

AMISTAR (Continued) **1000387986**

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:	20020627
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:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CORPORATION
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
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:	19880914
Handler Name: AMISTAR	
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

List of NAICS Codes and Descriptions:

NAICS Code:	334417
NAICS Description:	ELECTRONIC CONNECTOR MANUFACTURING

AMISTAR (Continued) **1000387986**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HMMD SAN DIEGO:

Name:	ONCORE MANUFACTURING SERVICES LLC
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	209776
Business Type:	6HK36
EPA Id Number:	CAL000312493
APN:	219-152-71-00
Last HMMD Inspection:	07/14/2010
Facility Telephone:	760-737-6777
Permit Status:	CHNG
Permit Expiration:	03/31/2011
Date Last Updated:	11/02/2012
Facility Owner:	ONCORE MANUFACTURING SERVICES LLC
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	ONCORE MANUFACTURING SERVICES LLC
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	209776
Business Type:	6HK36
EPA Id Number:	CAL000312493
APN:	219-152-71-00
Last HMMD Inspection:	07/14/2010
Facility Telephone:	760-737-6777
Permit Status:	CHNG
Permit Expiration:	03/31/2011
Date Last Updated:	11/02/2012
Facility Owner:	ONCORE MANUFACTURING SERVICES LLC
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported

AMISTAR (Continued) **1000387986**

Generate Medical Waste:	Not reported
Name:	VERITEK MANAFACTURING SERVICES
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	207638
Business Type:	6HK36
EPA Id Number:	CAL000312493
APN:	219-152-71-00
Last HMMD Inspection:	07/24/2007
Facility Telephone:	760-737-6777
Permit Status:	CHNG
Permit Expiration:	12/31/2008
Date Last Updated:	11/02/2012
Facility Owner:	VERITEK MFG SERVICES, LLC
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported
Name:	ONCORE MANUFACTURING SERVICES LLC
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	209776
Business Type:	6HK36
EPA Id Number:	CAL000312493
APN:	219-152-71-00
Last HMMD Inspection:	07/14/2010
Facility Telephone:	760-737-6777
Permit Status:	CHNG
Permit Expiration:	03/31/2011
Date Last Updated:	11/02/2012
Facility Owner:	ONCORE MANUFACTURING SERVICES LLC
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	N
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	N
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported
Name:	ONCORE MANUFACTURING SERVICES LLC
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	209776
Business Type:	6HK36

AMISTAR (Continued) **1000387986**

EPA Id Number:	CAL000312493
APN:	219-152-71-00
Last HMMD Inspection:	07/14/2010
Facility Telephone:	760-737-6777
Permit Status:	CHNG
Permit Expiration:	03/31/2011
Date Last Updated:	11/02/2012
Facility Owner:	ONCORE MANUFACTURING SERVICES LLC
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	ONCORE MANUFACTURING SERVICES
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000360819
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	818-734-6500
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	01/29/2022
Facility Owner:	Not reported
Facility Mailing Address:	237 VIA VERA CRUZ, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-213713
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6849637
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported

AMISTAR (Continued) **1000387986**

Last Update:	2022-01-29T02:06:36.000
Inspection Date:	2022-01-28T00:00:00.000
Violation Code:	HMD0000 HAZARDOUS MATERIALS REQUIREMENTS
Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-213713
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6849637
Return To Compliance Date:	2022-01-28T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-29T02:06:36.000
Inspection Date:	2022-01-28T00:00:00.000
Violation Code:	1010008 HMBP not certified as complete and accurate in CERS by the required due date. HSC 25508.2, 19 CCR 2654(b)
Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-213713
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4092717
Return To Compliance Date:	2015-02-11T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-29T02:06:36.000
Inspection Date:	2015-02-05T00:00:00.000
Violation Code:	3030007 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.; 22 CCR 12 66262.34(f).
Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-213713
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4092717
Return To Compliance Date:	2015-03-03T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-29T02:06:36.000
Inspection Date:	2015-02-05T00:00:00.000
Violation Code:	1010007 Failure to submit a revised business plan upon a substantial change in the handler’s operations; HSC 6.95 25508.1(f)

AMISTAR (Continued) **1000387986**

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-213713
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4092717
Return To Compliance Date:	2015-02-13T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-29T02:06:36.000
Inspection Date:	2015-02-05T00:00:00.000
Violation Code:	1020001 Failure to include an adequate training program in the business plan, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled; HSC 6.95 25505(a)4

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-213713
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4092717
Return To Compliance Date:	2015-03-03T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-29T02:06:36.000
Inspection Date:	2015-02-05T00:00:00.000
Violation Code:	1010002 Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet; HSC 6.95 25508(a)1A

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-213713
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4092717
Return To Compliance Date:	2015-03-03T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-29T02:06:36.000
Inspection Date:	2015-02-05T00:00:00.000
Violation Code:	1010008 Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date. For facilities with invenntory that exceed EPCRA thresholds; failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages HSC 6.95 25508.2 / 19 CCR 4 2729.5(c)

AMISTAR (Continued) **1000387986**

Waste and Materials:

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0208891
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-08-09T04:16:06.000
Chemical Name:	DIESEL FUEL
Common Name:	DIESEL FUEL
Case Number:	68476-34-6

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0208892
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-08-09T04:16:06.000
Chemical Name:	Envirosence
Common Name:	Soap
Case Number:	Not reported

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0251124
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-03-09T02:42:52.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	LEAD SOLDER PASTE/WIPES WASTE
Case Number:	Not reported

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0251125
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-03-09T02:42:52.000
Chemical Name:	WASTE 171 METAL SLUDGE
Common Name:	LEAD SOLDER WASTE
Case Number:	Not reported

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242335
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-03-05T02:32:16.000
Chemical Name:	DIESEL FUEL
Common Name:	DIESEL FUEL
Case Number:	68476-34-6

Record ID:	DEH2011-HUPFP-213713

AMISTAR (Continued) **1000387986**

Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0128933
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-01-10T00:50:54.000
Chemical Name:	DIESEL FUEL
Common Name:	DIESEL FUEL
Case Number:	68476-34-6

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0128934
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-01-10T00:50:54.000
Chemical Name:	NITROGEN LIQUID
Common Name:	NITROGEN LIQUID
Case Number:	7727-37-9

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107469
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-10T00:50:55.000
Chemical Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name:	SOLDER FLUX/THINNER WASTE
Case Number:	Not reported

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107470
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-10T00:50:55.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	LEAD SOLDER PASTE/WIPES WASTE
Case Number:	Not reported

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0107471
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-01-10T00:50:55.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	SOLDER ALLOYS WITH LEAD
Case Number:	Not reported

Record ID:	DEH2011-HUPFP-213713
Permit Status:	Permit Renewed
Active Permit:	Y

AMISTAR (Continued) **1000387986**

Child Record Id: DEH2017-HWAST-0107472
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-10T00:50:55.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: LEAD SOLDER WASTE
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181297
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-09T04:16:06.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: LEAD SOLDER PASTE/WIPES WASTE
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0181298
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-08-09T04:16:06.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: LEAD SOLDER WASTE
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242336
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-03-05T02:32:16.000
Chemical Name: Envirosence
Common Name: Soap
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213211
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-03-05T02:32:16.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: LEAD SOLDER PASTE/WIPES WASTE
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213212
Trade Secret: N

AMISTAR (Continued) **1000387986**

Hazardous Material Type: Not reported
Last Updated: 2020-03-05T02:32:16.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: LEAD SOLDER WASTE
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282550
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-09T02:42:52.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68476-34-6

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0282551
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-09T02:42:52.000
Chemical Name: Envirosence
Common Name: Soap
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0318846
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-29T02:06:36.000
Chemical Name: DIESEL FUEL
Common Name: DIESEL FUEL
Case Number: 68476-34-6

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0318847
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-29T02:06:36.000
Chemical Name: Envirosence
Common Name: Soap
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0285940
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-01-29T02:06:36.000

AMISTAR (Continued) **1000387986**

Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: LEAD SOLDER PASTE/WIPES WASTE
Case Number: Not reported

Record ID: DEH2011-HUPFP-213713
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HWAST-0285941
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-01-29T02:06:36.000
Chemical Name: WASTE 171 METAL SLUDGE
Common Name: LEAD SOLDER WASTE
Case Number: Not reported

Name: AMISTAR
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 128296
Business Type: 6HK35
EPA Id Number: CAD982470445
APN: 219-152-71-00
Last HMMD Inspection: 11/13/2007
Facility Telephone: 760-471-1700
Permit Status: INAC
Permit Expiration: 07/31/2008
Date Last Updated: 11/02/2012
Facility Owner: AMISTAR CORP
Facility Mailing Address: 237 VIA VERA CRUZ
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 128296
Update Date: 11/02/2012
Inspection Date: 10/26/2004
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity: Inactive Permit

Permit Number: 128296
Update Date: 11/02/2012
Inspection Date: 10/26/2004
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

AMISTAR (Continued) **1000387986**

Activity: Inactive Permit

Permit Number: 128296
Update Date: 11/02/2012
Inspection Date: 10/26/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: Inactive Permit

Permit Number: 128296
Update Date: 11/02/2012
Inspection Date: 10/26/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: Inactive Permit

Name: ONCORE MANUFACTURING SERVICES LLC
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 209776
Business Type: 6HK36
EPA Id Number: CAL000312493
APN: 219-152-71-00
Last HMMD Inspection: 07/14/2010
Facility Telephone: 760-737-6777
Permit Status: CHNG
Permit Expiration: 03/31/2011
Date Last Updated: 11/02/2012
Facility Owner: ONCORE MANUFACTURING SERVICES LLC
Facility Mailing Address: 237 VIA VERA CRUZ
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: ONCORE MANUFACTURING SERVICES LLC
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 209776
Business Type: 6HK36
EPA Id Number: CAL000312493
APN: 219-152-71-00
Last HMMD Inspection: 07/14/2010
Facility Telephone: 760-737-6777
Permit Status: CHNG

AMISTAR (Continued) **1000387986**

Permit Expiration: 03/31/2011
Date Last Updated: 11/02/2012
Facility Owner: ONCORE MANUFACTURING SERVICES LLC
Facility Mailing Address: 237 VIA VERA CRUZ
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: ONCORE MANUFACTURING SERVICES
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 213713
Business Type: 6HK36
EPA Id Number: CAL000360819
APN: 219-152-71-00
Last HMMD Inspection: 05/23/2011
Facility Telephone: 760-737-6777
Permit Status: OPEN
Permit Expiration: 03/31/2013
Date Last Updated: 11/02/2012
Facility Owner: CHARLESBANK CAPITAL PARTNERS
Facility Mailing Address: 237 VIA VERA CRUZ
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 213713
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPANOL
Other Information: 425 THINNER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

AMISTAR (Continued) **1000387986**

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ISOPROPANOL
Other Information:	870-25 FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL 1219 MIXTURE
Other Information:	959T FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 171 METAL SLUDGE
Other Information:	LEAD SOLDER WASTE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information:	LEAD SOLDER PASTE/WIPES WASTE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported

AMISTAR (Continued) **1000387986**

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SOLDER ALLOYS WITH LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: SOLDER FLUX/THINNER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Name: ONCORE MANUFACTURING SERVICES
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 213713
Business Type: 6HK36

AMISTAR (Continued) **1000387986**

EPA Id Number:	CAL000360819
APN:	219-152-71-00
Last HMMD Inspection:	05/23/2011
Facility Telephone:	760-737-6777
Permit Status:	OPEN
Permit Expiration:	03/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	CHARLESBANK CAPITAL PARTNERS
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	68476-34-6
Name:	DIESEL FUEL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL
Other Information:	425 THINNER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ISOPROPANOL
Other Information:	870-25 FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL 1219 MIXTURE
Other Information:	959T FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713

AMISTAR (Continued) **1000387986**

Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 213713
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: LEAD SOLDER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: LEAD SOLDER PASTE/WIPES WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SOLDER ALLOYS WITH LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: SOLDER FLUX/THINNER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011

AMISTAR (Continued) **1000387986**

Violation Code:	6HV1018
Violation:	INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation:	Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity:	ACTIVE
Permit Number:	213713
Update Date:	11/02/2012
Inspection Date:	05/23/2011
Violation Code:	6HV0304
Violation:	WASTE DETERMINATION NOT MADE
Violation Citation:	Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity:	ACTIVE
Permit Number:	213713
Update Date:	11/02/2012
Inspection Date:	05/23/2011
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	213713
Update Date:	11/02/2012
Inspection Date:	05/23/2011
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Name:	ONCORE MANUFACTURING SERVICES
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	213713
Business Type:	6HK36
EPA Id Number:	CAL000360819
APN:	219-152-71-00
Last HMMD Inspection:	05/23/2011
Facility Telephone:	760-737-6777
Permit Status:	OPEN
Permit Expiration:	03/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	CHARLESBANK CAPITAL PARTNERS
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	N
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	N
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

AMISTAR (Continued) **1000387986**

Inventory Active Permits (not SQG Medical):

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	68476-34-6
Name:	DIESEL FUEL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL
Other Information:	425 THINNER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ISOPROPANOL
Other Information:	870-25 FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL 1219 MIXTURE
Other Information:	959T FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	213713
Update Date:	11/02/2012

AMISTAR (Continued) **1000387986**

Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: LEAD SOLDER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: LEAD SOLDER PASTE/WIPES WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SOLDER ALLOYS WITH LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: SOLDER FLUX/THINNER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0227

AMISTAR (Continued) **1000387986**

Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Name: ONCORE MANUFACTURING SERVICES
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 213713
Business Type: 6HK36
EPA Id Number: CAL000360819
APN: 219-152-71-00
Last HMMD Inspection: 05/23/2011
Facility Telephone: 760-737-6777
Permit Status: OPEN
Permit Expiration: 03/31/2013
Date Last Updated: 11/02/2012
Facility Owner: CHARLESBANK CAPITAL PARTNERS
Facility Mailing Address: 237 VIA VERA CRUZ
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 213713
Update Date: 11/02/2012
Case Number: 68476-34-6
Name: DIESEL FUEL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: 67-63-0
Name: ISOPROPANOL
Other Information: 425 THINNER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

AMISTAR (Continued) **1000387986**

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ISOPROPANOL
Other Information:	870-25 FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL 1219 MIXTURE
Other Information:	959T FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 171 METAL SLUDGE
Other Information:	LEAD SOLDER WASTE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information:	LEAD SOLDER PASTE/WIPES WASTE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported

AMISTAR (Continued) **1000387986**

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SOLDER ALLOYS WITH LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: SOLDER FLUX/THINNER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

Name: ONCORE MANUFACTURING SERVICES
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 213713
Business Type: 6HK36

AMISTAR (Continued) **1000387986**

EPA Id Number:	CAL000360819
APN:	219-152-71-00
Last HMMD Inspection:	05/23/2011
Facility Telephone:	760-737-6777
Permit Status:	OPEN
Permit Expiration:	03/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	CHARLESBANK CAPITAL PARTNERS
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	68476-34-6
Name:	DIESEL FUEL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL
Other Information:	425 THINNER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ISOPROPANOL
Other Information:	870-25 FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL 1219 MIXTURE
Other Information:	959T FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713

AMISTAR (Continued) **1000387986**

Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN LIQUID
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CRYOGENIC

Permit Number: 213713
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: LEAD SOLDER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: LEAD SOLDER PASTE/WIPES WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SOLDER ALLOYS WITH LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: SOLDER FLUX/THINNER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011

AMISTAR (Continued) **1000387986**

Violation Code:	6HV1018
Violation:	INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation:	Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity:	ACTIVE
Permit Number:	213713
Update Date:	11/02/2012
Inspection Date:	05/23/2011
Violation Code:	6HV0304
Violation:	WASTE DETERMINATION NOT MADE
Violation Citation:	Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity:	ACTIVE
Permit Number:	213713
Update Date:	11/02/2012
Inspection Date:	05/23/2011
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	213713
Update Date:	11/02/2012
Inspection Date:	05/23/2011
Violation Code:	6HV0228
Violation:	CONTAINER NOT KEPT CLOSED
Violation Citation:	Failed to keep container closed. CFR 265.173
Activity:	ACTIVE
Name:	ONCORE MANUFACTURING SERVICES
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	213713
Business Type:	6HK36
EPA Id Number:	CAL000360819
APN:	219-152-71-00
Last HMMD Inspection:	05/23/2011
Facility Telephone:	760-737-6777
Permit Status:	OPEN
Permit Expiration:	03/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	CHARLESBANK CAPITAL PARTNERS
Facility Mailing Address:	237 VIA VERA CRUZ
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

AMISTAR (Continued) **1000387986**

Inventory Active Permits (not SQG Medical):

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	68476-34-6
Name:	DIESEL FUEL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL
Other Information:	425 THINNER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ISOPROPANOL
Other Information:	870-25 FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	67-63-0
Name:	ISOPROPANOL 1219 MIXTURE
Other Information:	959T FLUX
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC

Permit Number:	213713
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	213713
Update Date:	11/02/2012

AMISTAR (Continued) **1000387986**

Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: LEAD SOLDER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: LEAD SOLDER PASTE/WIPES WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: SOLDER ALLOYS WITH LEAD
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213713
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: SOLDER FLUX/THINNER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0304
Violation: WASTE DETERMINATION NOT MADE
Violation Citation: Generator of a waste has not determined if that waste is a hazardous waste as defined by law. CCR 66262.11 & 66260.200(c)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0227

AMISTAR (Continued) **1000387986**

Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 213713
Update Date: 11/02/2012
Inspection Date: 05/23/2011
Violation Code: 6HV0228
Violation: CONTAINER NOT KEPT CLOSED
Violation Citation: Failed to keep container closed. CFR 265.173
Activity: ACTIVE

CERS HAZ WASTE:
Name: ONCORE MANUFACTURING SERVICES
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 53848
CERS ID: 10376509
CERS Description: Hazardous Waste Generator

FINDS:
Registry ID: 110002819594

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: 1000387986
Registry ID: 110002819594
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002819594
Name: AMISTAR
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078

HAZNET:
Name: AMISTAR
Address: 237 VIA VERA CRUZ
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 920782617
Contact: BILL LONGDAIL MFG MGR
Telephone: 7604711700

AMISTAR (Continued) **1000387986**

Mailing Name: Not reported
Mailing Address: 1269 LINDA VISTA DR

Year: 2008
Gepaid: CAD982470445
TSD EPA ID: NVT330010000
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.209

Year: 2008
Gepaid: CAD982470445
TSD EPA ID: CAD982444481
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: 0.4587

Year: 2008
Gepaid: CAD982470445
TSD EPA ID: NVT330010000
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.22935

Year: 2008
Gepaid: CAD982470445
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.0625

Year: 2007
Gepaid: CAD982470445
TSD EPA ID: CAD982444481
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: 1.10505

Year: 2007
Gepaid: CAD982470445
TSD EPA ID: CAD028409019
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: 0.2

Year: 2007
Gepaid: CAD982470445
TSD EPA ID: CAD008252405
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.1155

AMISTAR (Continued) **1000387986**

Year:	2006
Gepaid:	CAD982470445
TSD EPA ID:	CAD982444481
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.5421
Year:	2006
Gepaid:	CAD982470445
TSD EPA ID:	CAD982444481
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:	0.22935
Year:	2005
Gepaid:	CAD982470445
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D99 - Disposal, Other
Tons:	0.3

Click this hyperlink while viewing on your computer to access
51 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	1999
Gen EPA ID:	CAD982470445
Shipment Date:	19990910
Creation Date:	11/19/1999 0:00:00
Receipt Date:	19990914
Manifest ID:	99460590
Trans EPA ID:	ILD047267364
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.165
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:	19990428
Creation Date:	6/10/1999 0:00:00
Receipt Date:	19990505

AMISTAR (Continued) **1000387986**

Manifest ID:	98155415
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981446156
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	0.65
Waste Quantity:	1300
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:	CAD982470445
Shipment Date:	19961106
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961112
Manifest ID:	96286680
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980675896
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	1.175
Waste Quantity:	2350
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:	19961008
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961011
Manifest ID:	96301924
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

AMISTAR (Continued) **1000387986**

TSDF EPA ID:	CAD008252405
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:	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:	19961008
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961011
Manifest ID:	96301925
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
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:	T01 - Treatment, Tank
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:	19961008
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961011
Manifest ID:	96301925
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
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:	D99 - Disposal, Other
Quantity Tons:	0.4587
Waste Quantity:	110

AMISTAR (Continued) **1000387986**

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:	19961008
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961016
Manifest ID:	96301926
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	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:	19961008
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961011
Manifest ID:	96301924
Trans EPA ID:	CAD981412356
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:	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:	19960523
Creation Date:	5/30/1997 0:00:00

AMISTAR (Continued) **1000387986**

Receipt Date:	19960528
Manifest ID:	95746985
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980675896
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	0.75
Waste Quantity:	1500
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:	19960312
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960315
Manifest ID:	95743901
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1675
Waste Quantity:	335
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:	19960312
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960315
Manifest ID:	95743900
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835

AMISTAR (Continued) **1000387986**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
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:	19960312
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960315
Manifest ID:	95743900
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
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:	0.33
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:	2006
Gen EPA ID:	CAD982470445
Shipment Date:	20061128
Creation Date:	3/30/2007 13:34:30
Receipt Date:	20061130
Manifest ID:	000495123JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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)

AMISTAR (Continued) **1000387986**

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:	20060822
Creation Date:	11/21/2006 18:30:19
Receipt Date:	20060826
Manifest ID:	25202283
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIRONMENTAL
Trans 2 EPA ID:	CAD982444481
Trans 2 Name:	FILTER RECYCLING SERV
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
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

Additional Info:

Year:	2008
Gen EPA ID:	CAD982470445
Shipment Date:	20080501
Creation Date:	9/10/2008 18:30:39
Receipt Date:	20080507
Manifest ID:	003350959JJK
Trans EPA ID:	CAR000159277
Trans Name:	GEN TEC SOLUTIONS INC
Trans 2 EPA ID:	CAD981412356
Trans 2 Name:	PACIFIC TRANS ENVIRONMENTAL SERVICES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
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

AMISTAR (Continued) **1000387986**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080501
Creation Date:	9/10/2008 18:30:39
Receipt Date:	20080507
Manifest ID:	003350959JJK
Trans EPA ID:	CAR000159277
Trans Name:	GEN TEC SOLUTIONS INC
Trans 2 EPA ID:	CAD981412356
Trans 2 Name:	PACIFIC TRANS ENVIRONMENTAL SERVICES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.209
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:	20080501
Creation Date:	9/10/2008 18:30:39
Receipt Date:	20080507
Manifest ID:	003350959JJK
Trans EPA ID:	CAR000159277
Trans Name:	GEN TEC SOLUTIONS INC
Trans 2 EPA ID:	CAD981412356
Trans 2 Name:	PACIFIC TRANS ENVIRONMENTAL SERVICES
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
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:	0.22935
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:	20080312
Creation Date:	6/5/2008 18:30:08

AMISTAR (Continued) **1000387986**

Receipt Date:	20080318
Manifest ID:	003350855JJK
Trans EPA ID:	CAR000159277
Trans Name:	GEN TEC SOLUTIONS INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS TRUCKING
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
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:	0.22935
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:	20080312
Creation Date:	6/5/2008 18:30:08
Receipt Date:	20080318
Manifest ID:	003350855JJK
Trans EPA ID:	CAR000159277
Trans Name:	GEN TEC SOLUTIONS INC
Trans 2 EPA ID:	CAR000187922
Trans 2 Name:	RUST & SONS TRUCKING
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
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:	0.22935
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

Additional Info:

Year:	1998
Gen EPA ID:	CAD982470445

Shipment Date:	19980812
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980819
Manifest ID:	98292640
Trans EPA ID:	CAD003963592

AMISTAR (Continued) **1000387986**

Trans Name:	Not reported
Trans 2 EPA ID:	CAD981446156
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	0.9
Waste Quantity:	1800
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:	19980710
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980727
Manifest ID:	98120480
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	DER000000968
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
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:	D99 - Disposal, Other
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

Shipment Date:	19980710
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980714
Manifest ID:	98120482
Trans EPA ID:	ILD047267364
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001

AMISTAR (Continued) **1000387986**

Meth Code:	R01 - Recycler
Quantity Tons:	0.165
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:	19980311
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980324
Manifest ID:	96607655
Trans EPA ID:	CAD982495608
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NJD986610335
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.497
Waste Quantity:	994
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:	1995
Gen EPA ID:	CAD982470445
Shipment Date:	19951109
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951114
Manifest ID:	95314863
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980675896
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	0.75
Waste Quantity:	1500
Quantity Unit:	P
Additional Code 1:	Not reported

AMISTAR (Continued) **1000387986**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950811
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950816
Manifest ID:	95669460
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
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:	19950811
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950815
Manifest ID:	95669461
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
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:	19950811
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950815
Manifest ID:	95669461

AMISTAR (Continued) **1000387986**

Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
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:	19950811
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950816
Manifest ID:	95669460
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
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:	H01 - Transfer Station
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:	19950727
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950803
Manifest ID:	95673318
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980675896
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics

AMISTAR (Continued) **1000387986**

RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.75
Waste Quantity:	1500
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:	19950322
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950329
Manifest ID:	93432666
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.65
Waste Quantity:	1300
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:	CAD982470445
Shipment Date:	20051222
Creation Date:	3/14/2007 18:30:33
Receipt Date:	20051227
Manifest ID:	24561849
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIONMENTAL SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

AMISTAR (Continued) **1000387986**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051122
Creation Date:	3/14/2007 18:30:14
Receipt Date:	20051201
Manifest ID:	24561811
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIONMENTAL SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
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:	0.132
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:	20051018
Creation Date:	1/2/2007 18:30:08
Receipt Date:	20051026
Manifest ID:	22365153
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIRONMENTAL RECOVERY SVCS
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.299
Waste Quantity:	598
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:	20051018
Creation Date:	1/2/2007 18:30:08
Receipt Date:	20051026

AMISTAR (Continued) **1000387986**

Manifest ID:	22365153
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIRONMENTAL RECOVERY SVCS
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.084
Waste Quantity:	168
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:	20051006
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051018
Manifest ID:	24561765
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIONMENTAL SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.342
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:	20050519
Creation Date:	7/27/2005 10:48:47
Receipt Date:	20050525
Manifest ID:	23853663
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported

AMISTAR (Continued) **1000387986**

Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3
Waste Quantity:	600
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:	20050315
Creation Date:	6/2/2005 18:30:59
Receipt Date:	20050317
Manifest ID:	22365061
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIRONMENTAL RECOVERY SVCS
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	EXEM
Meth Code:	R01 - Recycler
Quantity Tons:	0.527
Waste Quantity:	1054
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:	20050214
Creation Date:	4/29/2005 8:38:49
Receipt Date:	20050302
Manifest ID:	23853442
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NON
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

AMISTAR (Continued) **1000387986**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050104
Creation Date:	4/20/2006 18:30:56
Receipt Date:	20050112
Manifest ID:	22365571
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIRONMENTAL RECOVERY SER
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	EXEM
Meth Code:	R01 - Recycler
Quantity Tons:	0.41
Waste Quantity:	820
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:	CAD982470445
Shipment Date:	19941116
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941118
Manifest ID:	95162814
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD003963592
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	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:	19940809
Creation Date:	3/26/1996 0:00:00

AMISTAR (Continued) **1000387986**

Receipt Date:	19940813
Manifest ID:	93732392
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.35
Waste Quantity:	2700
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:	19940809
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940813
Manifest ID:	93732392
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
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:	19940608
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940614
Manifest ID:	93432930
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	MOD095038998
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592

AMISTAR (Continued) **1000387986**

TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
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:	19940503
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940506
Manifest ID:	93024657
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.04
Waste Quantity:	80
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:	19940503
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940506
Manifest ID:	93024657
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
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:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

AMISTAR (Continued) **1000387986**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940503
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940506
Manifest ID:	93024657
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
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:	H01 - Transfer Station
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:	19940413
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940419
Manifest ID:	93432145
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD003963592
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5
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:	19940209
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940211
Manifest ID:	93059932
Trans EPA ID:	CAD003963592

AMISTAR (Continued) **1000387986**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.3
Waste Quantity:	600
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:	2001
Gen EPA ID:	CAD982470445
Shipment Date:	20010730
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010801
Manifest ID:	20940345
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
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
Shipment Date:	20010730
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010801
Manifest ID:	20940347
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported

AMISTAR (Continued) **1000387986**

TSDF Alt EPA ID:	CAD008252405
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:	0.165
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:	20010730
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010801
Manifest ID:	20940347
Trans EPA ID:	ILD047267364
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.165
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:	20010730
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010803
Manifest ID:	20940348
Trans EPA ID:	ILD047267364
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
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.38
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported

AMISTAR (Continued) **1000387986**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010214
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010216
Manifest ID:	99760609
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981446156
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
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:	20010207
Creation Date:	4/19/2001 0:00:00
Receipt Date:	20010215
Manifest ID:	98395448
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.225
Waste Quantity:	450
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:	CAD982470445

AMISTAR (Continued) **1000387986**

Shipment Date:	20071205
Creation Date:	3/6/2008 18:30:06
Receipt Date:	20071207
Manifest ID:	000494621JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIRONMENTAL SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.22935
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:	20071128
Creation Date:	5/30/2008 18:30:22
Receipt Date:	20071213
Manifest ID:	000494617JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIRONMENTAL SOLUTIONS 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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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:	20071017
Creation Date:	2/29/2008 18:30:19
Receipt Date:	20071101
Manifest ID:	000494581JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIRONMENTAL SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

AMISTAR (Continued) **1000387986**

TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.22935
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:	20071016
Creation Date:	2/29/2008 18:30:19
Receipt Date:	20071115
Manifest ID:	000494577JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIONMENTAL SOLUTIONS 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:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
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:	20071016
Creation Date:	2/29/2008 18:30:19
Receipt Date:	20071115
Manifest ID:	000494577JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIONMENTAL SOLUTIONS 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:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

AMISTAR (Continued) **1000387986**

	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:	20070830
Creation Date:	11/5/2007 18:30:58
Receipt Date:	20070831
Manifest ID:	000495496JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIRONMENTAL SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.22935
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:	20070615
Creation Date:	11/3/2007 18:30:21
Receipt Date:	20070629
Manifest ID:	000495385JJK
Trans EPA ID:	CAR000157909
Trans Name:	SPECTRUM ENVIRONMENTAL SOLUTIONS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
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:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

AMISTAR (Continued) **1000387986**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD982470445
Shipment Date:	19971121
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971208
Manifest ID:	96877228
Trans EPA ID:	CAD982495608
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NJD986610335
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.7565
Waste Quantity:	1513
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:	19970919
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970929
Manifest ID:	96697479
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
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:	0.2293
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:	19970919
Creation Date:	7/23/1998 0:00:00

AMISTAR (Continued) **1000387986**

Receipt Date:	19970923
Manifest ID:	96697480
Trans EPA ID:	CAD981412356
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:	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:	19970919
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970929
Manifest ID:	96697479
Trans EPA ID:	CAD981412356
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
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:	0.4587
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:	19970807
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970815
Manifest ID:	96548874
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000083121
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310

AMISTAR (Continued) **1000387986**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
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:	19970807
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970821
Manifest ID:	96877216
Trans EPA ID:	CAD982495608
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NJD986610335
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.322
Waste Quantity:	644
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:	19970807
Creation Date:	12/11/1997 0:00:00
Receipt Date:	19970815
Manifest ID:	96548874
Trans EPA ID:	CAD982413262
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000083121
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD059494310
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD059494310
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D003
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

AMISTAR (Continued) **1000387986**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970612
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970623
Manifest ID:	96754463
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD980675896
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.2
Waste Quantity:	2400
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:	2003
Gen EPA ID:	CAD982470445
Shipment Date:	20030424
Creation Date:	7/13/2003 18:31:11
Receipt Date:	20030430
Manifest ID:	22476214
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
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:	20030424

AMISTAR (Continued) **1000387986**

Creation Date:	6/23/2004 9:59:25
Receipt Date:	20030502
Manifest ID:	22476213
Trans EPA ID:	ILD047267364
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.066
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

Additional Info:

Year:	2004
Gen EPA ID:	CAD982470445
Shipment Date:	20040914
Creation Date:	1/6/2005 18:32:03
Receipt Date:	20040923
Manifest ID:	22365438
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIRONMENTAL RECOVERY SERVICE
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	EXEM
Meth Code:	R01 - Recycler
Quantity Tons:	0.5
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:	20040721
Creation Date:	11/5/2004 18:32:00
Receipt Date:	20040726
Manifest ID:	23453119
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC

AMISTAR (Continued) **1000387986**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES INC
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NON
Meth Code:	H01 - Transfer Station
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:	20040721
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040728
Manifest ID:	23453120
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
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:	20040519
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040527
Manifest ID:	22364666
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIRONMENTAL RECOVERY SERVICES
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

AMISTAR (Continued) **1000387986**

Quantity Tons:	0.386
Waste Quantity:	772
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:	20040106
Creation Date:	8/19/2004 11:23:00
Receipt Date:	20040112
Manifest ID:	22832956
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.38
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:	20040106
Creation Date:	8/12/2004 8:09:46
Receipt Date:	20040114
Manifest ID:	22832954
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	TERIS
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
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

AMISTAR (Continued) **1000387986**

Shipment Date:	20040106
Creation Date:	8/19/2004 11:23:00
Receipt Date:	20040112
Manifest ID:	22832956
Trans EPA ID:	ILD047267364
Trans Name:	ADCOM EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING SERVICES
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.19
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:	2002
Gen EPA ID:	CAD982470445

Shipment Date:	20021220
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021223
Manifest ID:	20672155
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981446156
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	0.433
Waste Quantity:	866
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:	20021025
Creation Date:	2/10/2003 18:31:16
Receipt Date:	20021030
Manifest ID:	22092178
Trans EPA ID:	ILD047267364

AMISTAR (Continued) **1000387986**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.3
Waste Quantity:	600
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:	20021025
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021101
Manifest ID:	22092180
Trans EPA ID:	ILD047267364
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:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.209
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:	20020227
Creation Date:	7/22/2002 18:32:38
Receipt Date:	20020306
Manifest ID:	21674689
Trans EPA ID:	ILD047267364
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:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D080

AMISTAR (Continued) **1000387986**

Meth Code:	R01 - Recycler
Quantity Tons:	0.01251
Waste Quantity:	3
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:	20020220
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020222
Manifest ID:	21674671
Trans EPA ID:	ILD047267364
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:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.38
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:	20020220
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020222
Manifest ID:	21674671
Trans EPA ID:	ILD047267364
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:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.38
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

AMISTAR (Continued) **1000387986**

Shipment Date:	20020220
Creation Date:	7/25/2002 18:31:24
Receipt Date:	20020227
Manifest ID:	21674670
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.225
Waste Quantity:	450
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:	20020124
Creation Date:	3/7/2002 0:00:00
Receipt Date:	20020128
Manifest ID:	20669766
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981446156
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
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:	R01 - Recycler
Quantity Tons:	0.4
Waste Quantity:	800
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:	2000
Gen EPA ID:	CAD982470445

Shipment Date:	20000904
Creation Date:	11/14/2000 0:00:00
Receipt Date:	20000907
Manifest ID:	20458228
Trans EPA ID:	ILD047267364

AMISTAR (Continued) **1000387986**

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
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.209
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:	20000904
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000915
Manifest ID:	20458230
Trans EPA ID:	ILD047267364
Trans Name:	Not reported
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD044429835
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.1875
Waste Quantity:	375
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:	20000904
Creation Date:	11/14/2000 0:00:00
Receipt Date:	20000908
Manifest ID:	20458229
Trans EPA ID:	ILD047267364
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001

AMISTAR (Continued) **1000387986**

Meth Code:	R01 - Recycler
Quantity Tons:	0.165
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:	20000510
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000517
Manifest ID:	99090948
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	CAD981446156
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	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

Additional Info:

Year:	1993
Gen EPA ID:	CAD982470445
Shipment Date:	19931215
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931217
Manifest ID:	93059129
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.1
Waste Quantity:	2200
Quantity Unit:	P
Additional Code 1:	Not reported

AMISTAR (Continued) **1000387986**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930803
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930803
Manifest ID:	92724517
Trans EPA ID:	CAD003963592
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD003963592
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD003963592
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D008
Meth Code:	R01 - Recycler
Quantity Tons:	0.6
Waste Quantity:	1200
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

NPDES:

Name:	ONCORE MANUFACTURING SERVICES
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	352416
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37I021859
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/03/2008
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	237 Via Vera Cruz
Discharge Name:	Oncore Manufactoring LLC
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported

AMISTAR (Continued) **1000387986**

Operator State:	Not reported
Operator Zip:	Not reported
NPDES as of 03/2018:	
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	352416
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I021859
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/03/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Oncore Manufactoring LLC
Discharge Address:	237 Via Vera Cruz
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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

AMISTAR (Continued) **1000387986**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	352416
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I021859
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:	09/19/2008
Processed Date:	10/03/2008
Status:	Active
Status Date:	10/03/2008
Place Size:	5.4
Place Size Unit:	Acres
Contact:	Kurt T Boess
Contact Title:	Facilities Manager
Contact Phone:	760-737-6777
Contact Phone Ext:	3267
Contact Email:	kurt.boess@oncorems.com
Operator Name:	Oncore Manufactoring Services
Operator Address:	237 Via Vera Cruz
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

AMISTAR (Continued) **1000387986**

Operator Contact:	Kurt Boess Sr
Operator Contact Title:	Facilities Manager
Operator Contact Phone:	760-798-3267
Operator Contact Phone Ext:	3267
Operator Contact Email:	kurt.boess@oncorems.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:	760-522-9586
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:	Lake San Marcos
Certifier:	Kurt Boess Sr
Certifier Title:	Facilities Manager
Certification Date:	09-JUN-15
Primary Sic:	3679-Electronic Components, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	ONCORE MANUFACTURING SERVICES
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37I021859
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported

AMISTAR (Continued) **1000387986**

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:	10/03/2008
Operator Name:	Oncore Manufactoring LLC
Operator Address:	237 Via Vera Cruz
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	352416
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I021859
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/03/2008
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Oncore Manufactoring LLC
Discharge Address:	237 Via Vera Cruz
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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

AMISTAR (Continued) **1000387986**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	352416
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I021859
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:	09/19/2008
Processed Date:	10/03/2008
Status:	Active
Status Date:	10/03/2008

AMISTAR (Continued) **1000387986**

Place Size:	5.4
Place Size Unit:	Acres
Contact:	Kurt T Boess
Contact Title:	Facilities Manager
Contact Phone:	760-737-6777
Contact Phone Ext:	3267
Contact Email:	kurt.boess@oncorems.com
Operator Name:	Oncore Manufactoring Services
Operator Address:	237 Via Vera Cruz
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Operator Contact:	Kurt Boess Sr
Operator Contact Title:	Facilities Manager
Operator Contact Phone:	760-798-3267
Operator Contact Phone Ext:	3267
Operator Contact Email:	kurt.boess@oncorems.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:	760-522-9586
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:	Lake San Marcos
Certifier:	Kurt Boess Sr
Certifier Title:	Facilities Manager
Certification Date:	09-JUN-15
Primary Sic:	3679-Electronic Components, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ONCORE MANUFACTURING SERVICES
Address:	237 VIA VERA CRUZ

AMISTAR (Continued) **1000387986**

City,State,Zip:	SAN MARCOS, CA 92078
Agency:	Oncore Manufactoring LLC
Agency Address:	237 Via Vera Cruz, San Marcos, CA 92078
Place/Project Type:	Industrial - Electronic Components, NEC
SIC/NAICS:	3679
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37I021859
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	10/03/2008
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:	0
Violations within 5 years:	0
Latitude:	33.13977
Longitude:	-117.18977

CERS:

Name:	ONCORE MANUFACTURING SERVICES
Address:	237 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	53848
CERS ID:	726572
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	53848
Site Name:	ONCORE MANUFACTURING SERVICES
Violation Date:	02-05-2015
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 03/03/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	53848
Site Name:	ONCORE MANUFACTURING SERVICES
Violation Date:	02-05-2015
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 03/03/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP

AMISTAR (Continued) **1000387986**

Violation Source: CERS,

Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
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 03/03/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
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 02/11/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 02/13/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6102820
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Walsh Todd Inspection ID:5602114
Eval Division: San Diego County Department of Env Health

AMISTAR (Continued) **1000387986**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4092717
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6102820
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4092717
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Walsh Todd Inspection ID:5602114
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 53848
Facility Name: ONCORE MANUFACTURING SERVICES
Env Int Type Code: HWG
Program ID: 10376509
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.139880
Longitude: -117.188830

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Kurt Boess
Entity Title: Not reported
Affiliation Address: 237 VIA VERA CRUZ
Affiliation City: SAN MARCOS
Affiliation State: CA

AMISTAR (Continued) **1000387986**

Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Natel Engineering Company Inc
Entity Title:	Not reported
Affiliation Address:	9340 Owensmouth Ave
Affiliation City:	Chatsworth
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91311
Affiliation Phone:	(818) 734-6500,
Affiliation Type Desc:	Property Owner
Entity Name:	BIXBY LAND CO
Entity Title:	Not reported
Affiliation Address:	2211 MICHELSON DR #500
Affiliation City:	IRVINE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92612
Affiliation Phone:	(949) 339-7000,
Affiliation Type Desc:	Identification Signer
Entity Name:	Kurt Boess
Entity Title:	Regional Facilities Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	OnCore Manufacturing 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:	(818) 734-6500,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ONCORE MANUFACTURING SERVICES
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:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported

AMISTAR (Continued) **1000387986**

Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Kurt Boess
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: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 237 VIA VERA CRUZ
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Owner/Operator
Entity Name: Oncore Manufactoring LLC
Entity Title: Operator
Affiliation Address: 237 Via Vera Cruz
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Name: ONCORE MANUFACTURING SERVICES
Address: 237 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 53848
CERS ID: 10376509
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
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 03/03/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

AMISTAR (Continued) **1000387986**

Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description: Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes: Returned to compliance on 03/03/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
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 03/03/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
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 02/11/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 53848
Site Name: ONCORE MANUFACTURING SERVICES
Violation Date: 02-05-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 02/13/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6102820

AMISTAR (Continued) **1000387986**

Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Walsh Todd Inspection ID:5602114
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4092717
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6102820
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-05-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4092717
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-02-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Walsh Todd Inspection ID:5602114
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 53848
Facility Name: ONCORE MANUFACTURING SERVICES
Env Int Type Code: HWG
Program ID: 10376509
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.139880

AMISTAR (Continued) **1000387986**

Longitude: -117.188830

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	Kurt Boess
Entity Title:	Not reported
Affiliation Address:	237 VIA VERA CRUZ
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Natel Engineering Company Inc
Entity Title:	Not reported
Affiliation Address:	9340 Owensmouth Ave
Affiliation City:	Chatsworth
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91311
Affiliation Phone:	(818) 734-6500,

Affiliation Type Desc:	Property Owner
Entity Name:	BIXBY LAND CO
Entity Title:	Not reported
Affiliation Address:	2211 MICHELSON DR #500
Affiliation City:	IRVINE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92612
Affiliation Phone:	(949) 339-7000,

Affiliation Type Desc:	Identification Signer
Entity Name:	Kurt Boess
Entity Title:	Regional Facilities Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	OnCore Manufacturing 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:	(818) 734-6500,

Affiliation Type Desc:	Parent Corporation
Entity Name:	ONCORE MANUFACTURING SERVICES
Entity Title:	Not reported
Affiliation Address:	Not reported

AMISTAR (Continued) **1000387986**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Kurt Boess
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: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 237 VIA VERA CRUZ
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Owner/Operator
Entity Name: Oncore Manufactoring LLC
Entity Title: Operator
Affiliation Address: 237 Via Vera Cruz
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

HWTS:
Name: AMISTAR
Address: 237 VIA VERA CRUZ
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAD982470445
Inactive Date: 06/30/2008
Create Date: 06/15/1989
Last Act Date: Not reported
Mailing Name: Not reported

AMISTAR (Continued) **1000387986**

Mailing Address:	1269 LINDA VISTA DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MARCOS, CA 920780000
Owner Name:	AMISTAR CORP(BOARD OF DIRS.)
Owner Address:	237 VIA VERA CRUZ
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MARCOS, CA 920690000
Contact Name:	BILL LONGDAIL MFG MGR
Contact Address:	237 VIA VERA CRUZ
Contact Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920690000
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.139632
Longitude:	-117.189693

NAICS:

EPA ID:	CAD982470445
Create Date:	2005-09-27 15:01:35.000
NAICS Code:	334417
NAICS Description:	Electronic Connector Manufacturing
Issued EPA ID Date:	1989-06-15 00:00:00
Inactive Date:	2008-06-30 00:00:00
Facility Name:	AMISTAR
Facility Address:	237 VIA VERA CRUZ
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920782617

L57 **ONCORE MANUFACTURING SERVICES** **RCRA NonGen / NLR** **1024828706**
North **237 VIA VERA CRUZ** **CAL000360819**
1/8-1/4 **SAN MARCOS, CA 92078**
0.230 mi.
1212 ft. **Site 2 of 2 in cluster L**

Relative:
Higher

Actual:
540 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20110204
Handler Name:	ONCORE MANUFACTURING SERVICES
Handler Address:	237 VIA VERA CRUZ
Handler City,State,Zip:	SAN MARCOS, CA 92078-2617
EPA ID:	CAL000360819
Contact Name:	KURT T BOESS
Contact Address:	237 VIA VERA CRUZ
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-798-3267
Contact Fax:	760-737-6776
Contact Email:	KURT.BOESS@ONCOREMS.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

ONCORE MANUFACTURING SERVICES (Continued) **1024828706**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	237 VIA VERA CRUZ
Mailing City,State,Zip:	SAN MARCOS, CA 92078-2617
Owner Name:	NATEL ENGINEERING CO INC
Owner Type:	Other
Operator Name:	KURT T BOESS
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:	20180905

ONCORE MANUFACTURING SERVICES (Continued) **1024828706**

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:	KURT T BOESS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	237 VIA VERA CRUZ
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-798-3267
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NATEL ENGINEERING CO INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	9340 OWENSMOUTH AVENUE
Owner/Operator City,State,Zip:	CHATSWORTH, CA 91311-0000
Owner/Operator Telephone:	818-495-8617
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20110204
Handler Name:	ONCORE MANUFACTURING SERVICES
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:	334419
NAICS Description:	OTHER ELECTRONIC COMPONENT MANUFACTURING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

ONCORE MANUFACTURING SERVICES (Continued) **1024828706**

Evaluation Action Summary:
Evaluations: No Evaluations Found

K58 **FIRESTONE COMPLETE AUTO CARE #793861** **RCRA NonGen / NLR** **1024871887**
WSW **1223 W SAN MARCOS BLVD** **CAL000440533**
1/8-1/4 **SAN MARCOS, CA 92078**
0.231 mi.
1221 ft. **Site 5 of 8 in cluster K**

Relative:
Lower

Actual:
523 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20181102
Handler Name:	FIRESTONE COMPLETE AUTO CARE #793861
Handler Address:	1223 W SAN MARCOS BLVD
Handler City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAL000440533
Contact Name:	BRIAN SMITH
Contact Address:	200 4TH AVE S
Contact City,State,Zip:	NASHVILLE, TN 37201
Contact Telephone:	615-937-9520
Contact Fax:	615-493-3333
Contact Email:	ENVGEN@BFRC.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:	200 4TH AVE S
Mailing City,State,Zip:	NASHVILLE, TN 37201
Owner Name:	BRIDGESTONE RETAIL OPERATIONS LLC
Owner Type:	Other
Operator Name:	BRIAN 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:	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

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **1024871887**

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:	20181120
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:	BRIDGESTONE RETAIL OPERATIONS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 4TH AVE S
Owner/Operator City,State,Zip:	NASHVILLE, TN 37201
Owner/Operator Telephone:	615-937-9520
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	BRIAN SMITH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	200 4TH AVE S

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **1024871887**

Owner/Operator City,State,Zip: NASHVILLE, TN 37201
Owner/Operator Telephone: 615-937-9520
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20181102
Handler Name: FIRESTONE COMPLETE AUTO CARE #793861
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: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

K59 **L&M TIRE COMPANY INC DBA EXPRESS TIRE** **RCRA NonGen / NLR** **1024789949**
WSW **1223 W SAN MARCOS BLVD** **CAL000074253**
1/8-1/4 **SAN MARCOS, CA 92078**
0.231 mi.
1221 ft. **Site 6 of 8 in cluster K**

Relative: RCRA NonGen / NLR:
Lower
Date Form Received by Agency: 19920324
Actual: Handler Name: L&M TIRE COMPANY INC DBA EXPRESS TIRE
523 ft. Handler Address: 1223 W SAN MARCOS BLVD
Handler City,State,Zip: SAN MARCOS, CA 92078-4010
EPA ID: CAL000074253
Contact Name: GRETA WAGGONER
Contact Address: 1148 INDUSTRIAL AVENUE
Contact City,State,Zip: ESCONDIDO, CA 92029
Contact Telephone: 760-741-4044
Contact Fax: 760-741-6891
Contact Email: GRETAW@EXPRESSTIRE.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

L&M TIRE COMPANY INC DBA EXPRESS TIRE (Continued) **1024789949**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1148 INDUSTRIAL AVE
Mailing City,State,Zip:	ESCONDIDO, CA 92029
Owner Name:	L&M TIRE COMPANY INC
Owner Type:	Other
Operator Name:	GRETA WAGGONER
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:	20180905

L&M TIRE COMPANY INC DBA EXPRESS TIRE (Continued) **1024789949**

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:	L&M TIRE COMPANY INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1148 INDUSTRIAL AVE
Owner/Operator City,State,Zip:	ESCONDIDO, CA 92029
Owner/Operator Telephone:	760-741-4044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GRETA WAGGONER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1148 INDUSTRIAL AVENUE
Owner/Operator City,State,Zip:	ESCONDIDO, CA 92029
Owner/Operator Telephone:	760-741-4044
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19920324
Handler Name:	L&M TIRE COMPANY INC DBA EXPRESS TIRE
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:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

L&M TIRE COMPANY INC DBA EXPRESS TIRE (Continued) **1024789949**

Evaluation Action Summary:
Evaluations: No Evaluations Found

K60 **FIRESTONE COMPLETE AUTO CARE #793861** **San Diego Co. HMMD** **S113049959**
WSW **1223 W SAN MARCOS BLVD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078** **HAZNET**
0.231 mi. **CERS**
1221 ft. **Site 7 of 8 in cluster K** **HWTS**

Relative:
Lower

Actual:
523 ft.

HMMD SAN DIEGO:

Name:	FIRESTONE COMPLETE AUTO CARE #793861
Address:	1223 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000440533
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-471-1733 + -
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	09/08/2021
Facility Owner:	Not reported
Facility Mailing Address:	200 4th Ave South Attn: Environmental-BSRO, Nashville , TN 37201
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-103193
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4088928
Return To Compliance Date:	2014-07-07T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-08T00:42:07.000
Inspection Date:	2014-05-02T11:56:00.000
Violation Code:	HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-103193

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4088928
Return To Compliance Date:	2014-05-23T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-08T00:42:07.000
Inspection Date:	2014-05-02T11:56:00.000
Violation Code:	1010008 Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1; 19 CCR 4 2729.4(b), 2729.5.
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-103193
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5428866
Return To Compliance Date:	2016-08-25T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-08T00:42:07.000
Inspection Date:	2016-08-01T15:58:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-103193
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6467984
Return To Compliance Date:	2021-03-19T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-08T00:42:07.000
Inspection Date:	2021-02-19T00:00:00.000
Violation Code:	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-103193
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5428866

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Return To Compliance Date:	2016-08-02T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-08T00:42:07.000
Inspection Date:	2016-08-01T15:58:00.000
Violation Code:	1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-103193
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5428866
Return To Compliance Date:	2016-08-04T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-08T00:42:07.000
Inspection Date:	2016-08-01T15:58:00.000
Violation Code:	3030010 Accumulated waste too long (>180 or 270 days) (>90 days for an acutely hazardous waste). (40 CFR 262.34(e) and (f).) HSC 25201(a); 22 CCR 66262.34(d)

UST DTL:

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-103193
Facility Type (Ust Facility):	Not reported
Tank Owner Name:	Firestone Complete Auto Care
Tankid:	17062
Tank Status:	Removed
Date Ust Permanently Closed:	02/22/1994
Tank Use:	04
Piping System Type:	Not reported
Last Updated:	2021-09-08T00:42:14.000
Tank Capacityin Gallons:	550
Tank Contents:	Not reported
Type Of Tank:	01

Waste and Materials:

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0291893
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-07-10T02:32:11.000
Chemical Name:	Ethylene Glycol
Common Name:	Antifreeze

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0291894
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-07-10T02:32:11.000
Chemical Name: Helium
Common Name: Helium
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0291895
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-07-10T02:32:11.000
Chemical Name: Not reported
Common Name: Lead-Acid Batteries (new/used automotive)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0291896
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-07-10T02:32:11.000
Chemical Name: Petroleum Hydrocarbons
Common Name: Motor Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0260646
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-10T02:32:11.000
Chemical Name: Ethylene Glycol based
Common Name: Used Antifreeze
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0260647
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-10T02:32:11.000
Chemical Name: Aqueous Solution
Common Name: Used Aqueous Parts Washer Solution
Case Number: Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0260648
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-10T02:32:11.000
Chemical Name:	Glycol based
Common Name:	Used Brake Fluid
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0260649
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-10T02:32:11.000
Chemical Name:	Not reported
Common Name:	Used Empty EcoBox Plastic Bags
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0260651
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-10T02:32:11.000
Chemical Name:	Not reported
Common Name:	Used Non-Empty Aerosol Cans
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0260652
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-10T02:32:11.000
Chemical Name:	Not reported
Common Name:	Used Oil Filters (Paper/Metal)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0260653
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-07-10T02:32:11.000
Chemical Name:	Not reported
Common Name:	Used Oily Cleaning Supplies/Absorbents
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0185976
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Used Non-Empty Aerosol Cans (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0185977
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Used Aqueous Parts Washer Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0185978
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Used Paper & Metal Filters (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254370
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Lead Acid Batteries
Common Name: Lead Acid Automotive Batteries
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254371
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Helium
Common Name: Helium Gas
Case Number: 7440-59-7

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224051

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Used Brake Fluid; Glycol based (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224052
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Used Motor Oil; Petroleum Hydrocarbons (AST & Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224053
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Used Oily Cleaning Supplies/Absorbents (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224054
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Used Non-Empty Aerosol Cans (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224055
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Used Aqueous Parts Washer Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224056
Trade Secret: N
Hazardous Material Type: Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Used Paper & Metal Filters (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149698
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-25T02:33:45.000
Chemical Name: OILS, LUBRICATING
Common Name: OIL, LUBRICANT
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254368
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Antifreeze; Ethylene Glycol (Drums)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0254369
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Motor Oil; (AST, Tote Tanks, & EcoBoxes)
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0224050
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-20T03:49:48.000
Chemical Name: Not reported
Common Name: Used Antifreeze; Ethylene Glycol (Drums)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0307839
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Ethylene Glycol

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Common Name: Antifreeze
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0307840
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Not reported
Common Name: Lead-Acid Batteries (newautomotive)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0215712
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Antifreeze; Ethylene Glycol (Drums)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0185975
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Used Oily Cleaning Supplies/Absorbents (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0307841
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Petroleum Hydrocarbons
Common Name: Motor Oil
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0275567
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Ethylene Glycol based
Common Name: Used Antifreeze
Case Number: Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0275568
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Aqueous Solution
Common Name: Used Aqueous Parts Washer Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0275569
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Glycol based
Common Name: Used Brake Fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0275570
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Not reported
Common Name: Used Empty EcoBox Plastic Bags
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0275571
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Petroleum Hydrocarbons
Common Name: Used Motor Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0275572
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Not reported
Common Name: Used Non-Empty Aerosol Cans
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Active Permit: Y
Child Record Id: DEH2021-HWAST-0275573
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Not reported
Common Name: Used Oil Filters (Paper/Metal)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0275574
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-08T00:42:13.000
Chemical Name: Not reported
Common Name: Used Oily Cleaning Supplies/Absorbents
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111461
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-08-26T01:55:19.000
Chemical Name: OILS, LUBRICATING
Common Name: OIL, LUBRICANT
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111462
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-26T01:55:19.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0111463
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-08-26T01:55:19.000
Chemical Name: ETHYLENE GLYCOL
Common Name: NEW ANTIFREEZE
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093179

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-26T01:55:19.000
Chemical Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Common Name: USED ANTIFREEZE
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093180
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-26T01:55:19.000
Chemical Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name: PARTS WASHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093181
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-26T01:55:19.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE & MIXED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0093182
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2016-08-26T01:55:19.000
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name: SUMP SLUDGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0260650
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-07-10T02:32:11.000
Chemical Name: Petroleum Hydrocarbons
Common Name: Used Motor Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149699
Trade Secret: N
Hazardous Material Type: Pure

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Last Updated:	2018-05-25T02:33:45.000
Chemical Name:	NITROGEN LIQUID
Common Name:	NITROGEN
Case Number:	7727-37-9
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149700
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-25T02:33:45.000
Chemical Name:	ETHYLENE GLYCOL
Common Name:	NEW ANTIFREEZE
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0127953
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-25T02:33:45.000
Chemical Name:	WASTE 132 AQUEOUS SOL'N WITH METALS
Common Name:	USED ANTIFREEZE
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0127954
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-25T02:33:45.000
Chemical Name:	WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Common Name:	PARTS WASHER
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0127955
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-25T02:33:45.000
Chemical Name:	WASTE 221 WASTE OIL & MIXED OIL
Common Name:	WASTE & MIXED OIL
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-103193
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0127956
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-25T02:33:45.000
Chemical Name:	WASTE 222 OIL/WATER SEPARATION SLUDGE

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Common Name: SUMP SLUDGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0190754
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-19T03:25:50.000
Chemical Name: Oil, Lubricating: Motor Oil, ATF
Common Name: NEW OIL
Case Number: 8002-05-9

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0190755
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-19T03:25:50.000
Chemical Name: NITROGEN LIQUID
Common Name: NITROGEN
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0190756
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-12-19T03:25:50.000
Chemical Name: ETHYLENE GLYCOL
Common Name: NEW ANTIFREEZE
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0165166
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-19T03:25:51.000
Chemical Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Common Name: WASTE ANTIFREEZE
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0165167
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-19T03:25:51.000
Chemical Name: AQUEOUS SOLUTION
Common Name: PARTS WASHER
Case Number: Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0165168
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-19T03:25:51.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0165169
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-12-19T03:25:51.000
Chemical Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Common Name: SUMP SLUDGE
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0215713
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Motor Oil; (AST & Drums)
Case Number: 64742-53-6

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0185972
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Used Antifreeze; Ethylene Glycol (Drums)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0185973
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Used Brake Fluid; Glycol based (Drum)
Case Number: Not reported

Record ID: DEH2002-HUPFP-103193
Permit Status: Permit Renewed

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0185974
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-19T01:24:04.000
Chemical Name: Not reported
Common Name: Used Motor Oil; Petroleum Hydrocarbons (AST)
Case Number: Not reported

CERS HAZ WASTE:
Name: FIRESTONE COMPLETE AUTO CARE #793861
Address: 1223 W SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 24148
CERS ID: 10375699
CERS Description: Hazardous Waste Generator

HAZNET:
Name: FIRESTONE COMPLETE AUTO CARE #793861
Address: 1223 W SAN MARCOS BLVD
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 372010000
Contact: BRIDGESTONE RETAIL OPERATIONS LLC
Telephone: 6159379520
Mailing Name: Not reported
Mailing Address: 200 4TH AVE SOUTH

Year: 2019
Gepaid: CAL000440533
TSD EPA ID: AZR000521146
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.95000

Year: 2019
Gepaid: CAL000440533
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: 0.12510

Year: 2019
Gepaid: CAL000440533
TSD EPA ID: AZR000515924
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.17500

Year: 2019
Gepaid: CAL000440533
TSD EPA ID: AZR000521146
CA Waste Code: 352 - Other organic solids

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15000
Year:	2018
Gepaid:	CAL000074253
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:	0.11000
Year:	2017
Gepaid:	CAL000074253
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:	0.135
Year:	2013
Gepaid:	CAL000074253
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:	4.17
Year:	2012
Gepaid:	CAL000074253
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:	10.008
Year:	2011
Gepaid:	CAL000074253
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:	5.004
Year:	2010
Gepaid:	CAL000074253
TSD EPA ID:	CAT080013352
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	5.04

Click this hyperlink while viewing on your computer to access
22 additional CA HAZNET: record(s) in the EDR Site Report.

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Additional Info:

Year:	2010
Gen EPA ID:	CAL000074253
Shipment Date:	20100413
Creation Date:	8/3/2010 18:30:27
Receipt Date:	20100413
Manifest ID:	006510219JJK
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:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	5.04
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

Additional Info:

Year:	1993
Gen EPA ID:	CAL000074253
Shipment Date:	19931221
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931221
Manifest ID:	93327109
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:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.838
Waste Quantity:	1400
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

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Shipment Date:	19930119
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930129
Manifest ID:	90861088
Trans EPA ID:	CAD981161706
Trans Name:	Not reported
Trans 2 EPA ID:	CAD028277036
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:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
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:	2000
Gen EPA ID:	CAL000074253

Shipment Date:	20001211
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001214
Manifest ID:	20390819
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:	0.0168
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:	20001101
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001101
Manifest ID:	99365889
Trans EPA ID:	CAD028277036

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

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:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	4.7955
Waste Quantity:	1150
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:	CAL000074253
Shipment Date:	20120613
Creation Date:	10/3/2012 22:15:09
Receipt Date:	20120613
Manifest ID:	010157043JJK
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:	5.004
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:	20120213
Creation Date:	4/17/2012 20:30:11
Receipt Date:	20120213
Manifest ID:	009571663JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

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:	5.004
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

Additional Info:

Year:	2011
Gen EPA ID:	CAL000074253
Shipment Date:	20110506
Creation Date:	6/28/2011 18:30:12
Receipt Date:	20110506
Manifest ID:	008156817JJK
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:	5.004
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

Additional Info:

Year:	2004
Gen EPA ID:	CAL000074253
Shipment Date:	20040527
Creation Date:	11/1/2004 9:00:46
Receipt Date:	20040527
Manifest ID:	22039688
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

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:	NONE
Meth Code:	- Not reported
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:	20040518
Creation Date:	10/15/2004 10:47:43
Receipt Date:	20040520
Manifest ID:	23507233
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:	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:	20040223
Creation Date:	9/10/2004 8:42:02
Receipt Date:	20040225
Manifest ID:	22587412
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:	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

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

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:	2006
Gen EPA ID:	CAL000074253
Shipment Date:	20061212
Creation Date:	4/19/2007 18:31:22
Receipt Date:	20061212
Manifest ID:	001606221JJK
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:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
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

Additional Info:

Year:	2001
Gen EPA ID:	CAL000074253
Shipment Date:	20011120
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011120
Manifest ID:	21354930
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:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Quantity Tons:	3.753
Waste Quantity:	900
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:	20010524
Creation Date:	7/20/2001 0:00:00
Receipt Date:	20010530
Manifest ID:	20644550
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:	20010305
Creation Date:	4/30/2001 0:00:00
Receipt Date:	20010309
Manifest ID:	20372908
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:	0.0168
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

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Additional Info:

Year:	1999
Gen EPA ID:	CAL000074253
Shipment Date:	19990706
Creation Date:	8/24/1999 0:00:00
Receipt Date:	19990706
Manifest ID:	99240195
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:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3.753
Waste Quantity:	900
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:	19990602
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990602
Manifest ID:	97219949
Trans EPA ID:	CAD982403198
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:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.46
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

Additional Info:

Year:	2008
Gen EPA ID:	CAL000074253

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Shipment Date:	20080401
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080401
Manifest ID:	000517632JJK
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:	7.506
Waste Quantity:	1800
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:	20080109
Creation Date:	3/12/2008 18:30:18
Receipt Date:	20080109
Manifest ID:	003560406JJK
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:	5.004
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

Additional Info:

Year:	2013
Gen EPA ID:	CAL000074253

Shipment Date:	20130719
Creation Date:	9/15/2013 22:15:33
Receipt Date:	20130719

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Manifest ID:	011470327JJK
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:	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

Additional Info:

Year:	1994
Gen EPA ID:	CAL000074253
Shipment Date:	19940222
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940228
Manifest ID:	93271598
Trans EPA ID:	CAD982525024
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:	0.2085
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:	2003
Gen EPA ID:	CAL000074253
Shipment Date:	20031205
Creation Date:	8/9/2004 8:48:13

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Receipt Date:	20031209
Manifest ID:	23307827
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:	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:	20030904
Creation Date:	7/29/2004 7:46:19
Receipt Date:	20030909
Manifest ID:	22512797
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:	0.021
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

Additional Info:

Year:	2005
Gen EPA ID:	CAL000074253

Shipment Date:	20051209
Creation Date:	3/22/2006 18:30:36
Receipt Date:	20051209
Manifest ID:	24834615
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

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:	5.004
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:	20050315
Creation Date:	7/21/2005 18:31:13
Receipt Date:	20050323
Manifest ID:	24018184
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:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
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

Shipment Date:	20050222
Creation Date:	6/2/2005 18:30:59
Receipt Date:	20050222
Manifest ID:	24008533
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:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	5.421

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

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

Additional Info:

Year:	2002
Gen EPA ID:	CAL000074253
Shipment Date:	20020522
Creation Date:	8/29/2002 18:31:16
Receipt Date:	20020522
Manifest ID:	21667282
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:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
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:	20020114
Creation Date:	6/7/2002 18:30:54
Receipt Date:	20020122
Manifest ID:	20923457
Trans EPA ID:	CAD028277036
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:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F002
Meth Code:	R01 - Recycler
Quantity Tons:	1.0008
Waste Quantity:	240
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000074253
Shipment Date:	20090410
Creation Date:	5/29/2009 18:30:32
Receipt Date:	20090410
Manifest ID:	005562324JJK
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:	4.3785
Waste Quantity:	1050
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:	CAL000074253
Shipment Date:	20170817
Creation Date:	5/29/2018 18:30:34
Receipt Date:	20170825
Manifest ID:	017732708JJK
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:	US ECOLOGY VERNON 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:	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

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170328
Creation Date:	5/4/2018 18:30:58
Receipt Date:	20170411
Manifest ID:	016857803JJK
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:	US ECOLOGY VERNON 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:	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

CERS:

Name:	FIRESTONE COMPLETE AUTO CARE #793861
Address:	1223 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	24148
CERS ID:	10375699
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	24148
Site Name:	Firestone Complete Auto Care #793861
Violation Date:	05-02-2014
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 05/23/2014. Inspection Sequence ID:4088928
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	24148
Site Name:	Firestone Complete Auto Care #793861
Violation Date:	05-02-2014

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/07/2014. Inspection Sequence ID:4088928;Violation:HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	24148
Site Name:	Firestone Complete Auto Care #793861
Violation Date:	08-01-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/25/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	24148
Site Name:	Firestone Complete Auto Care #793861
Violation Date:	02-19-2021
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 a site map with all required content.
Violation Notes:	Returned to compliance on 03/19/2021. Inspection Sequence ID:6467984
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	24148
Site Name:	Firestone Complete Auto Care #793861
Violation Date:	08-01-2016
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 08/04/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	24148
Site Name:	Firestone Complete Auto Care #793861

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Violation Date: 08-01-2016
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 08/02/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-19-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6467984
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5960724
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5428866
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: North HN004 Inspection ID:4088928
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: North HN004 Inspection ID:4088928
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5960724
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5428866
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 200 4th Ave South Attn: Environmental-BSRO
Affiliation City: Nashville
Affiliation State: TN
Affiliation Country: Not reported
Affiliation Zip: 37201
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Sheila Caballero
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: ,

Affiliation Type Desc: Identification Signer
Entity Name: Sheila Caballero
Entity Title: Environmental Compliance Specialist
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Sheila Caballero-BSRO
Entity Title: Not reported
Affiliation Address: 200 4th Avenue South Attn: Environmental-BSRO
Affiliation City: Nashville
Affiliation State: TN
Affiliation Country: Not reported
Affiliation Zip: 37201
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Bridgestone Retail Operations, LLC
Entity Title: Not reported
Affiliation Address: 200 4th Ave South Attn: Environmental-BSRO
Affiliation City: Nashville
Affiliation State: TN
Affiliation Country: United States
Affiliation Zip: 37201
Affiliation Phone: (209) 482-5486,

Affiliation Type Desc: Operator
Entity Name: FIRESTONE COMPLETE AUTO CARE
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: (760) 471-1733,

Affiliation Type Desc: Parent Corporation
Entity Name: Bridgestone Retail Operations, LLC. (BSRO)
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: ,

HWTS:
Name: FIRESTONE COMPLETE AUTO CARE #793861
Address: 1223 W SAN MARCOS BLVD
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000440533
Inactive Date: Not reported
Create Date: 11/02/2018
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 200 4TH AVE SOUTH
Mailing Address 2: Not reported
Mailing City,State,Zip: NASHVILLE, TN 372010000
Owner Name: BFS RETAIL & COMMERICAL LLC

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

Owner Address: 200 4TH AVE SOUTH
Owner Address 2: Not reported
Owner City,State,Zip: NASHVILLE, TN 372010000
Contact Name: SHEILA CABALLERO
Contact Address: 200 4TH AVE SOUTH
Contact Address 2: Not reported
City,State,Zip: NASHVILLE, TN 372017201
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.132636
Longitude: -117.194517

NAICS:
EPA ID: CAL000440533
Create Date: 2018-11-02 08:55:44.570
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2018-11-02 08:55:44.53700
Inactive Date: Not reported
Facility Name: FIRESTONE COMPLETE AUTO CARE #793861
Facility Address: 1223 W SAN MARCOS BLVD
Facility Address 2: Not reported
Facility City: SAN MARCOS
Facility County: Not reported
Facility State: CA
Facility Zip: 92078

Name: L&M TIRE COMPANY INC DBA EXPRESS TIRE
Address: 1223 W SAN MARCOS BLVD
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000074253
Inactive Date: 06/30/2021
Create Date: 03/24/1992
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 1148 INDUSTRIAL AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: ESCONDIDO, CA 92029
Owner Name: L&M TIRE COMPANY INC
Owner Address: 1148 INDUSTRIAL AVE
Owner Address 2: Not reported
Owner City,State,Zip: ESCONDIDO, CA 92029
Contact Name: GRETA WAGGONER
Contact Address: 1148 INDUSTRIAL AVENUE
Contact Address 2: Not reported
City,State,Zip: ESCONDIDO, CA 92029
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.694144
Longitude: -117.952232

NAICS:
EPA ID: CAL000074253
Create Date: 2005-01-06 14:20:17.170

FIRESTONE COMPLETE AUTO CARE #793861 (Continued) **S113049959**

NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	1992-03-24 00:00:00
Inactive Date:	Not reported
Facility Name:	L&M TIRE COMPANY INC DBA EXPRESS TIRE
Facility Address:	1223 W SAN MARCOS BLVD
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920784010

K61 **EXPRESS TIRE** **San Diego Co. HMMD** **S106060313**
WSW **1223 W SAN MARCOS BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069**
0.231 mi.
1221 ft. **Site 8 of 8 in cluster K**

Relative:
Lower

Actual:
523 ft.

HMMD SAN DIEGO:

Name:	DBA EXPRESS TIRE
Address:	1223 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	103193
Business Type:	6HK26
EPA Id Number:	CAL000074253
APN:	221-041-24-00
Last HMMD Inspection:	06/22/2010
Facility Telephone:	760-471-1733
Permit Status:	OPEN
Permit Expiration:	06/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	L & M TIRE INC
Facility Mailing Address:	1148 INDUSTRIAL AV
Facility Mailing City:	ESCONDIDO
Facility Mailing State:	CA
Facility Mailing Zip:	92029-
UST Owner:	L & M TIRE COMPANY
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ETHYLENE GLYCOL
Other Information:	ANTIFREEZE
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	103193
Update Date:	11/02/2012
Case Number:	7727-37-9

EXPRESS TIRE (Continued) **S106060313**

Name:	NITROGEN LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	OIL 10W-30; GREASE; ATF
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	ANTIFREEZE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	LEAD ACID BATTERIES
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 451 DEGREASING SLUDGE
Other Information:	SUMP SLUDGE
Material Waste:	Waste

EXPRESS TIRE (Continued) **S106060313**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 103193
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: WASTE OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 06/22/2010
Violation Code: 6HV0219
Violation: OIL/FUEL NOT SEGREGATED FROM FILTERS
Violation Citation: Failed to properly segregate used oil &/or fuel drained from filters. 66266.130(c)(6) or 25250.22(b)(4)
Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 06/22/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 06/22/2010
Violation Code: 6HV0234
Violation: FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 11/24/2003
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 11/24/2003
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

EXPRESS TIRE (Continued) **S106060313**

Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 11/24/2003
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 103193 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 103193
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 550
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 1994-02-22 00:00:00
Year Installed: 1985-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 24
UST Monitor Method: VISUAL MONITORING: DAILY (MINIMUM) LOG OF INSPECTIONS

Name: DBA EXPRESS TIRE
Address: 1223 W SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 103193
Business Type: 6HK26
EPA Id Number: CAL000074253
APN: 221-041-24-00
Last HMMD Inspection: 06/22/2010
Facility Telephone: 760-471-1733
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: L & M TIRE INC
Facility Mailing Address: 1148 INDUSTRIAL AV
Facility Mailing City: ESCONDIDO
Facility Mailing State: CA
Facility Mailing Zip: 92029-
UST Owner: L & M TIRE COMPANY
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 103193

EXPRESS TIRE (Continued) **S106060313**

Update Date:	11/02/2012
Case Number:	Not reported
Name:	ETHYLENE GLYCOL
Other Information:	ANTIFREEZE
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN LIQUID
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	CRYOGENIC
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	OIL 10W-30; GREASE; ATF
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	ANTIFREEZE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	103193
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES

EXPRESS TIRE (Continued) **S106060313**

Other Information: LEAD ACID BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 103193
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 451 DEGREASING SLUDGE
Other Information: SUMP SLUDGE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 103193
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: WASTE OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 06/22/2010
Violation Code: 6HV0219
Violation: OIL/FUEL NOT SEGREGATED FROM FILTERS
Violation Citation: Failed to properly segregate used oil &/or fuel drained from filters. 66266.130(c)(6) or 25250.22(b)(4)
Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 06/22/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 06/22/2010
Violation Code: 6HV0234
Violation: FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity: ACTIVE

Permit Number: 103193
Update Date: 11/02/2012
Inspection Date: 11/24/2003
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained

EXPRESS TIRE (Continued) **S106060313**

	onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity:	ACTIVE
Permit Number:	103193
Update Date:	11/02/2012
Inspection Date:	11/24/2003
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	ACTIVE
Permit Number:	103193
Update Date:	11/02/2012
Inspection Date:	11/24/2003
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE

UST:

UST Name:	UNDERGROUND TANK 103193 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	103193
Tank Type:	SINGLE WALL
Additional Id:	1
Capacity Gallons:	550
UST Contents:	Not reported
Other Content Info:	WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	1994-02-22 00:00:00
Year Installed:	1985-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	24
UST Monitor Method:	VISUAL MONITORING: DAILY (MINIMUM) LOG OF INSPECTIONS

SWEEPS UST:

Name:	EXPRESS TIRE
Address:	1223 W SAN MARCOS BLVD
City:	SAN MARCOS
Status:	Active
Comp Number:	3193
Number:	9
Board Of Equalization:	44-021813
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-003193-000001
Tank Status:	A
Capacity:	550

EXPRESS TIRE (Continued) **S106060313**

Active Date: Not reported
Tank Use: PETROLEUM
STG: W
Content: Not reported
Number Of Tanks: 1

M62 **ADVANCED HONEYCOMB TECHNOLOGIES CORP** **RCRA NonGen / NLR** **1025876614**
NE **1015 LINDA VISTA DR BLDG C** **CAL000449750**
1/8-1/4 **SAN MARCOS, CA 92078**
0.236 mi.
1246 ft. **Site 1 of 11 in cluster M**

Relative: **Higher**
Actual: **540 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20191008
Handler Name:	ADVANCED HONEYCOMB TECHNOLOGIES CORP
Handler Address:	1015 LINDA VISTA DR BLDG C
Handler City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAL000449750
Contact Name:	MEHMET YAGLI
Contact Address:	1015 LINDA VISTA DR BLDG C
Contact City,State,Zip:	SAN MARCOS, CA 92078
Contact Telephone:	760-744-3200
Contact Fax:	760-744-4205
Contact Email:	MEHMET@AHTINC.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:	1015 LINDA VISTA DR BLDG C
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	KORDSA INC
Owner Type:	Other
Operator Name:	MEHMET YAGLI
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

ADVANCED HONEYCOMB TECHNOLOGIES CORP (Continued) **1025876614**

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:	20191011
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:	KORDSA INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1015 LINDA VISTA DR BLDG C
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-3200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MEHMET YAGLI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

ADVANCED HONEYCOMB TECHNOLOGIES CORP (Continued) **1025876614**

Owner/Operator Address: 1015 LINDA VISTA DR BLDG C
Owner/Operator City,State,Zip: SAN MARCOS, CA 92078
Owner/Operator Telephone: 760-744-3200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20191008
Handler Name: ADVANCED HONEYCOMB TECHNOLOGIES CORP
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: 541713
NAICS Description: RESEARCH AND DEVELOPMENT IN NANOTECHNOLOGY

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

M63 **PARKSON DIVISION** **SWEEPS UST** **S106930505**
NE **1015 LINDA VISTA RD** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069**
0.236 mi.
1246 ft. **Site 2 of 11 in cluster M**

Relative: **Higher**
Actual: **540 ft.**

SWEEPS UST:
Name: PARKSON DIVISION
Address: 1015 LINDA VISTA RD
City: SAN MARCOS
Status: Not reported
Comp Number: 8659
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-008659-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

PARKSON DIVISION (Continued) **S106930505**

Content:	REG UNLEADED
Number Of Tanks:	1
Name:	PARKSON DIVISION
Address:	1015 LINDA VISTA RD
City:	SAN MARCOS
Status:	Active
Comp Number:	8659
Number:	9
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

M64 **CHURCHS PEST REMOVERS** **RCRA-SQG 1000354485**
NE **1015 LINDA VISTA DR BLDG B** **FINDS CAD981433725**
1/8-1/4 **SAN MARCOS, CA 92069** **ECHO**
0.236 mi.
1246 ft. **Site 3 of 11 in cluster M**

Relative: **Higher**
Actual: **540 ft.**

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	CHURCHS PEST REMOVERS
Handler Address:	1015 LINDA VISTA DR BLDG B
Handler City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAD981433725
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:	4
Mailing Address:	LINDA VISTA DR BLDG B
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	SOUTHWEST GROWERS
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No

CHURCHS PEST REMOVERS (Continued) **1000354485**

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:	20000915
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:	No

CHURCHS PEST REMOVERS (Continued) **1000354485**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SOUTHWEST GROWERS
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
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:	19960901
Handler Name: CHURCHS PEST REMOVERS	
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

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: 110002703575

Click Here:

CHURCHS PEST REMOVERS (Continued) **1000354485**

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:	1000354485
Registry ID:	110002703575
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002703575
Name:	CHURCHS PEST REMOVERS
Address:	1015 LINDA VISTA DR BLDG B
City,State,Zip:	SAN MARCOS, CA 92069

M65 **CROP PRODUCTION SERVICES INC** **RCRA NonGen / NLR** **1024788106**
NE **1015 LINDA VISTA DR BLDG B** **CAL000041392**
1/8-1/4 **SAN MARCOS, CA 92078**
0.236 mi.
1246 ft. **Site 4 of 11 in cluster M**

Relative: **Higher**

Actual: **540 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	19910215
Handler Name:	CROP PRODUCTION SERVICES INC
Handler Address:	1015 LINDA VISTA DR BLDG B
Handler City,State,Zip:	SAN MARCOS, CA 92078-2613
EPA ID:	CAL000041392
Contact Name:	EVAN RUDOMEN
Contact Address:	3005 ROCKY MOUNTAIN AVE
Contact City,State,Zip:	LOVELAND, CO 80538-0000
Contact Telephone:	970-685-3375
Contact Fax:	970-685-3911
Contact Email:	EVAN.RUDOMEN@CPSAGU.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:	3005 ROCKY MOUNTAIN AVE
Mailing City,State,Zip:	LOVELAND, CO 80538-0000
Owner Name:	CROP PRODUCTION SERVICES, INC.
Owner Type:	Other
Operator Name:	EVAN RUDOMEN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

CROP PRODUCTION SERVICES INC (Continued) **1024788106**

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:	20180905
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:	EVAN RUDOMEN
Legal Status:	Other
Date Became Current:	Not reported

CROP PRODUCTION SERVICES INC (Continued) **1024788106**

Date Ended Current:	Not reported
Owner/Operator Address:	3005 ROCKY MOUNTAIN AVE
Owner/Operator City,State,Zip:	LOVELAND, CO 80538-0000
Owner/Operator Telephone:	970-685-3375
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	CROP PRODUCTION SERVICES, INC.
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3005 ROCKY MOUNTAIN AVE
Owner/Operator City,State,Zip:	LOVELAND, CO 80538-0000
Owner/Operator Telephone:	970-685-3300
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19910215
Handler Name:	CROP PRODUCTION SERVICES INC
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:	4229
NAICS Description:	MISCELLANEOUS NONDURABLE GOODS WHOLESALERS
NAICS Code:	44422
NAICS Description:	NURSERY, GARDEN CENTER, AND FARM SUPPLY STORES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

M66 **ADVANCED HONEYCOMB TECH.,INC** **CERS HAZ WASTE** **S123509110**
NE **1015 LINDA VISTA DR BLDG C** **CERS** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078**
0.236 mi.
1246 ft. **Site 5 of 11 in cluster M**

Relative:
Higher

Actual:
540 ft.

CERS HAZ WASTE:
Name: ADVANCED HONEYCOMB TECH.,INC
Address: 1015 LINDA VISTA DR BLDG C
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 3236
CERS ID: 10375927
CERS Description: Hazardous Waste Generator

CERS:
Name: ADVANCED HONEYCOMB TECH.,INC
Address: 1015 LINDA VISTA DR BLDG C
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 3236
CERS ID: 10375927
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 3236
Site Name: ADVANCED HONEYCOMB TECH.,INC
Violation Date: 07-28-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: Returned to compliance on 09/23/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 3236
Site Name: ADVANCED HONEYCOMB TECH.,INC
Violation Date: 07-28-2016
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 07/28/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5957534

ADVANCED HONEYCOMB TECH.,INC (Continued) **S123509110**

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5416004
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-26-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5957534
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5416004
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-17-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6470441
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Mehmet Yagli
Entity Title: Not reported
Affiliation Address: 1015 LINDA VISTA DR
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1015 LINDA VISTA DR Building C
Affiliation City: SAN MARCOS
Affiliation State: CA

ADVANCED HONEYCOMB TECH.,INC (Continued) **S123509110**

Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	dave michaels
Entity Title:	Quality Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Don Hubbard/Hubbard Properties
Entity Title:	Not reported
Affiliation Address:	1015 Linda Vista Drive Building A
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 732-3241,
Affiliation Type Desc:	Document Preparer
Entity Name:	dave michaels
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:	,
Affiliation Type Desc:	Operator
Entity Name:	ADVANCED HONEYCOMB TECH.,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:	(760) 744-3200,
Affiliation Type Desc:	Parent Corporation
Entity Name:	ADVANCED HONEYCOMB TECH.,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:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported

ADVANCED HONEYCOMB TECH.,INC (Continued) **S123509110**

Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Legal Owner
Entity Name:	Kordsa Inc.
Entity Title:	Not reported
Affiliation Address:	1015 LINDA VISTA DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-3200,

M67 **DON HUBBARD CONTRACTING CO** **AST** **S106060673**
NE **1015 LINDA VISTA DR** **San Diego Co. HMMD** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078** **CERS HAZ WASTE**
0.236 mi. **CHMIRS**
1246 ft. **Site 6 of 11 in cluster M** **CERS**

Relative: **Higher**

Actual: **540 ft.**

AST:

Name:	DON HUBBARD CONTRACTING CO
Address:	1015 LINDA VISTA DR #A
City/Zip:	SAN MARCOS,
Certified Unified Program Agencies:	San Diego
Owner:	DON HUBBARD
Total Gallons:	1900
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

HMMD SAN DIEGO:

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Name:	NUTRIEN AG SOLUTIONS-SAN MARCOS
Address:	1015 LINDA VISTA DR B
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000041392
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-744-2514
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	01/07/2022
Facility Owner:	Not reported
Facility Mailing Address:	1015 LINDA VISTA DR suite B, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	N
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-210762
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5159191
Return To Compliance Date:	2016-07-07T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-07T01:00:46.000
Inspection Date:	2016-06-14T11:09:00.000
Violation Code:	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2) and 25508(a)(1)(A)

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-210762
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4146976
Return To Compliance Date:	2015-09-01T00:00:00.000
Nov:	Yes
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-07T01:00:46.000
Inspection Date:	2014-01-23T14:29:00.000
Violation Code:	HMD1013 Copy of HMBP not onsite for inspector’s review. 25505(e).

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-210762
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4146976
Return To Compliance Date:	2014-01-30T00:00:00.000
Nov:	Yes
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-07T01:00:46.000
Inspection Date:	2014-01-23T14:29:00.000
Violation Code:	HMD0223 Empty cont/liner mgmt Failed to properly empty container, or failed to manage non-empty container or inner liner removed from a container. 22CCR 66261.7(b), (d) &/or (r).

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-210762
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5159191
Return To Compliance Date:	2016-07-07T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-01-07T01:00:46.000
Inspection Date:	2016-06-14T11:09:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Waste and Materials:

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107365
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Sulfate of Potash
Common Name:	0-0-50 GREENS 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107371
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Monoammonium Phosphate
Common Name:	11-52-0 MAP Simplot 14010 50#
Case Number:	7722-76-1

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107373
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Potassium Nitrate
Common Name:	13-0-46 MULTI-K MGN MIN PR 50#
Case Number:	7757-79-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107377
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	15-0-15 Peters PL Dark 99260
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107378
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Calcium Nitrate
Common Name:	15.5-0-0 Calcium Nitrate / Solution Grade
Case Number:	10124-37-5

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107379
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	15-5-15 Cal Mag
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107380
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	FERTILIZER MIXTURE
Common Name:	15-15-15 Hydroprills
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107387
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-16-16 ME MINORS / Hydro
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107393
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-2-12 Bloom Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107394
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-6-13 APEX NPK/Osmocote 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107399
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-10-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107400
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-20-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107402

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Amonium sulfate
Common Name: 21-0-0-24S AM SUL 50# PROLINE
Case Number: 7783-20-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107405
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-14 Turf Royale/YARA Mila
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107410
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 28-8-18 PROSOL 25#/Bent Special
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107413
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 30-10-10 High Nitro Foliar
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107416
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: UREA
Common Name: 43-0-0 Spread it Forget It
Case Number: 57-13-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107417
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2016-09-14T02:31:32.000
Chemical Name: UREA
Common Name: 46-0-0 (LOW BI UREA) 50#
Case Number: 57-13-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107418
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: UREA
Common Name: 46-0-0 PRILLED UREA 50LB
Case Number: 57-13-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107419
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 6-24-24 XB SIMPLOT
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107420
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Micronutrient
Common Name: 9-9-9 SUPER FE SIMP 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107421
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Hydrated Sodium Calcium Aluminosilicate
Common Name: AZOMITE MICRONIZED 44LB
Case Number: 1344-01-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107422
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Calcium Sulfate

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: CAL CM PLUS STD/MINI PRILL 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107423
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: CAN 27 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107424
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Magnesium Sulfate
Common Name: EPSOTOP MAGNESIUM SULFATE 55.10LB
Case Number: 10034-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107426
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Dry Fertilizer Mixture
Common Name: FEATURE 6-0-0 15X3LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107428
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: FERROUS SULFATE HEPTAHYDRATE
Common Name: IRON SULFATE 20%/30%/Deep Green
Case Number: 7782-63-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107429
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Water Soluble Fertilizer
Common Name: PETERS PRO GP 20-20-20 99290
Case Number: mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107434
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Sulfur
Common Name:	Sulfur Tiger 90
Case Number:	7704-34-9

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107435
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Purified Phosphoric Acid
Common Name:	0-55-0 DRIP GRADE ACID FERTILIZER
Case Number:	7664-38-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107436
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Ammonium Nitrate
Common Name:	Calcium Ammonium Nitrate 17-0-0
Case Number:	6484-52-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107437
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Ammonium Nitrate
Common Name:	AN-20
Case Number:	6484-52-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107438
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	UREA - AMMONIUM NITRATE SOLUTION
Common Name:	32-0-0 UAN SOLUTION
Case Number:	6484-52-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107439
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: POTASSIUM THIOSULFATE
Common Name: 0-0-25-17S KTS LIQUID
Case Number: 10294-66-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107440
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Mono Carbamide Dihydrogen Sulfate
Common Name: 15/49 N/Phuric
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107441
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Hydrated Ammonium Calcium Nitrate Double Salt
Common Name: 9-0-0 CN Liq
Case Number: 252245-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107442
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: CAPTAN
Common Name: CAPTAN 80WDG
Case Number: 133-06-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107443
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Pyrethroid Pesticide
Common Name: Capture 2EC-CAL
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107444

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Fungicide / Bactericide
Common Name:	Cease
Case Number:	MIXTURE
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107445
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	AQUEOUS MIXTURE OF SALTS
Common Name:	CHOICE WEATHER MASTER
Case Number:	MIXTURE
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107446
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Propiconazole
Common Name:	Concert II
Case Number:	MIXTURE
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107447
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Copper Sulfate Pentahydrate
Common Name:	Copper Sulfate
Case Number:	7758-99-8
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107448
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Sulfur
Common Name:	Cosavet 80 DF
Case Number:	7704-34-9
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107449
Trade Secret:	N
Hazardous Material Type:	Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2016-09-14T02:31:32.000
Chemical Name: ISOPROPYLAMINE SALT OF GLYPHOSATE
Common Name: CREDIT 41 EXTRA
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107450
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Fungicide
Common Name: Cueva
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107451
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Chlorothalonil
Common Name: Daconil Ultrex
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107452
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Chlorothalonil
Common Name: Daconil Weatherstik
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107453
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: METALDEHYDE
Common Name: DEADLINE M-PS/Bullets
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107454
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Diazinon

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Diazinon AG 500
Case Number: 333-41-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107455
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: BACILLUS THURINGIENSIS, SUBSP. KURSTAKI
Common Name: DIPEL DF
Case Number: 68038-71-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107456
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Ethyl Alcohol
Common Name: Dip'N Grow
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107457
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: MANCOZEB
Common Name: DITHANE DF RAINSHIELD
Case Number: 8018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107458
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: MYCLOBUTANIL
Common Name: EAGLE 20EW
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107459
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Chlorothalonil
Common Name: Ensign 720
Case Number: 1897-45-6

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107460
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Iron Phosphaste
Common Name:	FC Sluggo Snail & Slug Bait
Case Number:	10045-86-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107461
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Sodium Ferric EDTA
Common Name:	Ferroxx
Case Number:	Mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107462
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Mancozeb
Common Name:	Fore 80WP Rainshield
Case Number:	008018-01-7

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107463
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	COPPER SULFATE PENTAHYDRATE ALGAE CONTROL
Common Name:	FORMULA F-30 ALGAE CONTROL
Case Number:	7758-99-8

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107464
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Pendimethalin
Common Name:	Freehand 1.75G
Case Number:	40487-42-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107465
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Isoxaben
Common Name: Gallery 75 DF
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107466
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Mineral Oil
Common Name: Gavicide Green, Leaf Life
Case Number: 8042-47-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107467
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: Glyphosphate Plus
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107469
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Paraquat Dichloride
Common Name: Gramoxone SL
Case Number: 1910-42-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107470
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Sodium Percarbonate
Common Name: GreenClean Pro
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107471

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Phosmet
Common Name: Imidian 70-W
Case Number: 732-11-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107472
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Kleen Up Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107473
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: COPPER HYDROXIDE
Common Name: KOCIDE 3000
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107474
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Bromacil
Common Name: Krovar DF
Case Number: 3147-40-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107504
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Alkoxylated Polyols
Common Name: Revert
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107475
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2016-09-14T02:31:32.000
Chemical Name: BLEND OF METHYLACETIC ACID, LECITHIN & SURFACTANT
Common Name: LI 700
Case Number: 79-09-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107476
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: LECITHIN, METHYL ESTERS OF FATTY ACIDS, & ALCOHOL ETHOXYLATE
Common Name: LIBERATE WITH LECI-TECH
Case Number: 34398-01-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107477
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: CHLORPYRIFOS
Common Name: LORSBAN 15G
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107478
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Potassium Laureate
Common Name: M-Pede
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107479
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: MAKAZE
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107480
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Malathion

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Malathion 8 Aquamol
Case Number: 121-75-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107481
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Imidacloprid
Common Name: Malice 0.5 G 30 lbs
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107482
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Imidacloprid
Common Name: Marathon 1G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107483
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: IMIDACLOPRID
Common Name: MERIT 0.5 G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107484
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 3.5%
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107485
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 7.5
Case Number: 108-62-3

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107486
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Sulfur, micronized
Common Name: Microthiol Disperss
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107487
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Potassium Bicarbonate
Common Name: MILSTOP
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107488
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Desinfectant
Common Name: Nacco San
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107489
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Cuprous Oxide
Common Name: Nordox 75WG
Case Number: 1317-39-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107490
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Copper hydroxide (Cu(OH)2)
Common Name: Nu-Cop 50 DF
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107491
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Oxyfluorfen
Common Name: OH2
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107492
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Distillates (petroleum), solvent-refined heavy paraffinic
Common Name: Oil Ultrapure
Case Number: 64741-88-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107493
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Triclopyr, Butoxy Ethyl Ester
Common Name: Pathfinder II
Case Number: 64700-56-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107494
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Diphacinone
Common Name: PCQ Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107495
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Quaternary ammonium compound
Common Name: Physan 20
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107496

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Trinexapac-Ethyl
Common Name: Primo Maxx
Case Number: 95266-40-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107497
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Propiconazole
Common Name: Procon Z
Case Number: 60207-90-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107498
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Ethephon
Common Name: Proxy
Case Number: 16672-87-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107499
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 1.4 II
Case Number: Not reported

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107500
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: PYRETHRIN
Common Name: PYGANIC EC 5.0
Case Number: 00803-34-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107501
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Ammonium Salt of Glyphosate
Common Name: Quikpro
Case Number: 114370-14-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107502
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: 2-Diphenylacetyl-1,3-Indandione
Common Name: Ramik Green Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107503
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Ranger Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107505
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: DIQUAT DIBROMIDE
Common Name: REWARD
Case Number: 85-00-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107506
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Glyphosate-Isopropylamine
Common Name: Rodeo
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107507
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Oxadizon

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	Ronstar G
Case Number:	19666-30-9
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107508
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Potassium Salt of Glyphosate
Common Name:	ROUNDUP POWERMAX
Case Number:	70901-12-1
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107509
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Potassium Salt of Glyphosate
Common Name:	Roundup Pro Concentrate
Case Number:	70901-12-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107510
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Potassium Salt of Glyphosate
Common Name:	Roundup Promax/Custom
Case Number:	70901-12-1
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107511
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Oxyfluorfen
Common Name:	Rout
Case Number:	42874-03-3
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0107512
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2016-09-14T02:31:32.000
Chemical Name:	Dinotefuran
Common Name:	Safari 20 SG
Case Number:	165252-70-0

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107513
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Pelargonic Acid
Common Name: Scythe
Case Number: 112-05-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107514
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: SPINOSAD
Common Name: SEDUCE INSECT BAIT
Case Number: organic

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107515
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: CARBARYL
Common Name: SEVIN SL
Case Number: 63-25-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107517
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Trifluralin
Common Name: Showcase
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107518
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Simazine
Common Name: Simazine 90 DF
Case Number: 122-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107519
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Trifluralin
Common Name: Snapshot 2.5tg 50lb Dow Herbicide
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107520
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Not reported
Common Name: Speed Zone Southern
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107521
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Mefenoxam
Common Name: Subdue Maxx
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107522
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Metalaxyl
Common Name: Subdue GR
Case Number: 57837-19-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107523
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Sulfur
Common Name: Sulfur Dusting 98%
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107524

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Oryzalin
Common Name: Surflan AS
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107525
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: ORYZALIN
Common Name: Surflan AS Speciality
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107526
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Kaolin, calcined
Common Name: Surround WP
Case Number: Not reported

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107527
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Bifenthrin
Common Name: Talstar Nursery Granular
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107528
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Monosodium methanearsonate
Common Name: Target 6 Plus
Case Number: 2163-80-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107530
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2016-09-14T02:31:32.000
Chemical Name: CLARIDIED HYDROPHOBIC EXTACT OF NEEM OIL
Common Name: Trilogy 70EC
Case Number: 8002-65-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107532
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Chlorpyrifos
Common Name: Warhawk
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107533
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: ALUMINUM PHOSPHIDE
Common Name: WEEVIL-CIDE TABLETS
Case Number: 20859-73-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107534
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: POLYETHER-POLYMETHYLSILOXANE-COPOLYMER POLYETHER
Common Name: WIDESPREAD MAX (NON-IONIC WETTING AGENT/SPREADER/PEN SURFACT)
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107536
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Imidacloprid
Common Name: Wrangler Insecticide
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0107538
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2016-09-14T02:31:32.000
Chemical Name: Propane

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196622
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-46-0 Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196623
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-45-0 TSP PROLINE 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196650
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-6-13 APEX NPK/Osmocote 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196651
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-4-4 NITRA KING 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196652
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-5-5 Topdress High Iron
Case Number: mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196672
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	UREA
Common Name:	46-0-0 (LOW BI UREA) 50#
Case Number:	57-13-6

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196673
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	UREA
Common Name:	46-0-0 PRILLED UREA 50LB
Case Number:	57-13-6

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196674
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	6-24-24 XB SIMPLOT
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196675
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Micronutrient
Common Name:	9-9-9 SUPER FE SIMP 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196676
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Hydrated Sodium Calcium Aluminosilicate
Common Name:	AZOMITE MICRONIZED 44LB
Case Number:	1344-01-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196677
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Calcium Sulfate
Common Name: CAL CM PLUS STD/MINI PRILL 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196678
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: CAN 27 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196679
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Magnesium Sulfate
Common Name: EPSOTOP MAGNESIUM SULFATE 55.10LB
Case Number: 10034-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196680
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Monopotasassium Phosphate
Common Name: FC KEEP 0-52-34
Case Number: 7778-77-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196681
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: FEATURE 6-0-0 15X3LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196690

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Purified Phosphoric Acid
Common Name: 0-55-0 DRIP GRADE ACID FERTILIZER
Case Number: 7664-38-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196719
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Pendimethalin
Common Name: Freehand 1.75G
Case Number: 40487-42-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196729
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Bromacil
Common Name: Krovar DF
Case Number: 3147-40-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196730
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: BLEND OF METHYLACETIC ACID, LECITHIN & SURFACTANT
Common Name: LI 700
Case Number: 79-09-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196731
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: LECITHIN, METHYL ESTERS OF FATTY ACIDS, & ALCOHOL ETHOXYLATE
Common Name: LIBERATE WITH LECI-TECH
Case Number: 34398-01-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196732
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-03-20T01:16:10.000
Chemical Name: CHLORPYRIFOS
Common Name: LORSBAN 15G
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196738
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Imidacloprid
Common Name: MERIT 0.5 G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196762
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Oxadizon
Common Name: Ronstar G
Case Number: 19666-30-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196763
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: ROUNDUP POWERMAX
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196765
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Promax/Custom
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196766
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Oxyfluorfen

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	Rout
Case Number:	42874-03-3
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196771
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Hydrogen Peroxide
Common Name:	Sanidate 5.0 / 12.0
Case Number:	7722-84-1
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196772
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Trifluralin
Common Name:	Showcase
Case Number:	1582-09-8
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196773
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Simazine
Common Name:	Simazine 90 DF
Case Number:	122-34-9
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196776
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Mefenoxam
Common Name:	Subdue Maxx
Case Number:	70630-17-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264899
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Chlorpyrifos
Common Name:	Warhawk
Case Number:	2921-88-2

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264900
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	ALUMINUM PHOSPHIDE
Common Name:	WEEVIL-CIDE TABLETS
Case Number:	20859-73-8

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264901
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	POLYETHER-POLYMETHYLSILOXANE-COPOLYMER POLYETHER
Common Name:	WIDESPREAD MAX (NON-IONIC WETTING AGENT/SPREADER/PEN SURFACT)
Case Number:	Mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264902
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	STRYCHNINE ALKALOID NXF
Common Name:	WILCO/COOKE GOPHER GETTER
Case Number:	57249

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264903
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Imidacloprid
Common Name:	Wrangler Insecticide
Case Number:	138261-41-3

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149422
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Sulfate of Potash
Common Name:	0-0-50 GREENS 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149428
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Monoammonium Phosphate
Common Name:	11-52-0 MAP Simplot 14010 50#
Case Number:	7722-76-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149430
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Potassium Nitrate
Common Name:	13-0-46 MULTI-K MGN MIN PR 50#
Case Number:	7757-79-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149434
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	15-0-15 Peters PL Dark 99260
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149435
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Calcium Nitrate
Common Name:	15.5-0-0 Calcium Nitrate / Solution Grade
Case Number:	10124-37-5

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149436
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	15-5-15 Cal Mag
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149437

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: FERTILIZER MIXTURE
Common Name: 15-15-15 Hydroprills
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149444
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-16-16 ME MINORS / Hydro
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149450
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-2-12 Bloom Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149451
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-6-13 APEX NPK/Osmocote 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149456
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-10-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149457
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-20-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149459
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Amonium sulfate
Common Name: 21-0-0-24S AM SUL 50# PROLINE
Case Number: 7783-20-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149462
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-14 Turf Royale/YARA Mila
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149467
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 28-8-18 PROSOL 25#/Bent Special
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149470
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 30-10-10 High Nitro Foliar
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149473
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: UREA

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	43-0-0 Spread it Forget It
Case Number:	57-13-5
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149474
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	UREA
Common Name:	46-0-0 (LOW BI UREA) 50#
Case Number:	57-13-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149475
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	UREA
Common Name:	46-0-0 PRILLED UREA 50LB
Case Number:	57-13-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149476
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	6-24-24 XB SIMPLOT
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149477
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Micronutrient
Common Name:	9-9-9 SUPER FE SIMP 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149478
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Hydrated Sodium Calcium Aluminosilicate
Common Name:	AZOMITE MICRONIZED 44LB
Case Number:	1344-01-0

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149479
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Calcium Sulfate
Common Name:	CAL CM PLUS STD/MINI PRILL 50LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149480
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	CAN 27 50LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149481
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Magnesium Sulfate
Common Name:	EPSOTOP MAGNESIUM SULFATE 55.10LB
Case Number:	10034-99-8

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149483
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	FEATURE 6-0-0 15X3LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149485
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	FERROUS SULFATE HEPTAHYDRATE
Common Name:	IRON SULFATE 20%/30%/Deep Green
Case Number:	7782-63-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149486
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Water Soluble Fertilizer
Common Name:	PETERS PRO GP 20-20-20 99290
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149491
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Sulfur
Common Name:	Sulfur Tiger 90
Case Number:	7704-34-9
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149492
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Purified Phosphoric Acid
Common Name:	0-55-0 DRIP GRADE ACID FERTILIZER
Case Number:	7664-38-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149493
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Ammonium Nitrate
Common Name:	Calcium Ammonium Nitrate 17-0-0
Case Number:	6484-52-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149494
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Ammonium Nitrate
Common Name:	AN-20
Case Number:	6484-52-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149495

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	UREA - AMMONIUM NITRATE SOLUTION
Common Name:	32-0-0 UAN SOLUTION
Case Number:	6484-52-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149496
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	POTASSIUM THIOSULFATE
Common Name:	0-0-25-17S KTS LIQUID
Case Number:	10294-66-3
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149497
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Mono Carbamide Dihydrogen Sulfate
Common Name:	15/49 N/Phuric
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149498
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Hydrated Ammonium Calcium Nitrate Double Salt
Common Name:	9-0-0 CN Liq
Case Number:	252245-12-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149499
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	CAPTAN
Common Name:	CAPTAN 80WDG
Case Number:	133-06-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149500
Trade Secret:	N
Hazardous Material Type:	Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Pyrethroid Pesticide
Common Name: Capture 2EC-CAL
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149501
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Fungicide / Bactericide
Common Name: Cease
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149502
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: AQUEOUS MIXTURE OF SALTS
Common Name: CHOICE WEATHER MASTER
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149503
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Propiconazole
Common Name: Concert II
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149504
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Copper Sulfate Pentahydrate
Common Name: Copper Sulfate
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149505
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Sulfur

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	Cosavet 80 DF
Case Number:	7704-34-9
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149506
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	ISOPROPYLAMINE SALT OF GLYPHOSATE
Common Name:	CREDIT 41 EXTRA
Case Number:	38641-94-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149507
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Fungicide
Common Name:	Cueva
Case Number:	Mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149508
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Chlorothalonil
Common Name:	Daconil Ultrex
Case Number:	1897-45-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149509
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Chlorothalonil
Common Name:	Daconil Weatherstik
Case Number:	1897-45-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149510
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	METALDEHYDE
Common Name:	DEADLINE M-PS/Bullets
Case Number:	mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149511
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Diazinon
Common Name:	Diazinon AG 500
Case Number:	333-41-5

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149512
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	BACILLUS THURINGIENSIS, SUBSP. KURSTAKI
Common Name:	DIPEL DF
Case Number:	68038-71-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149513
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Ethyl Alcohol
Common Name:	Dip'N Grow
Case Number:	MIXTURE

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149514
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	MANCOZEB
Common Name:	DITHANE DF RAINSHIELD
Case Number:	8018-01-7

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149515
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	MYCLOBUTANIL
Common Name:	EAGLE 20EW
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149516
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Chlorothalonil
Common Name: Ensign 720
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149517
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Iron Phosphaste
Common Name: FC Sluggo Snail & Slug Bait
Case Number: 10045-86-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149518
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Sodium Ferric EDTA
Common Name: Ferroxx
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149519
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Mancozeb
Common Name: Fore 80WP Rainshield
Case Number: 008018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149520
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: COPPER SULFATE PENTAHYDRATE ALGAE CONTROL
Common Name: FORMULA F-30 ALGAE CONTROL
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149521

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Pendimethalin
Common Name:	Freehand 1.75G
Case Number:	40487-42-1
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149522
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Isoxaben
Common Name:	Gallery 75 DF
Case Number:	082558-50-7
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149523
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Mineral Oil
Common Name:	Gavicide Green, Leaf Life
Case Number:	8042-47-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149524
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name:	Glyphosphate Plus
Case Number:	38641-94-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149526
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Paraquat Dichloride
Common Name:	Gramoxone SL
Case Number:	1910-42-5
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149527
Trade Secret:	N
Hazardous Material Type:	Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Sodium Percarbonate
Common Name: GreenClean Pro
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149528
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Phosmet
Common Name: Imidian 70-W
Case Number: 732-11-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149529
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Kleen Up Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149530
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: COPPER HYDROXIDE
Common Name: KOCIDE 3000
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149531
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Bromacil
Common Name: Krovar DF
Case Number: 3147-40-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149532
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: BLEND OF METHYLACETIC ACID, LECITHIN & SURFACTANT

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: LI 700
Case Number: 79-09-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149533
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: LECITHIN, METHYL ESTERS OF FATTY ACIDS, & ALCOHOL ETHOXYLATE
Common Name: LIBERATE WITH LECI-TECH
Case Number: 34398-01-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149534
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: CHLORPYRIFOS
Common Name: LORSBAN 15G
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149535
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Potassium Laureate
Common Name: M-Pede
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149536
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: MAKAZE
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149537
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Malathion
Common Name: Malathion 8 Aquamol
Case Number: 121-75-5

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149538
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Imidacloprid
Common Name: Malice 0.5 G 30 lbs
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149539
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Imidacloprid
Common Name: Marathon 1G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149540
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: IMIDACLOPRID
Common Name: MERIT 0.5 G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149541
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 3.5%
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149542
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 7.5
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149543
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Sulfur, micronized
Common Name: Microthiol Disperss
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149544
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Potassium Bicarbonate
Common Name: MILSTOP
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149545
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Desinfectant
Common Name: Nacco San
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149546
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Cuprous Oxide
Common Name: Nordox 75WG
Case Number: 1317-39-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149547
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Copper hydroxide (Cu(OH)2)
Common Name: Nu-Cop 50 DF
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149548

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Oxyfluorfen
Common Name: OH2
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149549
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Distillates (petroleum), solvent-refined heavy paraffinic
Common Name: Oil Ultrapure
Case Number: 64741-88-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149550
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Triclopyr, Butoxy Ethyl Ester
Common Name: Pathfinder II
Case Number: 64700-56-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149551
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Diphacinone
Common Name: PCQ Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149552
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Quaternary ammonium compound
Common Name: Physan 20
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149553
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Trinexapac-Ethyl
Common Name: Primo Maxx
Case Number: 95266-40-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149554
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Propiconazole
Common Name: Procon Z
Case Number: 60207-90-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149555
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Ethephon
Common Name: Proxy
Case Number: 16672-87-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149556
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 1.4 II
Case Number: Not reported

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149557
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: PYRETHRIN
Common Name: PYGANIC EC 5.0
Case Number: 00803-34-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149558
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Ammonium Salt of Glyphosate

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Quikpro
Case Number: 114370-14-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149559
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: 2-Diphenylacetyl-1,3-Indandione
Common Name: Ramik Green Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149560
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Ranger Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149561
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Alkoxylated Polyols
Common Name: Revert
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149562
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: DIQUAT DIBROMIDE
Common Name: REWARD
Case Number: 85-00-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149563
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Glyphosate-Isopropylamine
Common Name: Rodeo
Case Number: 38641-94-0

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149564
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Oxadizon
Common Name: Ronstar G
Case Number: 19666-30-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149565
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: ROUNDUP POWERMAX
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149566
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Pro Concentrate
Case Number: 70901-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149567
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Promax/Custom
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149568
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Oxyfluorfen
Common Name: Rout
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149569
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Dinotefuran
Common Name: Safari 20 SG
Case Number: 165252-70-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149570
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Pelargonic Acid
Common Name: Scythe
Case Number: 112-05-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149571
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: SPINOSAD
Common Name: SEDUCE INSECT BAIT
Case Number: organic

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149572
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: CARBARYL
Common Name: SEVIN SL
Case Number: 63-25-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149574
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Trifluralin
Common Name: Showcase
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149575

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Simazine
Common Name: Simazine 90 DF
Case Number: 122-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149576
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Trifluralin
Common Name: Snapshot 2.5tg 50lb Dow Herbicide
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149577
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Not reported
Common Name: Speed Zone Southern
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149578
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Mefenoxam
Common Name: Subdue Maxx
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149579
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Mefenoxam
Common Name: Subdue GR
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149580
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Sulfur
Common Name:	Sulfur Dusting 98%
Case Number:	7704-34-9
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149581
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Oryzalin
Common Name:	Surflan AS
Case Number:	19044-88-3
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149582
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	ORYZALIN
Common Name:	Surflan AS Speciality
Case Number:	19044-88-3
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149583
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Kaolin, calcined
Common Name:	Surround WP
Case Number:	1322-58-7
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149584
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Bifenthrin
Common Name:	Talstar Nursery Granular
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149585
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Monosodium methanearsonate

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Target 6 Plus
Case Number: 2163-80-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149587
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: CLARIDIED HYDROPHOBIC EXTACT OF NEEM OIL
Common Name: Trilogy 70EC
Case Number: 8002-65-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149589
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Chlorpyrifos
Common Name: Warhawk
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149590
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: ALUMINUM PHOSPHIDE
Common Name: WEEVIL-CIDE TABLETS
Case Number: 20859-73-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149591
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: POLYETHER-POLYMETHYLSILOXANE-COPOLYMER POLYETHER
Common Name: WIDESPREAD MAX (NON-IONIC WETTING AGENT/SPREADER/PEN SURFACT)
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0149593
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-09-07T02:32:58.000
Chemical Name: Imidacloprid
Common Name: Wrangler Insecticide
Case Number: 138261-41-3

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0149595
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-09-07T02:32:58.000
Chemical Name:	Propane
Common Name:	Liquified Petroleum Gas (lpg)
Case Number:	74-98-6

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226053
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	FERTILIZER MIXTURE
Common Name:	15-15-15 Hydroprills
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226054
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	15-15-15 M PROLINE 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264732
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	0-0-22 K-MAG 11MG STD 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264733
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Sulfate of Potash
Common Name:	0-0-50 GREENS 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264734
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-46-0 Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264735
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-45-0 TSP PROLINE 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264736
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 5-3-2 LPI GRO OMRI 40#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264737
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Organic Fertilizer Custom Blend
Common Name: 7.5-5-7.5 with poultry meal
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264738
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Organic Fertilizer Custom Blend
Common Name: 11-1-6 Organic Fertilizer
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264739

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Monoammonium Phosphate
Common Name: 11-52-0 MAP Simplot 14010 50#
Case Number: 7722-76-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264740
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 12-4-11/12-4-12 Apex Palm
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264741
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Potassium Nitrate
Common Name: 13-0-46 MULTI-K MGN MIN PR 50#
Case Number: 7757-79-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264742
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 14-14-14 NPK APEX 50LB/Landscape color
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264743
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 14-4-9 SUPER PALM LPI SIG 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264744
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Fertilizer with Prodiamine
Common Name: 15-0-15 SIG .37 EVADE
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264745
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-0-15 Peters PL Dark 99260
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264746
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Calcium Nitrate
Common Name: 15.5-0-0 Calcium Nitrate / Solution Grade
Case Number: 10124-37-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264747
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-5-15 Cal Mag
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264748
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: FERTILIZER MIXTURE
Common Name: 15-15-15 Hydroprills
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264751
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	16-6-8 TURF SUPREME 50LB
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264752
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-6-8 One Shot Simplot
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264753
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-6-8 with Trimec
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264754
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-9-12 Osmocote
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264755
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-16-16 ME MINORS / Hydro
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264756
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-20-0 PROLINE 50#
Case Number:	mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264757
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	17-3-6 Topdress 4-6MO
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264758
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	18-3-18 SIG 92BCMU GRN 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264759
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	18-4-9 5FE SIGNATURE 50LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264760
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	18-18-18 Multipurpose Low PH
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264761
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	19-2-12 Bloom Apex 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264762
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	19-6-13 APEX NPK/Osmocote 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264766
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	20-10-20 Peters/Plantex 25LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264767
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	20-20-20 Peters/Plantex 25LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264768
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	20-9-9 SUPER BLEND 65UF 50LB LPI
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264769
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Amonium sulfate
Common Name:	21-0-0-24S AM SUL 50# PROLINE
Case Number:	7783-20-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264770

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	21-5-6 APEX SUPER FE TOPDRS 50LB
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264771
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	21-7-6 Apex Cool Weather Blue
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264772
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	21-7-14 Turf Royale/YARA Mila
Case Number:	Mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264773
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	22-5-10 LPI SIG
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264774
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	22-6-12 Apex NPK
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264775
Trade Secret:	N
Hazardous Material Type:	Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 24-4-8 LPI SIG 75BCMU 3.5FE 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264776
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 25-5-5 SUPER TURF 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264777
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 28-8-18 PROSOL 25#/Bent Special
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264778
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 29-7-0 Hines Preplant Mix
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264779
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 30-5-10 High Iron XCU-DUR LPI SIG 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264780
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	30-10-10 High Nitro Foliar
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264781
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	32-2-8 LPI SIG 50XCU 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264782
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	39-0-0 Nitroform Std/Mini/Chip/Powder
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264783
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	UREA
Common Name:	43-0-0 Spread it Forget It
Case Number:	57-13-5
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264784
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	UREA
Common Name:	46-0-0 (LOW BI UREA) 50#
Case Number:	57-13-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264785
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	UREA
Common Name:	46-0-0 PRILLED UREA 50LB
Case Number:	57-13-6

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264786
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	6-24-24 XB SIMPLOT
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264787
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Micronutrient
Common Name:	9-9-9 SUPER FE SIMP 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264788
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Hydrated Sodium Calcium Aluminosilicate
Common Name:	AZOMITE MICRONIZED 44LB
Case Number:	1344-01-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264789
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Calcium Sulfate
Common Name:	CAL CM PLUS STD/MINI PRILL 50LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264790
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	CAN 27 50LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264791
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Magnesium Sulfate
Common Name: EPSOTOP MAGNESIUM SULFATE 55.10LB
Case Number: 10034-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264792
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Monopotasassium Phosphate
Common Name: FC KEEP 0-52-34
Case Number: 7778-77-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264793
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: FEATURE 6-0-0 15X3LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264794
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: FEATURE AC15-00-00SIGA30GA(CA)
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264795
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: FERROUS SULFATE HEPTAHYDRATE
Common Name: IRON SULFATE 20%/30%/Deep Green
Case Number: 7782-63-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264798

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARLINE 28-0-0 SIGA 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264799
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARLINE 2-0-26 SIGA 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264800
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARPHITE 5-0-0 MIC MG MN-NATL 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264801
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Sulfur
Common Name: Sulfur Tiger 90
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264802
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Purified Phosphoric Acid
Common Name: 0-55-0 DRIP GRADE ACID FERTILIZER
Case Number: 7664-38-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264803
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Ammonium Nitrate
Common Name: Calcium Ammonium Nitrate 17-0-0
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264804
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Ammonium Nitrate
Common Name: AN-20
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264805
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: UREA - AMMONIUM NITRATE SOLUTION
Common Name: 32-0-0 UAN SOLUTION
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264806
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: POTASSIUM THIOSULFATE
Common Name: 0-0-25-17S KTS LIQUID
Case Number: 10294-66-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264807
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Mono Carbamide Dihydrogen Sulfate
Common Name: 15/49 N/Phuric
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264808
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Hydrated Ammonium Calcium Nitrate Double Salt

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: 9-0-0 CN Liq
Case Number: 252245-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264809
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: CAPTAN
Common Name: CAPTAN 80WDG
Case Number: 133-06-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264810
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Pyrethroid Pesticide, Bifenthrin
Common Name: Capture 2EC-CAL
Case Number: 82657-04-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264811
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Fungicide / Bactericide
Common Name: Cease
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264812
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: AQUEOUS MIXTURE OF SALTS
Common Name: CHOICE WEATHER MASTER
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264813
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Propiconazole
Common Name: Concert II
Case Number: 60207-90-1

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264814
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Copper Sulfate Pentahydrate
Common Name: Copper Sulfate
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264817
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Fungicide
Common Name: Cueva
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264818
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Chlorothalonil
Common Name: Daconil Ultrex
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264819
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Chlorothalonil
Common Name: Daconil Weatherstik
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264820
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: METALDEHYDE
Common Name: DEADLINE M-PS/Bullets
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264821
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Diazinon
Common Name: Diazinon AG 500
Case Number: 333-41-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264822
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: BACILLUS THURINGIENSIS, SUBSP. KURSTAKI
Common Name: DIPEL DF
Case Number: 68038-71-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264823
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Ethanol
Common Name: Dip'N Grow
Case Number: 64-17-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264824
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: MANCOZEB
Common Name: DITHANE DF RAINSHIELD
Case Number: 8018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264825
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: MYCLOBUTANIL
Common Name: EAGLE 20EW
Case Number: 88671-89-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264826

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Chlorothalonil
Common Name: Ensign 720
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264827
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Iron Phosphaste
Common Name: FC Sluggo Snail & Slug Bait
Case Number: 10045-86-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264828
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Sodium Ferric EDTA
Common Name: Ferroxx
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264829
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Mancozeb
Common Name: Fore 80WP Rainshield
Case Number: 008018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264830
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: COPPER SULFATE PENTAHYDRATE ALGAE CONTROL
Common Name: FORMULA F-30 ALGAE CONTROL
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264831
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Pendimethalin
Common Name: Freehand 1.75G
Case Number: 40487-42-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264832
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Isoxaben
Common Name: Gallery 75 DF
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264833
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Mineral Oil
Common Name: Gavicide Green, Leaf Life
Case Number: 8042-47-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264834
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: Glyphosphate Plus
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264835
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Bacillus thuringiensis
Common Name: Gnatrol WDG
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264836
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Paraquat Dichloride

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Gramoxone SL
Case Number: 1910-42-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264837
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Sodium Percarbonate
Common Name: GreenClean Pro
Case Number: 15630-89-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264838
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Phosmet
Common Name: Imidian 70-W
Case Number: 732-11-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264839
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Kleen Up Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264840
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: COPPER HYDROXIDE
Common Name: KOCIDE 3000
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264841
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Bromacil
Common Name: Krovar DF
Case Number: 3147-40-9

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264842
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	BLEND OF METHYLACETIC ACID, LECITHIN & SURFACTANT
Common Name:	LI 700
Case Number:	79-09-4

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264843
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	LECITHIN, METHYL ESTERS OF FATTY ACIDS, & ALCOHOL ETHOXYLATE
Common Name:	LIBERATE WITH LECI-TECH
Case Number:	34398-01-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264844
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	CHLORPYRIFOS
Common Name:	LORSBAN 15G
Case Number:	2921-88-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264845
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Potassium Salts of Fatty Acids
Common Name:	M-Pede
Case Number:	67701-09-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264848
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Imidacloprid
Common Name:	Malice 0.5 G 30 lbs
Case Number:	138261-41-3

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264849
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Imidacloprid
Common Name: Marathon 1G
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264850
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Imidacloprid
Common Name: MERIT 0.5 G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264851
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 3.5%
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264852
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 7.5
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264853
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Sulfur, micronized
Common Name: Microthiol Disperss
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264854

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Potassium Bicarbonate
Common Name: MILSTOP
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264855
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Desinfectant
Common Name: Nacco San
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264856
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Cuprous Oxide
Common Name: Nordox 75WG
Case Number: 1317-39-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264857
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Copper hydroxide (Cu(OH)2)
Common Name: Nu-Cop 50 DF
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264858
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Oxyfluorfen
Common Name: OH2
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264859
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Distillates (petroleum), solvent-refined heavy paraffinic
Common Name: Oil Ultrapure
Case Number: 64741-88-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264860
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Triclopyr, Butoxy Ethyl Ester
Common Name: Pathfinder II
Case Number: 64700-56-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264861
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Diphacinone
Common Name: PCQ Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264862
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Quaternary ammonium compound
Common Name: Physan 20
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264863
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Trinexapac-Ethyl
Common Name: Primo Maxx
Case Number: 95266-40-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264864
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Propiconazole

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Procon Z
Case Number: 60207-90-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264865
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Ethephon
Common Name: Proxy
Case Number: 16672-87-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264866
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 1.4 II
Case Number: 8003-34-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264867
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 5.0
Case Number: 8003-34-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264868
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Ammonium Salt of Glyphosate
Common Name: Quikpro
Case Number: 40465-66-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264869
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: 2-Diphenylacetyl-1,3-Indandione
Common Name: Ramik Green Bait
Case Number: 82-66-6

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264870
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Isopropylamine salt of glyphosate
Common Name:	Ranger Pro
Case Number:	38641-94-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264871
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Alkoxylated Polyols
Common Name:	Revert
Case Number:	MIXTURE

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264872
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	DIQUAT DIBROMIDE
Common Name:	REWARD
Case Number:	85-00-7

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264873
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Glyphosate-Isopropylamine
Common Name:	Rodeo
Case Number:	38641-94-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264876
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Potassium Salt of Glyphosate
Common Name:	Roundup Pro Concentrate
Case Number:	70901-12-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264877
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Promax/Custom
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264878
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Oxyfluorfen
Common Name: Rout
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264879
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dinotefuran
Common Name: Safari 20 SG
Case Number: 165252-70-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264880
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Pelargonic Acid
Common Name: Scythe
Case Number: 112-05-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264881
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: SPINOSAD
Common Name: SEDUCE INSECT BAIT
Case Number: organic

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264882

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: CARBARYL
Common Name: SEVIN SL
Case Number: 63-25-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264883
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Hydrogen Peroxide
Common Name: Sanidate 5.0 / 12.0
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264884
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Trifluralin
Common Name: Showcase
Case Number: 1582-09-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264885
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Simazine
Common Name: Simazine 90 DF
Case Number: 122-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264886
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Trifluralin
Common Name: Snapshot 2.5tg 50lb Dow Herbicide
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264887
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2021-10-06T02:31:51.000
Chemical Name: 2,4 D, 2-ethylhexyl ester
Common Name: Speed Zone Southern
Case Number: 1928-43-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264888
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Mefenoxam
Common Name: Subdue Maxx
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264889
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Mefenoxam
Common Name: Subdue GR
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264890
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Sulfur
Common Name: Sulfur Dusting 98%
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264891
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Oryzalin
Common Name: Surflan AS
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264892
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: ORYZALIN

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Surflan AS Speciality
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264896
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: HYDROGEN DIOXIDE
Common Name: TERRACLEAN
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264897
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: CLARIDIED HYDROPHOBIC EXTACT OF NEEM OIL
Common Name: Trilogy 70EC
Case Number: 947173-77-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264898
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: OXAMYL
Common Name: VYDATE L
Case Number: 23135-22-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264904
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Hydrogen Dioxide
Common Name: Zerotol
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264905
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Propane
Common Name: Liquified Petroleum Gas (lpg)
Case Number: 74-98-6

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226037
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 0-0-22 K-MAG 11MG STD 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226038
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Sulfate of Potash
Common Name: 0-0-50 GREENS 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226039
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-46-0 Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226040
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-45-0 TSP PROLINE 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226041
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 5-3-2 LPI GRO OMRI 40#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226042
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Organic Fertilizer Custom Blend
Common Name: 7.5-5-7.5 with poultry meal
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226043
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Organic Fertilizer Custom Blend
Common Name: 11-1-6 Organic Fertilizer
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226044
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Monoammonium Phosphate
Common Name: 11-52-0 MAP Simplot 14010 50#
Case Number: 7722-76-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226045
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 12-4-11/12-4-12 Apex Palm
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226046
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Potassium Nitrate
Common Name: 13-0-46 MULTI-K MGN MIN PR 50#
Case Number: 7757-79-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226047

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 14-14-14 NPK APEX 50LB/Landscape color
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226048
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 14-4-9 SUPER PALM LPI SIG 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226049
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Fertilizer with Prodiamine
Common Name: 15-0-15 SIG .37 EVADE
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226050
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-0-15 Peters PL Dark 99260
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226051
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Calcium Nitrate
Common Name: 15.5-0-0 Calcium Nitrate / Solution Grade
Case Number: 10124-37-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226052
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-5-15 Cal Mag
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226055
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Fertilizer with Prodiamine
Common Name: 16-00-16 SIG STD .375 EVADE
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226056
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-6-8 TURF SUPREME 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226057
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-6-8 One Shot Simplot
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226058
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-6-8 with Trimec
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226059
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture

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Common Name:	16-9-12 Osmocote
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226060
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-16-16 ME MINORS / Hydro
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226061
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-20-0 PROLINE 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226062
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	17-3-6 Topdress 4-6MO
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226063
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	18-3-18 SIG 92BCMU GRN 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226064
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	18-4-9 5FE SIGNATURE 50LB
Case Number:	mixture

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Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226065
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 18-18-18 Multipurpose Low PH
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226066
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-2-12 Bloom Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226067
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-6-13 APEX NPK/Osmocote 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226068
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-4-4 NITRA KING 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226069
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-5-5 Topdress High Iron
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226070
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Fertilizer Granules/Tablets
Common Name: 20-10-5 Best Paks/Agriform
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226071
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-10-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226072
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-20-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226073
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-9-9 SUPER BLEND 65UF 50LB LPI
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226074
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Amonium sulfate
Common Name: 21-0-0-24S AM SUL 50# PROLINE
Case Number: 7783-20-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226075

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-5-6 APEX SUPER FE TOPDRS 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226076
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-6 Apex Cool Weather Blue
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226077
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-14 Turf Royale/YARA Mila
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226078
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 22-5-10 LPI SIG
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226079
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 22-6-12 Apex NPK
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226080
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	24-4-8 LPI SIG 75BCMU 3.5FE 50LB
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226081
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	25-5-5 SUPER TURF 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226082
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	28-8-18 PROSOL 25#/Bent Special
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226083
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	29-7-0 Hines Preplant Mix
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226084
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	30-5-10 High Iron XCU-DUR LPI SIG 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226085
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture

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Common Name:	30-10-10 High Nitro Foliar
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226086
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	32-2-8 LPI SIG 50XCU 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226087
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	39-0-0 Nitroform Std/Mini/Chip/Powder
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226088
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	UREA
Common Name:	43-0-0 Spread it Forget It
Case Number:	57-13-5
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226089
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	UREA
Common Name:	46-0-0 (LOW BI UREA) 50#
Case Number:	57-13-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226090
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	UREA
Common Name:	46-0-0 PRILLED UREA 50LB
Case Number:	57-13-6

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Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226091
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 6-24-24 XB SIMPLOT
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226092
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Micronutrient
Common Name: 9-9-9 SUPER FE SIMP 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226093
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Hydrated Sodium Calcium Aluminosilicate
Common Name: AZOMITE MICRONIZED 44LB
Case Number: 1344-01-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226094
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Calcium Sulfate
Common Name: CAL CM PLUS STD/MINI PRILL 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226095
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: CAN 27 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226096
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Magnesium Sulfate
Common Name: EPSOTOP MAGNESIUM SULFATE 55.10LB
Case Number: 10034-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226097
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Monopotasassium Phosphate
Common Name: FC KEEP 0-52-34
Case Number: 7778-77-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226098
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Dry Fertilizer Mixture
Common Name: FEATURE 6-0-0 15X3LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226099
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: FEATURE AC15-00-00SIGA30GA(CA)
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226100
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: FERROUS SULFATE HEPTAHYDRATE
Common Name: IRON SULFATE 20%/30%/Deep Green
Case Number: 7782-63-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226101

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Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Water Soluble Fertilizer
Common Name:	PETERS PRO GP 20-20-20 99290
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226102
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Acid-Surfactant blend
Common Name:	PHACID Sprayable 2x2.5
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226103
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Liquid Fertilizer Mixture
Common Name:	STARLINE 28-0-0 SIGA 2X2.5GA
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226104
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Liquid Fertilizer Mixture
Common Name:	STARLINE 2-0-26 SIGA 2X2.5GA
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226105
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Liquid Fertilizer Mixture
Common Name:	STARPHITE 5-0-0 MIC MG MN-NATL 2X2.5GA
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226106
Trade Secret:	N
Hazardous Material Type:	Pure

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Sulfur
Common Name: Sulfur Tiger 90
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226107
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Purified Phosphoric Acid
Common Name: 0-55-0 DRIP GRADE ACID FERTILIZER
Case Number: 7664-38-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226108
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Ammonium Nitrate
Common Name: Calcium Ammonium Nitrate 17-0-0
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226109
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Ammonium Nitrate
Common Name: AN-20
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226110
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: UREA - AMMONIUM NITRATE SOLUTION
Common Name: 32-0-0 UAN SOLUTION
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226111
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: POTASSIUM THIOSULFATE

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: 0-0-25-17S KTS LIQUID
Case Number: 10294-66-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226112
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Mono Carbamide Dihydrogen Sulfate
Common Name: 15/49 N/Phuric
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226113
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Hydrated Ammonium Calcium Nitrate Double Salt
Common Name: 9-0-0 CN Liq
Case Number: 252245-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226114
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: CAPTAN
Common Name: CAPTAN 80WDG
Case Number: 133-06-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226115
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Pyrethroid Pesticide, Bifenthrin
Common Name: Capture 2EC-CAL
Case Number: 82657-04-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226116
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Fungicide / Bactericide
Common Name: Cease
Case Number: MIXTURE

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226117
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	AQUEOUS MIXTURE OF SALTS
Common Name:	CHOICE WEATHER MASTER
Case Number:	MIXTURE

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226118
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Propiconazole
Common Name:	Concert II
Case Number:	60207-90-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226119
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Copper Sulfate Pentahydrate
Common Name:	Copper Sulfate
Case Number:	7758-99-8

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226120
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Sulfur
Common Name:	Cosavet 80 DF
Case Number:	7704-34-9

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226121
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	ISOPROPYLAMINE SALT OF GLYPHOSATE
Common Name:	CREDIT 41 EXTRA
Case Number:	38641-94-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226122
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Fungicide
Common Name: Cueva
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226123
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Chlorothalonil
Common Name: Daconil Ultrex
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226124
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Chlorothalonil
Common Name: Daconil Weatherstik
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226125
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: METALDEHYDE
Common Name: DEADLINE M-PS/Bullets
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226126
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Diazinon
Common Name: Diazinon AG 500
Case Number: 333-41-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226127

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	BACILLUS THURINGIENSIS, SUBSP. KURSTAKI
Common Name:	DIPEL DF
Case Number:	68038-71-1
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226128
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Ethanol
Common Name:	Dip'N Grow
Case Number:	64-17-5
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226129
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	MANCOZEB
Common Name:	DITHANE DF RAINSHIELD
Case Number:	8018-01-7
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226130
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	MYCLOBUTANIL
Common Name:	EAGLE 20EW
Case Number:	88671-89-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226131
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Chlorothalonil
Common Name:	Ensign 720
Case Number:	1897-45-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226132
Trade Secret:	N
Hazardous Material Type:	Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Iron Phosphaste
Common Name: FC Sluggo Snail & Slug Bait
Case Number: 10045-86-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226133
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Sodium Ferric EDTA
Common Name: Ferroxx
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226134
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Mancozeb
Common Name: Fore 80WP Rainshield
Case Number: 008018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226135
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: COPPER SULFATE PENTAHYDRATE ALGAE CONTROL
Common Name: FORMULA F-30 ALGAE CONTROL
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226136
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Pendimethalin
Common Name: Freehand 1.75G
Case Number: 40487-42-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226137
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Isoxaben

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Gallery 75 DF
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226138
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Mineral Oil
Common Name: Gavicide Green, Leaf Life
Case Number: 8042-47-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226139
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: Glyphosphate Plus
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226140
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Bacillus thuringiensis
Common Name: Gnatrol WDG
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226141
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Paraquat Dichloride
Common Name: Gramoxone SL
Case Number: 1910-42-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226142
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Sodium Percarbonate
Common Name: GreenClean Pro
Case Number: 15630-89-4

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226143
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Phosmet
Common Name: Imidian 70-W
Case Number: 732-11-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226144
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Kleen Up Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226145
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: COPPER HYDROXIDE
Common Name: KOCIDE 3000
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226146
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Bromacil
Common Name: Krovar DF
Case Number: 3147-40-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226147
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: BLEND OF METHYLACETIC ACID, LECITHIN & SURFACTANT
Common Name: LI 700
Case Number: 79-09-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226148
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: LECITHIN, METHYL ESTERS OF FATTY ACIDS, & ALCOHOL ETHOXYLATE
Common Name: LIBERATE WITH LECI-TECH
Case Number: 34398-01-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226149
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: CHLORPYRIFOS
Common Name: LORSBAN 15G
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226150
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Potassium Salts of Fatty Acids
Common Name: M-Pede
Case Number: 67701-09-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226151
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: MAKAZE
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226152
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Malathion
Common Name: Malathion 8 Aquamol
Case Number: 121-75-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226153

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Imidacloprid
Common Name: Malice 0.5 G 30 lbs
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226154
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Imidacloprid
Common Name: Marathon 1G
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226155
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Imidacloprid
Common Name: MERIT 0.5 G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226156
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 3.5%
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226157
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 7.5
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226158
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Sulfur, micronized
Common Name: Microthiol Disperss
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226159
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Potassium Bicarbonate
Common Name: MILSTOP
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226160
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Desinfectant
Common Name: Nacco San
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226161
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Cuprous Oxide
Common Name: Nordox 75WG
Case Number: 1317-39-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226162
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Copper hydroxide (Cu(OH)2)
Common Name: Nu-Cop 50 DF
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226163
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Oxyfluorfen

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: OH2
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226164
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Distillates (petroleum), solvent-refined heavy paraffinic
Common Name: Oil Ultrapure
Case Number: 64741-88-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226165
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Triclopyr, Butoxy Ethyl Ester
Common Name: Pathfinder II
Case Number: 64700-56-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226166
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Diphacinone
Common Name: PCQ Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226167
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Quaternary ammonium compound
Common Name: Physan 20
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226168
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Trinexapac-Ethyl
Common Name: Primo Maxx
Case Number: 95266-40-3

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226169
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Propiconazole
Common Name:	Procon Z
Case Number:	60207-90-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226170
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Ethephon
Common Name:	Proxy
Case Number:	16672-87-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226171
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	PYRETHRINS
Common Name:	PYGANIC EC 1.4 II
Case Number:	8003-34-7

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226172
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	PYRETHRINS
Common Name:	PYGANIC EC 5.0
Case Number:	8003-34-7

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226173
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Ammonium Salt of Glyphosate
Common Name:	Quikpro
Case Number:	40465-66-5

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226174
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: 2-Diphenylacetyl-1,3-Indandione
Common Name: Ramik Green Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226175
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Ranger Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226176
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Alkoxylated Polyols
Common Name: Revert
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226177
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: DIQUAT DIBROMIDE
Common Name: REWARD
Case Number: 85-00-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226178
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Glyphosate-Isopropylamine
Common Name: Rodeo
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226179

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Oxadizon
Common Name: Ronstar G
Case Number: 19666-30-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226180
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: ROUNDUP POWERMAX
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226181
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Pro Concentrate
Case Number: 70901-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226182
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Promax/Custom
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226183
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Oxyfluorfen
Common Name: Rout
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226184
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Dinotefuran
Common Name:	Safari 20 SG
Case Number:	165252-70-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226185
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Pelargonic Acid
Common Name:	Scythe
Case Number:	112-05-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226186
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	SPINOSAD
Common Name:	SEDUCE INSECT BAIT
Case Number:	organic
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226187
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	CARBARYL
Common Name:	SEVIN SL
Case Number:	63-25-3
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226188
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Hydrogen Peroxide
Common Name:	Sanidate 5.0 / 12.0
Case Number:	7722-84-1
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0226189
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-09-05T02:36:49.000
Chemical Name:	Trifluralin

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Showcase
Case Number: 1582-09-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226190
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Simazine
Common Name: Simazine 90 DF
Case Number: 122-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226191
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Trifluralin
Common Name: Snapshot 2.5tg 50lb Dow Herbicide
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226192
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: 2,4 D, 2-ethylhexyl ester
Common Name: Speed Zone Southern
Case Number: 1928-43-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226193
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Mefenoxam
Common Name: Subdue Maxx
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226194
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Mefenoxam
Common Name: Subdue GR
Case Number: 70630-17-0

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226195
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Sulfur
Common Name: Sulfur Dusting 98%
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226196
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Oryzalin
Common Name: Surflan AS
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226197
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: ORYZALIN
Common Name: Surflan AS Speciality
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226198
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Kaolin, calcined
Common Name: Surround WP
Case Number: 1322-58-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226199
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Bifenthrin
Common Name: Talstar Nursery Granular
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226200
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Monosodium methanearsonate
Common Name: Target 6 Plus
Case Number: 2163-80-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226201
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: HYDROGEN DIOXIDE
Common Name: TERRACLEAN
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226202
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: CLARIDIED HYDROPHOBIC EXTACT OF NEEM OIL
Common Name: Trilogy 70EC
Case Number: 947173-77-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226203
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: OXAMYL
Common Name: VYDATE L
Case Number: 23135-22-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226204
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Chlorpyrifos
Common Name: Warhawk
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226205

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: ALUMINUM PHOSPHIDE
Common Name: WEEVIL-CIDE TABLETS
Case Number: 20859-73-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226206
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: POLYETHER-POLYMETHYLSILOXANE-COPOLYMER POLYETHER
Common Name: WIDESPREAD MAX (NON-IONIC WETTING AGENT/SPREADER/PEN SURFACT)
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226207
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: STRYCHNINE ALKALOID NXF
Common Name: WILCO/COOKE GOPHER GETTER
Case Number: 57249

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226208
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Imidacloprid
Common Name: Wrangler Insecticide
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226209
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Hydrogen Dioxide
Common Name: Zerotol
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0226210
Trade Secret: N
Hazardous Material Type: Pure

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-09-05T02:36:49.000
Chemical Name: Propane
Common Name: Liquified Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264749
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-15-15 M PROLINE 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264750
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Fertilizer with Prodiamine
Common Name: 16-00-16 SIG STD .375 EVADE
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264763
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-4-4 NITRA KING 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264764
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-5-5 Topdress High Iron
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264765
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Fertilizer Granules/Tablets

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: 20-10-5 Best Paks/Agriform
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264796
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Water Soluble Fertilizer
Common Name: PETERS PRO GP 20-20-20 99290
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264797
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Acid-Surfactant blend
Common Name: PHACID Sprayable 2x2.5
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264815
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Sulfur
Common Name: Cosavet 80 DF
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264816
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: ISOPROPYLAMINE SALT OF GLYPHOSATE
Common Name: CREDIT 41 EXTRA
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264846
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: MAKAZE
Case Number: 38641-94-0

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264847
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Malathion
Common Name: Malathion 8 Aquamol
Case Number: 121-75-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264874
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Oxadizon
Common Name: Ronstar G
Case Number: 19666-30-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264875
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: ROUNDUP POWERMAX
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264893
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Kaolin, calcined
Common Name: Surround WP
Case Number: 1322-58-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0264894
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-06T02:31:51.000
Chemical Name: Bifenthrin
Common Name: Talstar Nursery Granular
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0264895
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-06T02:31:51.000
Chemical Name:	Monosodium methanearsonate
Common Name:	Target 6 Plus
Case Number:	2163-80-6

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317292
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Pelargonic Acid
Common Name:	Scythe
Case Number:	112-05-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317293
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	SPINOSAD
Common Name:	SEDUCE INSECT BAIT
Case Number:	organic

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317294
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	CARBARYL
Common Name:	SEVIN SL
Case Number:	63-25-3

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317295
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Hydrogen Peroxide
Common Name:	Sanidate 5.0 / 12.0
Case Number:	7722-84-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317296

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Trifluralin
Common Name: Showcase
Case Number: 1582-09-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317297
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Simazine
Common Name: Simazine 90 DF
Case Number: 122-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317298
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Trifluralin
Common Name: Snapshot 2.5tg 50lb Dow Herbicide
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317299
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: 2,4 D, 2-ethylhexyl ester
Common Name: Speed Zone Southern
Case Number: 1928-43-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317300
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Mefenoxam
Common Name: Subdue Maxx
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317301
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Mefenoxam
Common Name: Subdue GR
Case Number: 70630-17-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317302
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Sulfur
Common Name: Sulfur Dusting 98%
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317303
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Oryzalin
Common Name: Surflan AS
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317304
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: ORYZALIN
Common Name: Surflan AS Speciality
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317305
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Kaolin, calcined
Common Name: Surround WP
Case Number: 1322-58-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317306
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Bifenthrin

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Talstar Nursery Granular
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317307
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Monosodium methanearsonate
Common Name: Target 6 Plus
Case Number: 2163-80-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317308
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: HYDROGEN DIOXIDE
Common Name: TERRACLEAN
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317309
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: CLARIDIED HYDROPHOBIC EXTACT OF NEEM OIL
Common Name: Trilogy 70EC
Case Number: 947173-77-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317310
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: OXAMYL
Common Name: VYDATE L
Case Number: 23135-22-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317311
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Chlorpyrifos
Common Name: Warhawk
Case Number: 2921-88-2

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317312
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	ALUMINUM PHOSPHIDE
Common Name:	WEEVIL-CIDE TABLETS
Case Number:	20859-73-8

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317313
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	POLYETHER-POLYMETHYLSILOXANE-COPOLYMER POLYETHER
Common Name:	WIDESPREAD MAX (NON-IONIC WETTING AGENT/SPREADER/PEN SURFACT)
Case Number:	Mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317314
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	STRYCHNINE ALKALOID NXF
Common Name:	WILCO/COOKE GOPHER GETTER
Case Number:	57249

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317315
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Imidacloprid
Common Name:	Wrangler Insecticide
Case Number:	138261-41-3

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317316
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Hydrogen Dioxide
Common Name:	Zerotol
Case Number:	7722-84-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317317
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Propane
Common Name: Liquified Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196620
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 0-0-22 K-MAG 11MG STD 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196621
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Sulfate of Potash
Common Name: 0-0-50 GREENS 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196624
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 5-3-2 LPI GRO OMRI 40#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196625
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Organic Fertilizer Custom Blend
Common Name: 7.5-5-7.5 with poultry meal
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196626

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Organic Fertilizer Custom Blend
Common Name: 11-1-6 Organic Fertilizer
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196627
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Monoammonium Phosphate
Common Name: 11-52-0 MAP Simplot 14010 50#
Case Number: 7722-76-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196628
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 12-4-11/12-4-12 Apex Palm
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196629
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Potassium Nitrate
Common Name: 13-0-46 MULTI-K MGN MIN PR 50#
Case Number: 7757-79-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196630
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 14-14-14 NPK APEX 50LB/Landscape color
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196631
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 14-4-9 SUPER PALM LPI SIG 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196632
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Fertilizer with Prodiamine
Common Name: 15-0-15 SIG .37 EVADE
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196633
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-0-15 Peters PL Dark 99260
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196634
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Calcium Nitrate
Common Name: 15.5-0-0 Calcium Nitrate / Solution Grade
Case Number: 10124-37-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196635
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-5-15 Cal Mag
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196636
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: FERTILIZER MIXTURE

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: 15-15-15 Hydroprills
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196637
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-15-15 M PROLINE 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196638
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Fertilizer with Prodiamine
Common Name: 16-00-16 SIG STD .375 EVADE
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196639
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-6-8 TURF SUPREME 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196640
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-6-8 One Shot Simplot
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196641
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-6-8 with Trimec
Case Number: mixture

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Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196642
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-9-12 Osmocote
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196643
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-16-16 ME MINORS / Hydro
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196644
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-20-0 PROLINE 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196645
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	17-3-6 Topdress 4-6MO
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196646
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	N-P-K Mixed dry blended fertilizer
Common Name:	18-3-18 SIG 92BCMU GRN 50#
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

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Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196647
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 18-4-9 5FE SIGNATURE 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196648
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 18-18-18 Multipurpose Low PH
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196649
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-2-12 Bloom Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196653
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Fertilizer Granules/Tablets
Common Name: 20-10-5 Best Paks/Agriform
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196654
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-10-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196655

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-20-20 Peters/Plantex 25LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196656
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 20-9-9 SUPER BLEND 65UF 50LB LPI
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196657
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Amonium sulfate
Common Name: 21-0-0-24S AM SUL 50# PROLINE
Case Number: 7783-20-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196658
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-5-6 APEX SUPER FE TOPDRS 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196659
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-6 Apex Cool Weather Blue
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196660
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-14 Turf Royale/YARA Mila
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196661
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 22-5-10 LPI SIG
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196662
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 22-6-12 Apex NPK
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196663
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 24-4-8 LPI SIG 75BCMU 3.5FE 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196664
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 25-5-5 SUPER TURF 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196665
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: 28-8-18 PROSOL 25#/Bent Special
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196666
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 29-7-0 Hines Preplant Mix
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196667
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 30-5-10 High Iron XCU-DUR LPI SIG 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196668
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 30-10-10 High Nitro Foliar
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196669
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 32-2-8 LPI SIG 50XCU 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196670
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 39-0-0 Nitroform Std/Mini/Chip/Powder
Case Number: mixture

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Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196671
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: UREA
Common Name: 43-0-0 Spread it Forget It
Case Number: 57-13-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196682
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: FEATURE AC15-00-00SIGA30GA(CA)
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196683
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: FERROUS SULFATE HEPTAHYDRATE
Common Name: IRON SULFATE 20%/30%/Deep Green
Case Number: 7782-63-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196684
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Water Soluble Fertilizer
Common Name: PETERS PRO GP 20-20-20 99290
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196685
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Acid-Surfactant blend
Common Name: PHACID Sprayable 2x2.5
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196686
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARLINE 28-0-0 SIGA 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196687
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARLINE 2-0-26 SIGA 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196688
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARPHITE 5-0-0 MIC MG MN-NATL 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196689
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Sulfur
Common Name: Sulfur Tiger 90
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196691
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Ammonium Nitrate
Common Name: Calcium Ammonium Nitrate 17-0-0
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196692

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Ammonium Nitrate
Common Name: AN-20
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196693
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: UREA - AMMONIUM NITRATE SOLUTION
Common Name: 32-0-0 UAN SOLUTION
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196694
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: POTASSIUM THIOSULFATE
Common Name: 0-0-25-17S KTS LIQUID
Case Number: 10294-66-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196695
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Mono Carbamide Dihydrogen Sulfate
Common Name: 15/49 N/Phuric
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196696
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Hydrated Ammonium Calcium Nitrate Double Salt
Common Name: 9-0-0 CN Liq
Case Number: 252245-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196697
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-03-20T01:16:10.000
Chemical Name: CAPTAN
Common Name: CAPTAN 80WDG
Case Number: 133-06-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196698
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Pyrethroid Pesticide, Bifenthrin
Common Name: Capture 2EC-CAL
Case Number: 82657-04-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196699
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Fungicide / Bactericide
Common Name: Cease
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196700
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: AQUEOUS MIXTURE OF SALTS
Common Name: CHOICE WEATHER MASTER
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196701
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Propiconazole
Common Name: Concert II
Case Number: 60207-90-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196702
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Copper Sulfate Pentahydrate

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Copper Sulfate
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196703
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Sulfur
Common Name: Cosavet 80 DF
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196704
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: ISOPROPYLAMINE SALT OF GLYPHOSATE
Common Name: CREDIT 41 EXTRA
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196705
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Fungicide
Common Name: Cueva
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196706
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Chlorothalonil
Common Name: Daconil Ultrex
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196707
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Chlorothalonil
Common Name: Daconil Weatherstik
Case Number: 1897-45-6

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196708
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: METALDEHYDE
Common Name: DEADLINE M-PS/Bullets
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196709
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Diazinon
Common Name: Diazinon AG 500
Case Number: 333-41-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196710
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: BACILLUS THURINGIENSIS, SUBSP. KURSTAKI
Common Name: DIPEL DF
Case Number: 68038-71-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196711
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Ethanol
Common Name: Dip'N Grow
Case Number: 64-17-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196712
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: MANCOZEB
Common Name: DITHANE DF RAINSHIELD
Case Number: 8018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196713
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: MYCLOBUTANIL
Common Name: EAGLE 20EW
Case Number: 88671-89-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196714
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Chlorothalonil
Common Name: Ensign 720
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196715
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Iron Phosphaste
Common Name: FC Sluggo Snail & Slug Bait
Case Number: 10045-86-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196716
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Sodium Ferric EDTA
Common Name: Ferroxx
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196717
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Mancozeb
Common Name: Fore 80WP Rainshield
Case Number: 008018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196718

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: COPPER SULFATE PENTAHYDRATE ALGAE CONTROL
Common Name: FORMULA F-30 ALGAE CONTROL
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196720
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Isoxaben
Common Name: Gallery 75 DF
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196721
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Mineral Oil
Common Name: Gavicide Green, Leaf Life
Case Number: 8042-47-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196722
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: Glyphosphate Plus
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196723
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Bacillus thuringiensis
Common Name: Gnatrol WDG
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196724
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Paraquat Dichloride
Common Name: Gramoxone SL
Case Number: 1910-42-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196725
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Sodium Percarbonate
Common Name: GreenClean Pro
Case Number: 15630-89-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196726
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Phosmet
Common Name: Imidian 70-W
Case Number: 732-11-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196727
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Kleen Up Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196728
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: COPPER HYDROXIDE
Common Name: KOCIDE 3000
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196733
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Potassium Salts of Fatty Acids

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: M-Pede
Case Number: 67701-09-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196734
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: MAKAZE
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196735
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Malathion
Common Name: Malathion 8 Aquamol
Case Number: 121-75-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196736
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Imidacloprid
Common Name: Malice 0.5 G 30 lbs
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196737
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Imidacloprid
Common Name: Marathon 1G
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196739
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 3.5%
Case Number: 108-62-3

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196740
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 7.5
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196741
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Sulfur, micronized
Common Name: Microthiol Disperss
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196742
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Potassium Bicarbonate
Common Name: MILSTOP
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196743
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Desinfectant
Common Name: Nacco San
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196744
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Cuprous Oxide
Common Name: Nordox 75WG
Case Number: 1317-39-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196745
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Copper hydroxide (Cu(OH)2)
Common Name:	Nu-Cop 50 DF
Case Number:	20427-59-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196746
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Oxyfluorfen
Common Name:	OH2
Case Number:	42874-03-3

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196747
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Distillates (petroleum), solvent-refined heavy paraffinic
Common Name:	Oil Ultrapure
Case Number:	64741-88-4

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196748
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Triclopyr, Butoxy Ethyl Ester
Common Name:	Pathfinder II
Case Number:	64700-56-7

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196749
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Diphacinone
Common Name:	PCQ Bait
Case Number:	82-66-6

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196750

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Quaternary ammonium compound
Common Name: Physan 20
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196751
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Trinexapac-Ethyl
Common Name: Primo Maxx
Case Number: 95266-40-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196752
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Propiconazole
Common Name: Procon Z
Case Number: 60207-90-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196753
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Ethephon
Common Name: Proxy
Case Number: 16672-87-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196754
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 1.4 II
Case Number: 8003-34-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196755
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-03-20T01:16:10.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 5.0
Case Number: 8003-34-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196756
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Ammonium Salt of Glyphosate
Common Name: Quikpro
Case Number: 40465-66-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196757
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: 2-Diphenylacetyl-1,3-Indandione
Common Name: Ramik Green Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196758
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Ranger Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196759
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Alkoxylated Polyols
Common Name: Revert
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196760
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: DIQUAT DIBROMIDE

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	REWARD
Case Number:	85-00-7
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196761
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Glyphosate-Isopropylamine
Common Name:	Rodeo
Case Number:	38641-94-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196764
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Potassium Salt of Glyphosate
Common Name:	Roundup Pro Concentrate
Case Number:	70901-12-2
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196767
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Dinotefuran
Common Name:	Safari 20 SG
Case Number:	165252-70-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196768
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Pelargonic Acid
Common Name:	Scythe
Case Number:	112-05-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196769
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	SPINOSAD
Common Name:	SEDUCE INSECT BAIT
Case Number:	organic

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196770
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	CARBARYL
Common Name:	SEVIN SL
Case Number:	63-25-3

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196774
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Trifluralin
Common Name:	Snapshot 2.5tg 50lb Dow Herbicide
Case Number:	082558-50-7

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196775
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	2,4 D, 2-ethylhexyl ester
Common Name:	Speed Zone Southern
Case Number:	1928-43-4

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196777
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Mefenoxam
Common Name:	Subdue GR
Case Number:	70630-17-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0196778
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2019-03-20T01:16:10.000
Chemical Name:	Sulfur
Common Name:	Sulfur Dusting 98%
Case Number:	7704-34-9

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196779
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Oryzalin
Common Name: Surflan AS
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196780
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: ORYZALIN
Common Name: Surflan AS Speciality
Case Number: 19044-88-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196781
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Kaolin, calcined
Common Name: Surround WP
Case Number: 1322-58-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196782
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Bifenthrin
Common Name: Talstar Nursery Granular
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196783
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Monosodium methanearsonate
Common Name: Target 6 Plus
Case Number: 2163-80-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196784

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: HYDROGEN DIOXIDE
Common Name: TERRACLEAN
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196785
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: CLARIDIED HYDROPHOBIC EXTACT OF NEEM OIL
Common Name: Trilogy 70EC
Case Number: 947173-77-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196786
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: OXAMYL
Common Name: VYDATE L
Case Number: 23135-22-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196787
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Chlorpyrifos
Common Name: Warhawk
Case Number: 2921-88-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196788
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: ALUMINUM PHOSPHIDE
Common Name: WEEVIL-CIDE TABLETS
Case Number: 20859-73-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196789
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2019-03-20T01:16:10.000
Chemical Name: POLYETHER-POLYMETHYLSILOXANE-COPOLYMER POLYETHER
Common Name: WIDESPREAD MAX (NON-IONIC WETTING AGENT/SPREADER/PEN SURFACT)
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196790
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: STRYCHNINE ALKALOID NXF
Common Name: WILCO/COOKE GOPHER GETTER
Case Number: 57249

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196791
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Imidacloprid
Common Name: Wrangler Insecticide
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196792
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Hydrogen Dioxide
Common Name: Zerotol
Case Number: 7722-84-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0196793
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-03-20T01:16:10.000
Chemical Name: Propane
Common Name: Liquified Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317144
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: 0-0-22 K-MAG 11MG STD 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317145
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Sulfate of Potash
Common Name: 0-0-50 GREENS 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317146
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-46-0 Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317147
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Monocalcium Phosphate
Common Name: 0-45-0 TSP PROLINE 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317148
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 5-3-2 LPI GRO OMRI 40#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317149
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Organic Fertilizer Custom Blend
Common Name: 7.5-5-7.5 with poultry meal
Case Number: mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317150
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Organic Fertilizer Custom Blend
Common Name:	11-1-6 Organic Fertilizer
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317151
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Monoammonium Phosphate
Common Name:	11-52-0 MAP Simplot 14010 50#
Case Number:	7722-76-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317152
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	12-4-11/12-4-12 Apex Palm
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317153
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Potassium Nitrate
Common Name:	13-0-46 MULTI-K MGN MIN PR 50#
Case Number:	7757-79-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317154
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	14-14-14 NPK APEX 50LB/Landscape color
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317155
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 14-4-9 SUPER PALM LPI SIG 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317156
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Fertilizer with Prodiamine
Common Name: 15-0-15 SIG .37 EVADE
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317157
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-0-15 Peters PL Dark 99260
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317158
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Calcium Nitrate
Common Name: 15.5-0-0 Calcium Nitrate / Solution Grade
Case Number: 10124-37-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317159
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 15-5-15 Cal Mag
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317160

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	FERTILIZER MIXTURE
Common Name:	15-15-15 Hydroprills
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317161
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	15-15-15 M PROLINE 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317162
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Fertilizer with Prodiamine
Common Name:	16-00-16 SIG STD .375 EVADE
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317163
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-6-8 TURF SUPREME 50LB
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317164
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	16-6-8 One Shot Simplot
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317165
Trade Secret:	N
Hazardous Material Type:	Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-6-8 with Trimec
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317166
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-9-12 Osmocote
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317167
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-16-16 ME MINORS / Hydro
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317168
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 16-20-0 PROLINE 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317169
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 17-3-6 Topdress 4-6MO
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317170
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: N-P-K Mixed dry blended fertilizer

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: 18-3-18 SIG 92BCMU GRN 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317171
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 18-4-9 5FE SIGNATURE 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317172
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 18-18-18 Multipurpose Low PH
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317173
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-2-12 Bloom Apex 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317174
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-6-13 APEX NPK/Osmocote 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317175
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 19-4-4 NITRA KING 50LB
Case Number: mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317176
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	20-5-5 Topdress High Iron
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317177
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Fertilizer Granules/Tablets
Common Name:	20-10-5 Best Paks/Agriform
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317178
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	20-10-20 Peters/Plantex 25LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317179
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	20-20-20 Peters/Plantex 25LB
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317180
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	20-9-9 SUPER BLEND 65UF 50LB LPI
Case Number:	mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317181
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Amonium sulfate
Common Name: 21-0-0-24S AM SUL 50# PROLINE
Case Number: 7783-20-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317182
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-5-6 APEX SUPER FE TOPDRS 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317183
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-6 Apex Cool Weather Blue
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317184
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 21-7-14 Turf Royale/YARA Mila
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317185
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 22-5-10 LPI SIG
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317186

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 22-6-12 Apex NPK
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317187
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 24-4-8 LPI SIG 75BCMU 3.5FE 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317188
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 25-5-5 SUPER TURF 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317189
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 28-8-18 PROSOL 25#/Bent Special
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317190
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 29-7-0 Hines Preplant Mix
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317191
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2022-01-07T01:00:52.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: 30-5-10 High Iron XCU-DUR LPI SIG 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317192
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 30-10-10 High Nitro Foliar
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317193
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 32-2-8 LPI SIG 50XCU 50#
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317194
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: 39-0-0 Nitroform Std/Mini/Chip/Powder
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317195
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: UREA
Common Name: 43-0-0 Spread it Forget It
Case Number: 57-13-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317196
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: UREA

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name:	46-0-0 (LOW BI UREA) 50#
Case Number:	57-13-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317197
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	UREA
Common Name:	46-0-0 PRILLED UREA 50LB
Case Number:	57-13-6
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317198
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dry Fertilizer Mixture
Common Name:	6-24-24 XB SIMPLOT
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317199
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Micronutrient
Common Name:	9-9-9 SUPER FE SIMP 50#
Case Number:	mixture
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317200
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Hydrated Sodium Calcium Aluminosilicate
Common Name:	AZOMITE MICRONIZED 44LB
Case Number:	1344-01-0
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317201
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Calcium Sulfate
Common Name:	CAL CM PLUS STD/MINI PRILL 50LB
Case Number:	mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317202
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: N-P-K Mixed dry blended fertilizer
Common Name: CAN 27 50LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317203
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Magnesium Sulfate
Common Name: EPSOTOP MAGNESIUM SULFATE 55.10LB
Case Number: 10034-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317204
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Monopotasassium Phosphate
Common Name: FC KEEP 0-52-34
Case Number: 7778-77-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317205
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Dry Fertilizer Mixture
Common Name: FEATURE 6-0-0 15X3LB
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317206
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: FEATURE AC15-00-00SIGA30GA(CA)
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317207
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: FERROUS SULFATE HEPTAHYDRATE
Common Name: IRON SULFATE 20%/30%/Deep Green
Case Number: 7782-63-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317208
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Water Soluble Fertilizer
Common Name: PETERS PRO GP 20-20-20 99290
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317209
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Acid-Surfactant blend
Common Name: PHACID Sprayable 2x2.5
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317210
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARLINE 28-0-0 SIGA 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317211
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARLINE 2-0-26 SIGA 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317212

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Liquid Fertilizer Mixture
Common Name: STARPHITE 5-0-0 MIC MG MN-NATL 2X2.5GA
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317213
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Sulfur
Common Name: Sulfur Tiger 90
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317214
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Purified Phosphoric Acid
Common Name: 0-55-0 DRIP GRADE ACID FERTILIZER
Case Number: 7664-38-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317215
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Ammonium Nitrate
Common Name: Calcium Ammonium Nitrate 17-0-0
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317216
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Ammonium Nitrate
Common Name: AN-20
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317217
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2022-01-07T01:00:52.000
Chemical Name: UREA - AMMONIUM NITRATE SOLUTION
Common Name: 32-0-0 UAN SOLUTION
Case Number: 6484-52-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317218
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: POTASSIUM THIOSULFATE
Common Name: 0-0-25-17S KTS LIQUID
Case Number: 10294-66-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317219
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Mono Carbamide Dihydrogen Sulfate
Common Name: 15/49 N/Phuric
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317220
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Hydrated Ammonium Calcium Nitrate Double Salt
Common Name: 9-0-0 CN Liq
Case Number: 252245-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317221
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: CAPTAN
Common Name: CAPTAN 80WDG
Case Number: 133-06-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317222
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Pyrethroid Pesticide, Bifenthrin

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Capture 2EC-CAL
Case Number: 82657-04-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317223
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Fungicide / Bactericide
Common Name: Cease
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317224
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: AQUEOUS MIXTURE OF SALTS
Common Name: CHOICE WEATHER MASTER
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317225
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Propiconazole
Common Name: Concert II
Case Number: 60207-90-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317226
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Copper Sulfate Pentahydrate
Common Name: Copper Sulfate
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317227
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Sulfur
Common Name: Cosavet 80 DF
Case Number: 7704-34-9

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317228
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	ISOPROPYLAMINE SALT OF GLYPHOSATE
Common Name:	CREDIT 41 EXTRA
Case Number:	38641-94-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317229
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Fungicide
Common Name:	Cueva
Case Number:	Mixture

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317230
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Chlorothalonil
Common Name:	Daconil Ultrex
Case Number:	1897-45-6

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317231
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Chlorothalonil
Common Name:	Daconil Weatherstik
Case Number:	1897-45-6

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317232
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	METALDEHYDE
Common Name:	DEADLINE M-PS/Bullets
Case Number:	108-62-3

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317233
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Diazinon
Common Name: Diazinon AG 500
Case Number: 333-41-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317234
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: BACILLUS THURINGIENSIS, SUBSP. KURSTAKI
Common Name: DIPEL DF
Case Number: 68038-71-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317235
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Ethanol
Common Name: Dip'N Grow
Case Number: 64-17-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317236
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: MANCOZEB
Common Name: DITHANE DF RAINSHIELD
Case Number: 8018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317237
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: MYCLOBUTANIL
Common Name: EAGLE 20EW
Case Number: 88671-89-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317238

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Chlorothalonil
Common Name: Ensign 720
Case Number: 1897-45-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317239
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Iron Phosphaste
Common Name: FC Sluggo Snail & Slug Bait
Case Number: 10045-86-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317240
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Sodium Ferric EDTA
Common Name: Ferroxx
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317241
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Mancozeb
Common Name: Fore 80WP Rainshield
Case Number: 008018-01-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317242
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: COPPER SULFATE PENTAHYDRATE ALGAE CONTROL
Common Name: FORMULA F-30 ALGAE CONTROL
Case Number: 7758-99-8

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317243
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Pendimethalin
Common Name: Freehand 1.75G
Case Number: 40487-42-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317244
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Isoxaben
Common Name: Gallery 75 DF
Case Number: 082558-50-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317245
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Mineral Oil
Common Name: Gavicide Green, Leaf Life
Case Number: 8042-47-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317246
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name: Glyphosphate Plus
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317247
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Bacillus thuringiensis
Common Name: Gnatrol WDG
Case Number: mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317248
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Paraquat Dichloride

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Gramoxone SL
Case Number: 1910-42-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317249
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Sodium Percarbonate
Common Name: GreenClean Pro
Case Number: 15630-89-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317250
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Phosmet
Common Name: Imidian 70-W
Case Number: 732-11-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317251
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Kleen Up Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317252
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: COPPER HYDROXIDE
Common Name: KOCIDE 3000
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317253
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Bromacil
Common Name: Krovar DF
Case Number: 3147-40-9

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317254
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	BLEND OF METHYLACETIC ACID, LECITHIN & SURFACTANT
Common Name:	LI 700
Case Number:	79-09-4

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317255
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	LECITHIN, METHYL ESTERS OF FATTY ACIDS, & ALCOHOL ETHOXYLATE
Common Name:	LIBERATE WITH LECI-TECH
Case Number:	34398-01-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317256
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	CHLORPYRIFOS
Common Name:	LORSBAN 15G
Case Number:	2921-88-2

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317257
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Potassium Salts of Fatty Acids
Common Name:	M-Pede
Case Number:	67701-09-1

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317258
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	GLYPHOSATE - ISOPROPYLAMINE SALT
Common Name:	MAKAZE
Case Number:	38641-94-0

Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317259
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Malathion
Common Name: Malathion 8 Aquamol
Case Number: 121-75-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317260
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Imidacloprid
Common Name: Malice 0.5 G 30 lbs
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317261
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Imidacloprid
Common Name: Marathon 1G
Case Number: 138261-41-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317262
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Imidacloprid
Common Name: MERIT 0.5 G
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317263
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 3.5%
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317264

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Metaldehyde
Common Name: Metaldehyde 7.5
Case Number: 108-62-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317265
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Sulfur, micronized
Common Name: Microthiol Disperss
Case Number: 7704-34-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317266
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Potassium Bicarbonate
Common Name: MILSTOP
Case Number: Mixture

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317267
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Desinfectant
Common Name: Nacco San
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317268
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Cuprous Oxide
Common Name: Nordox 75WG
Case Number: 1317-39-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317269
Trade Secret: N
Hazardous Material Type: Mixture

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Copper hydroxide (Cu(OH)2)
Common Name: Nu-Cop 50 DF
Case Number: 20427-59-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317270
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Oxyfluorfen
Common Name: OH2
Case Number: 42874-03-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317271
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Distillates (petroleum), solvent-refined heavy paraffinic
Common Name: Oil Ultrapure
Case Number: 64741-88-4

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317272
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Triclopyr, Butoxy Ethyl Ester
Common Name: Pathfinder II
Case Number: 64700-56-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317273
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Diphacinone
Common Name: PCQ Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317274
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Quaternary ammonium compound

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Common Name: Physan 20
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317275
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Trinexapac-Ethyl
Common Name: Primo Maxx
Case Number: 95266-40-3

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317276
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Propiconazole
Common Name: Procon Z
Case Number: 60207-90-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317277
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Ethephon
Common Name: Proxy
Case Number: 16672-87-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317278
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 1.4 II
Case Number: 8003-34-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317279
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: PYRETHRINS
Common Name: PYGANIC EC 5.0
Case Number: 8003-34-7

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317280
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Ammonium Salt of Glyphosate
Common Name: Quikpro
Case Number: 40465-66-5

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317281
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: 2-Diphenylacetyl-1,3-Indandione
Common Name: Ramik Green Bait
Case Number: 82-66-6

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317282
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Isopropylamine salt of glyphosate
Common Name: Ranger Pro
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317283
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Alkoxylated Polyols
Common Name: Revert
Case Number: MIXTURE

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317284
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: DIQUAT DIBROMIDE
Common Name: REWARD
Case Number: 85-00-7

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317285
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Glyphosate-Isopropylamine
Common Name: Rodeo
Case Number: 38641-94-0

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317286
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Oxadizon
Common Name: Ronstar G
Case Number: 19666-30-9

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317287
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: ROUNDUP POWERMAX
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317288
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Pro Concentrate
Case Number: 70901-12-2

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317289
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2022-01-07T01:00:52.000
Chemical Name: Potassium Salt of Glyphosate
Common Name: Roundup Promax/Custom
Case Number: 70901-12-1

Record ID: DEH2009-HUPFP-210762
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2022-HCHEM-0317290

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Oxyfluorfen
Common Name:	Rout
Case Number:	42874-03-3
Record ID:	DEH2009-HUPFP-210762
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2022-HCHEM-0317291
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2022-01-07T01:00:52.000
Chemical Name:	Dinotefuran
Common Name:	Safari 20 SG
Case Number:	165252-70-0
Name:	DON HUBBARD CONTRACTING CO
Address:	1015 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	108659
Business Type:	6HK70
EPA Id Number:	CAL000219222
APN:	219-330-62-00
Last HMMD Inspection:	08/11/2011
Facility Telephone:	760-736-3241
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DON HUBBARD
Facility Mailing Address:	1015 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	CERTAINTEED CORP.
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: GASOLINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MIXED OILS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:

UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 108659
Business Type: 6HK70
EPA Id Number: CAL000219222
APN: 219-330-62-00

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Last HMMD Inspection:	08/11/2011
Facility Telephone:	760-736-3241
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DON HUBBARD
Facility Mailing Address:	1015 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	CERTAINTEED CORP.
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	GASOLINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	MIXED OILS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	7782-44-7

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 108659
Business Type: 6HK70
EPA Id Number: CAL000219222
APN: 219-330-62-00
Last HMMD Inspection: 08/11/2011
Facility Telephone: 760-736-3241
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: DON HUBBARD
Facility Mailing Address: 1015 LINDA VISTA DR #A
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: CERTAINTEED CORP.
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: N
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	GASOLINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	MIXED OILS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN/ACETYLENE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information:	PARTS CLEANER (1)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Permit Number:	108659
Business Type:	6HK70
EPA Id Number:	CAL000219222
APN:	219-330-62-00
Last HMMD Inspection:	08/11/2011
Facility Telephone:	760-736-3241
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DON HUBBARD
Facility Mailing Address:	1015 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	CERTAINTEED CORP.
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	GASOLINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	MIXED OILS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 108659
Business Type: 6HK70
EPA Id Number: CAL000219222
APN: 219-330-62-00
Last HMMD Inspection: 08/11/2011
Facility Telephone: 760-736-3241
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: DON HUBBARD
Facility Mailing Address: 1015 LINDA VISTA DR #A
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: CERTAINTEED CORP.
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	GASOLINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	MIXED OILS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN/ACETYLENE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information:	PARTS CLEANER (1)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Name:	DON HUBBARD CONTRACTING CO
Address:	1015 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	108659
Business Type:	6HK70
EPA Id Number:	CAL000219222
APN:	219-330-62-00
Last HMMD Inspection:	08/11/2011
Facility Telephone:	760-736-3241
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DON HUBBARD
Facility Mailing Address:	1015 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	CERTAINTEED CORP.
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	GASOLINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	MIXED OILS
Other Information:	Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 108659
Business Type: 6HK70
EPA Id Number: CAL000219222
APN: 219-330-62-00
Last HMMD Inspection: 08/11/2011
Facility Telephone: 760-736-3241
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: DON HUBBARD
Facility Mailing Address: 1015 LINDA VISTA DR #A
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: CERTAINTEED CORP.
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108659

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	GASOLINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	MIXED OILS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN/ACETYLENE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information:	PARTS CLEANER (1)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	108659
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 108659
Business Type: 6HK70
EPA Id Number: CAL000219222
APN: 219-330-62-00
Last HMMD Inspection: 08/11/2011
Facility Telephone: 760-736-3241
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: DON HUBBARD
Facility Mailing Address: 1015 LINDA VISTA DR #A
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: CERTAINTEED CORP.
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: GASOLINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MIXED OILS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Update Date:	11/02/2012
Inspection Date:	02/09/2004
Violation Code:	6HV0210
Violation:	DID NOT CLEAN SPILL TO FLOOR
Violation Citation:	Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity:	ACTIVE
Permit Number:	108659
Update Date:	11/02/2012
Inspection Date:	02/09/2004
Violation Code:	6HV0216
Violation:	HAZMATS WITHOUT PROPER LABELS
Violation Citation:	Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity:	ACTIVE

UST:

UST Name:	UNDERGROUND TANK 108659 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	108659
Tank Type:	UNKNOWN
Additional Id:	1
Capacity Gallons:	1000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1989-01-30 00:00:00
Year Installed:	1973-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name:	DON HUBBARD CONTRACTING CO
Address:	1015 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	108659
Business Type:	6HK70
EPA Id Number:	CAL000219222
APN:	219-330-62-00
Last HMMD Inspection:	08/11/2011
Facility Telephone:	760-736-3241
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DON HUBBARD
Facility Mailing Address:	1015 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	CERTAINTEED CORP.
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: GASOLINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MIXED OILS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Remove Close Date:	1989-01-30 00:00:00
Year Installed:	1973-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name:	DON HUBBARD CONTRACTING CO
Address:	1015 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	108659
Business Type:	6HK70
EPA Id Number:	CAL000219222
APN:	219-330-62-00
Last HMMD Inspection:	08/11/2011
Facility Telephone:	760-736-3241
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	DON HUBBARD
Facility Mailing Address:	1015 LINDA VISTA DR #A
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	CERTAINTEED CORP.
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	108659
Update Date:	11/02/2012
Case Number:	8006-61-9
Name:	GASOLINE
Other Information:	Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MIXED OILS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2);

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1
Capacity Gallons: 1000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1989-01-30 00:00:00
Year Installed: 1973-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 108659
Business Type: 6HK70
EPA Id Number: CAL000219222
APN: 219-330-62-00
Last HMMD Inspection: 08/11/2011
Facility Telephone: 760-736-3241
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: DON HUBBARD
Facility Mailing Address: 1015 LINDA VISTA DR #A
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: CERTAINTEED CORP.

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (1X1000+1X680) ON TRUCK/ /TRAILER
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8006-61-9
Name: GASOLINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MIXED OILS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 108659
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN/ACETYLENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER (1)

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108659
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0210
Violation: DID NOT CLEAN SPILL TO FLOOR
Violation Citation: Failure to clean up hazardous waste off of floor surface. 66262.10b
Activity: ACTIVE

Permit Number: 108659
Update Date: 11/02/2012
Inspection Date: 02/09/2004
Violation Code: 6HV0216
Violation: HAZMATS WITHOUT PROPER LABELS
Violation Citation: Hazardous materials have not been adequately labeled within 10 days & are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 108659 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 108659
Tank Type: UNKNOWN
Additional Id: 1

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Capacity Gallons:	1000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1989-01-30 00:00:00
Year Installed:	1973-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name:	DON HUBBARD CONTRACTING CO
Address:	1015 LINDA VISTA DR A
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000219222
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-736-3241
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	04/27/2021
Facility Owner:	Not reported
Facility Mailing Address:	1015 LINDA VISTA DR #A, SAN MARCOS, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

UST DTL:

Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108659
Facility Type (Ust Facility):	Not reported
Tank Owner Name:	DON HUBBARD
Tankid:	20546
Tank Status:	Removed
Date Ust Permanently Closed:	01/30/1989
Tank Use:	01
Piping System Type:	Not reported
Last Updated:	2021-04-27T02:38:22.000
Tank Capacityin Gallons:	1000
Tank Contents:	1A
Type Of Tank:	95

Waste and Materials:

Record ID:	DEH2002-HUPFP-108659

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0173577
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-03-13T01:08:15.000
Chemical Name:	DIESEL FUEL
Common Name:	DIESEL FUEL
Case Number:	68334-30-5

Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0147709
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-03-13T01:08:16.000
Chemical Name:	WASTE 221 WASTE OIL & MIXED OIL
Common Name:	USED OIL
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184086
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-20T02:31:48.000
Chemical Name:	Diesel Fuel No. 2
Common Name:	Diesel Fuel No. 2
Case Number:	68476-34-6

Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184087
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-04-20T02:31:48.000
Chemical Name:	Gasoline
Common Name:	Gasoline
Case Number:	86290-81-5

Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0158471
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-04-20T02:31:48.000
Chemical Name:	Lubricating oils, used
Common Name:	Used lubricating oils
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Child Record Id:	DEH2016-HCHEM-0104818
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-05-02T02:30:28.000
Chemical Name:	DIESEL FUEL
Common Name:	FUEL TRUCK (DIESEL, 680 Gal)
Case Number:	68334-30-5
Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0104819
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-05-02T02:30:28.000
Chemical Name:	GASOLINE
Common Name:	GASOLINE
Case Number:	8006-61-9
Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0104820
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2017-05-02T02:30:28.000
Chemical Name:	DIESEL FUEL
Common Name:	DIESEL FUEL
Case Number:	68334-30-5
Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HWAST-0086645
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-05-02T02:30:28.000
Chemical Name:	WASTE 221 WASTE OIL & MIXED OIL
Common Name:	USED OIL
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0173576
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-03-13T01:08:15.000
Chemical Name:	GASOLINE
Common Name:	GASOLINE
Case Number:	8006-61-9
Record ID:	DEH2002-HUPFP-108659
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0258446
Trade Secret:	N

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Hazardous Material Type: Pure
Last Updated: 2021-04-27T02:38:22.000
Chemical Name: Diesel Fuel No. 2
Common Name: Diesel Fuel No. 2
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-108659
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258447
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-04-27T02:38:22.000
Chemical Name: Gasoline
Common Name: Gasoline
Case Number: 86290-81-5

Record ID: DEH2002-HUPFP-108659
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229373
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-04-27T02:38:22.000
Chemical Name: Lubricating oils, used
Common Name: Used lubricating oils
Case Number: Not reported

CERS HAZ WASTE:
Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 26047
CERS ID: 10375603
CERS Description: Hazardous Waste Generator

CHMIRS:
Name: Not reported
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
OES Incident Number: 5-5078
OES notification: 08/30/2005
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
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:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Storm Drain/ Earthen Creek
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2005
Agency:	Western Farm Service
Incident Date:	8/30/200512:00:00 AM
Admin Agency:	San Diego County Health Services Dept.
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	Ammonium Nitrate AN20
Gallons:	5,900
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	20
Number of Injuries:	0
Number of Fatalities:	0
#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:	Substance was released due to the storage tank ruptured. Contractors and company personnel are on scene conducting clean-up. Earthen creek contained some water. Substance has been pumped from creek. The adjoining business was evacuated.

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

CERS:
Name: DON HUBBARD CONTRACTING CO
Address: 1015 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 26047
CERS ID: 10375603
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-13-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5419164
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-13-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5419164
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5926347
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Halsey Christopher Inspection ID:6439350
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-08-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5926347
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Don Hubbard

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Entity Title: Not reported
Affiliation Address: 1015 LINDA VISTA DR. #A
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92069
Affiliation Phone: (760) 736-3241,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1015 LINDA VISTA DR #A
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: DON HUBBARD, JR
Entity Title: President
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Don Hubbard
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: (760) 736-3241,

Affiliation Type Desc: Parent Corporation
Entity Name: DON HUBBARD CONTRACTING CO
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: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

DON HUBBARD CONTRACTING CO (Continued) **S106060673**

Affiliation Type Desc:	Document Preparer
Entity Name:	DON HUBBARD, JR
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:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	DON HUBBARD, JR
Entity Title:	Not reported
Affiliation Address:	1015 LINDA VISTA DR #A
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

M68 **PARKSON DIVISION** **San Diego Co. HMMD** **U001572218**
NE **1015 LINDA VISTA DR** **HIST UST** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069**
0.236 mi.
1246 ft. **Site 7 of 11 in cluster M**

Relative:
Higher

Actual:
540 ft.

HMMD SAN DIEGO:

Name:	CROP PRODUCTION SERVICE, INC
Address:	1015 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	210762
Business Type:	6HK39
EPA Id Number:	Not reported
APN:	219-330-62-00
Last HMMD Inspection:	08/16/2011
Facility Telephone:	760-744-2514
Permit Status:	OPEN
Permit Expiration:	09/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	CROP PRODUCTION SERVICES, INC.
Facility Mailing Address:	1015 LINDA VISTA DR #B
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	39148-24-8
Name:	ALLIETTE (ALUMINUM TRIS 80%): FUNGICIDE

PARKSON DIVISION (Continued) **U001572218**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 6484-52-2
Name: AMMONIUM NITRATE LIQUID FERTILIZER SOLUTION 20-0-0
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 10124-37-5
Name: CALCIUM NITRATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 10124-37-5
Name: CALCIUM NITRATE LIQUID FERTILIZER SOLUTION
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 76-06-2
Name: CHLOROPICRIN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 60-51-5
Name: DIMETHOATE 2.67 (DIMETHOATE 30.5%) AHM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 8018-01-7
Name: DITHANE TT-0 (MANCOZEB 80-85%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE

PARKSON DIVISION (Continued) **U001572218**

Hazardous Categories 2: ACUTE

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 732-11-6
Name: IMIDAN 70 WSP (PHOSMET 50%)AHM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7786-34-7
Name: METHYL BROMIDE 99.5% - AHM & CHLOROPICRIN MIXTURE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS BAGGED FERTILIZER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS LIQUID FUNGICIDES, RETAIL SALE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS LIQUID HERBICIDES, RETAIL SALE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS LIQUID INSECTICIDES, RETAIL SALE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762

PARKSON DIVISION (Continued) **U001572218**

Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	MISCELLANEOUS SOLID (POWDERED) FUNGICIDES, RETAIL SALE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	MISCELLANEOUS SOLID (POWDERED) HERBICIDES, RETAIL SALE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	MISCELLANEOUS SOLID (POWDERED) INSECTICIDES, RETAIL SALE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	7664-93-9
Name:	N-PHURIC 15/49 LIQUID FERTILIZER (SULFURIC ACID)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	EXTREMELY HAZARDOUS
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	7757-79-1
Name:	POTASSIUM NITRATE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE COMPRESSED GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	PYRELLIN E.C.: PYRETHRIN, INSECTICIDE

PARKSON DIVISION (Continued) **U001572218**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: RED GLUE E-850 (ETHANOL BASE GLUE)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 19666-30-9
Name: RONSTAR G (OXADIAZON 2%): HERBICIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 38641-94-0
Name: ROUNDUP (GLYPHOSATE, N-PHOSPHONOMETHYLGLYCINE)
Other Information: LIQUID & SOLID: 41% CONC.
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 72623-84-8
Name: SEVERELY HYDROTREATED PARAFFINIC OIL
Other Information: STYLET OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 63-25-2
Name: SEVIN 5% BAIT (CARBARYL 5%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 63-25-2
Name: SEVIN 80S (CARBARYL 80%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE

PARKSON DIVISION (Continued) **U001572218**

Hazardous Categories 2: CHRONIC

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID, LIQUID FERTILIZER GRADE AHM
Other Information: OIL OF VITROL
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 10124-37-5
Name: UREA-NITROGEN LIQUID FERTILIZER SOLUTION (UN 32)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 23135-22-0
Name: VYDATE L (OXAMYL 24%) AHM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: WHITE PHOSPHORIC ACID 54.5%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: WHITE PHOSPHORIC ACID LIQUID FERTILIZER
Other Information: SOLUTION (6500 GAL)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 57-24-9
Name: WILCO GOPHER BAIT (STRYCHNINE ALKALOID DFX 0.05%) AHM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

PARKSON DIVISION (Continued) **U001572218**

Violations Active Permits:

Permit Number:	210762
Update Date:	11/02/2012
Inspection Date:	08/16/2011
Violation Code:	6HV1014
Violation:	HMBP INCOMPLETE/NOT AMENDED
Violation Citation:	HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity:	ACTIVE

Permit Number:	210762
Update Date:	11/02/2012
Inspection Date:	08/16/2011
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE

Name:	CROP PRODUCTION SERVICE, INC
Address:	1015 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	210762
Business Type:	6HK39
EPA Id Number:	Not reported
APN:	219-330-62-00
Last HMMD Inspection:	08/16/2011
Facility Telephone:	760-744-2514
Permit Status:	OPEN
Permit Expiration:	09/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	CROP PRODUCTION SERVICES, INC.
Facility Mailing Address:	1015 LINDA VISTA DR #B
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	39148-24-8
Name:	ALLIETTE (ALUMINUM TRIS 80%): FUNGICIDE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	210762
Update Date:	11/02/2012

PARKSON DIVISION (Continued) **U001572218**

Case Number:	6484-52-2
Name:	AMMONIUM NITRATE LIQUID FERTILIZER SOLUTION 20-0-0
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	10124-37-5
Name:	CALCIUM NITRATE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	10124-37-5
Name:	CALCIUM NITRATE LIQUID FERTILIZER SOLUTION
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	76-06-2
Name:	CHLOROPICRIN GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	EXTREMELY HAZARDOUS
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	60-51-5
Name:	DIMETHOATE 2.67 (DIMETHOATE 30.5%) AHM
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	EXTREMELY HAZARDOUS
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	8018-01-7
Name:	DITHANE TT-0 (MANCOZEB 80-85%)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	210762
Update Date:	11/02/2012
Case Number:	732-11-6
Name:	IMIDAN 70 WSP (PHOSMET 50%)AHM
Other Information:	Not reported

PARKSON DIVISION (Continued) **U001572218**

Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7786-34-7
Name: METHYL BROMIDE 99.5% - AHM & CHLOROPICRIN MIXTURE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS BAGGED FERTILIZER
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS LIQUID FUNGICIDES, RETAIL SALE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS LIQUID HERBICIDES, RETAIL SALE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS LIQUID INSECTICIDES, RETAIL SALE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: MIXTURE
Name: MISCELLANEOUS SOLID (POWDERED) FUNGICIDES, RETAIL SALE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

PARKSON DIVISION (Continued) **U001572218**

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	MISCELLANEOUS SOLID (POWDERED) HERBICIDES, RETAIL SALE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	MISCELLANEOUS SOLID (POWDERED) INSECTICIDES, RETAIL SALE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	7664-93-9
Name:	N-PHURIC 15/49 LIQUID FERTILIZER (SULFURIC ACID)
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	EXTREMELY HAZARDOUS
Hazardous Categories 2:	Not reported

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	7757-79-1
Name:	POTASSIUM NITRATE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE COMPRESSED GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	MIXTURE
Name:	PYRELLIN E.C.: PYRETHRIN, INSECTICIDE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported

Permit Number:	210762
Update Date:	11/02/2012
Case Number:	MIXTURE

PARKSON DIVISION (Continued) **U001572218**

Name: RED GLUE E-850 (ETHANOL BASE GLUE)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 19666-30-9
Name: RONSTAR G (OXADIAZON 2%): HERBICIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 38641-94-0
Name: ROUNDUP (GLYPHOSATE, N-PHOSPHONOMETHYLGLYCINE)
Other Information: LIQUID & SOLID: 41% CONC.
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 72623-84-8
Name: SEVERELY HYDROTREATED PARAFFINIC OIL
Other Information: STYLET OIL
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 63-25-2
Name: SEVIN 5% BAIT (CARBARYL 5%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 63-25-2
Name: SEVIN 80S (CARBARYL 80%)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: SULFURIC ACID, LIQUID FERTILIZER GRADE AHM
Other Information: OIL OF VITROL
Material Waste: Material

PARKSON DIVISION (Continued) **U001572218**

Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 10124-37-5
Name: UREA-NITROGEN LIQUID FERTILIZER SOLUTION (UN 32)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 23135-22-0
Name: VYDATE L (OXAMYL 24%) AHM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: WHITE PHOSPHORIC ACID 54.5%
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: WHITE PHOSPHORIC ACID LIQUID FERTILIZER
Other Information: SOLUTION (6500 GAL)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 210762
Update Date: 11/02/2012
Case Number: 57-24-9
Name: WILCO GOPHER BAIT (STRYCHNINE ALKALOID DFX 0.05%) AHM
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: EXTREMELY HAZARDOUS
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 210762
Update Date: 11/02/2012
Inspection Date: 08/16/2011
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

PARKSON DIVISION (Continued) **U001572218**

Permit Number:	210762
Update Date:	11/02/2012
Inspection Date:	08/16/2011
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE

HIST UST:

Name:	PARKSON DIVISION
Address:	1015 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
File Number:	0002ADA7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ADA7.pdf
Region:	STATE
Facility ID:	00000006924
Facility Type:	Other
Other Type:	PIPELINE SALES
Contact Name:	PHIL GRIMES
Telephone:	6197445335
Owner Name:	CERTAINTEED CORP.
Owner Address:	14000 FIRESTONE BLVD.
Owner City,St,Zip:	SANTA FE SPRINGS, CA 92069
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1973
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

M69 **MISSION AUTO REPAIR** **San Diego Co. HMMD** **1000220043**
NNE **1020 LINDA VISTA DR B** **DRYCLEANERS** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078**
0.245 mi.
1292 ft. **Site 8 of 11 in cluster M**

Relative:
Higher

Actual:
540 ft.

HMMD SAN DIEGO:

Name:	MISSION AUTO REPAIR
Address:	1020 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	216710
Business Type:	6HK26
EPA Id Number:	CAL000375579
APN:	219-152-27-00
Last HMMD Inspection:	07/06/2012
Facility Telephone:	760-744-8100
Permit Status:	OPEN
Permit Expiration:	05/31/2013
Date Last Updated:	11/02/2012

MISSION AUTO REPAIR (Continued) **1000220043**

Facility Owner:	MISSION AUTO REPAIR
Facility Mailing Address:	1020 LINDA VISTA DR #B
Facility Mailing City:	San Marcos
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	216710
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	216710
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	ANRIFREEZE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	216710
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	USED LEAD ACID BATTERIES
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	216710
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	216710
Update Date:	11/02/2012
Inspection Date:	07/06/2012
Violation Code:	6HV1002
Violation:	HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation:	Hazardous materials handler has not established/implemented a business

MISSION AUTO REPAIR (Continued) **1000220043**

plan. HSC 25503.5(a)
Activity: ACTIVE

Name: MISSION AUTO REPAIR
Address: 1020 LINDA VISTA DR B
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000375579
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 760-744-8100
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 05/11/2021
Facility Owner: Not reported
Facility Mailing Address: 1020B Linda Vista Dr, San Marcos, CA 92078
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216710
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5873826
Return To Compliance Date: 2018-01-25T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-05-11T00:00:00.000
Inspection Date: 2018-01-25T14:33:50.000
Violation Code: 1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-216710
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5416013
Return To Compliance Date: 2016-04-14T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported

MISSION AUTO REPAIR (Continued) **1000220043**

Container/Tank Id:	Not reported
Last Update:	2021-05-11T00:00:00.000
Inspection Date:	2016-03-23T11:24:00.000
Violation Code:	3020001 Failed to ensure employees are trained for hazardous waste handling, compliance with regulations, and emergency response procedures. (40 CFR 262.34(d)(5)(iii).) 22 CCR 66262.34(d)(2)
Record ID:	DEH2012-HUPFP-216710
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-216710
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5416013
Return To Compliance Date:	2016-03-23T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-11T00:00:00.000
Inspection Date:	2016-03-23T11:24:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)
Record ID:	DEH2012-HUPFP-216710
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-216710
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5416013
Return To Compliance Date:	2016-04-14T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-11T00:00:00.000
Inspection Date:	2016-03-23T11:24:00.000
Violation Code:	1020002 Initial and/or annual employee training not conducted for hazardous materials management and/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4)
Record ID:	DEH2012-HUPFP-216710
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-216710
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5873826
Return To Compliance Date:	2018-01-25T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-11T00:00:00.000
Inspection Date:	2018-01-25T14:33:50.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC

MISSION AUTO REPAIR (Continued) **1000220043**

25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

Record ID:	DEH2012-HUPFP-216710
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-216710
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6367512
Return To Compliance Date:	2020-03-17T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-11T00:00:00.000
Inspection Date:	2020-02-20T00:00:00.000
Violation Code:	1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)

Record ID:	DEH2012-HUPFP-216710
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-216710
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6367512
Return To Compliance Date:	2020-02-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-11T00:00:00.000
Inspection Date:	2020-02-20T00:00:00.000
Violation Code:	1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Waste and Materials:

Record ID:	DEH2012-HUPFP-216710
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0199246
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-02-21T02:04:33.000
Chemical Name:	Lubricating Oil
Common Name:	Lubricating Oil
Case Number:	Not reported

Record ID:	DEH2012-HUPFP-216710
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0171852
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-02-21T02:04:33.000

MISSION AUTO REPAIR (Continued) **1000220043**

Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0250268
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-05-11T02:36:19.000
Chemical Name: Lubricating Oil
Common Name: Lubricating Oil
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0078200
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-18T02:35:19.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0078201
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-18T02:35:19.000
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name: ANTIFREEZE
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0078202
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-04-18T02:35:19.000
Chemical Name: Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0167772
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-20T02:33:14.000
Chemical Name: Lubricating Oil
Common Name: Lubricating Oil

MISSION AUTO REPAIR (Continued) **1000220043**

Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142300
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-20T02:33:14.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142301
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-20T02:33:14.000
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name: ANTIFREEZE
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142302
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-20T02:33:14.000
Chemical Name: Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0171853
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-21T02:04:33.000
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name: ANTIFREEZE
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0171854
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-02-21T02:04:33.000
Chemical Name: Parts Washer
Common Name: Parts Washer
Case Number: Not reported

MISSION AUTO REPAIR (Continued) **1000220043**

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221430
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-11T02:36:19.000
Chemical Name: WASTE 221 WASTE OIL & MIXED OIL
Common Name: WASTE 221 WASTE OIL & MIXED OIL
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221431
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-11T02:36:19.000
Chemical Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Common Name: ANTIFREEZE
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221432
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-11T02:36:19.000
Chemical Name: Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2012-HUPFP-216710
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0221433
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-11T02:36:19.000
Chemical Name: non-rcra hazardous waste used metal filters (not drained)
Common Name: used metal filters (not drained)
Case Number: Not reported

DRYCLEANERS:
Name: WESTERN SIGN SYSTEMS
Address: 1020 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920782656
EPA Id: CAL000223784
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 10/03/2001
Facility Active: No
Inactive Date: 06/30/2013

MISSION AUTO REPAIR (Continued) **1000220043**

Facility Addr2:	Not reported
Owner Name:	WESTERN SIGN SYSTEMS
Owner Address:	1020 LINDA VISTA DR
Owner Address 2:	Not reported
Owner Telephone:	7607366070
Contact Name:	RICHARD DELGATTO/GEN MGR
Contact Address:	1020 LINDA VISTA DR
Contact Address 2:	Not reported
Contact Telephone:	7607366070
Contact Fax:	7607367063
Mailing Name:	Not reported
Mailing Address 1:	261 S PACIFIC ST
Mailing Address 2:	Not reported
Mailing City:	SAN MARCOS
Mailing State:	CA
Mailing Zip:	920782429
Owner Fax:	7607366073
Region Code:	4
Latitude:	33.139039
Longitude:	-117.187004

M70 **MISSION AUTO REPAIR** **San Diego Co. HMMD** **S106072437**
NNE **1020B LINDA VISTA DR** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN MARCOS, CA 92078** **CERS**
0.245 mi. **HWTS**
1292 ft. **Site 9 of 11 in cluster M**

Relative: Higher

Actual: 540 ft.

HMMD SAN DIEGO:

Name:	PROGRESS METAL FABRICATION
Address:	1020 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	202506
Business Type:	6HK35
EPA Id Number:	Not reported
APN:	219-152-27-00
Last HMMD Inspection:	10/03/2003
Facility Telephone:	760-591-9258
Permit Status:	INAC
Permit Expiration:	03/31/2004
Date Last Updated:	11/02/2012
Facility Owner:	PROGRESSIVE METAL FABRICATION INC
Facility Mailing Address:	1504 SAN MATEO ST
Facility Mailing City:	OCEANSIDE
Facility Mailing State:	CA
Facility Mailing Zip:	92054
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Violations Inactive Permits:

Permit Number:	202506
Update Date:	11/02/2012
Inspection Date:	10/03/2003
Violation Code:	6HV1001

MISSION AUTO REPAIR (Continued) **S106072437**

Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: Inactive Permit

Permit Number: 202506
Update Date: 11/02/2012
Inspection Date: 10/03/2003
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: Inactive Permit

Permit Number: 202506
Update Date: 11/02/2012
Inspection Date: 10/03/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: Inactive Permit

Permit Number: 202506
Update Date: 11/02/2012
Inspection Date: 10/03/2003
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: Inactive Permit

CERS HAZ WASTE:
Name: MISSION AUTO REPAIR
Address: 1020B LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 49386
CERS ID: 10376680
CERS Description: Hazardous Waste Generator

CERS:
Name: MISSION AUTO REPAIR
Address: 1020B LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 49386
CERS ID: 10376680
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 49386
Site Name: MISSION AUTO REPAIR
Violation Date: 03-23-2016
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 hazardous material

MISSION AUTO REPAIR (Continued) **S106072437**

	inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	49386
Site Name:	MISSION AUTO REPAIR
Violation Date:	01-25-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
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 01/25/2018.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	49386
Site Name:	MISSION AUTO REPAIR
Violation Date:	01-25-2018
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/25/2018.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	49386
Site Name:	MISSION AUTO REPAIR
Violation Date:	03-23-2016
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 04/14/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	49386
Site Name:	MISSION AUTO REPAIR
Violation Date:	02-20-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 02/20/2020. Inspection Sequence ID:6367512
Violation Division:	San Diego County Department of Env Health

MISSION AUTO REPAIR (Continued) **S106072437**

Violation Program: HMRRP
Violation Source: CERS,

Site ID: 49386
Site Name: MISSION AUTO REPAIR
Violation Date: 02-20-2020
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 03/17/2020. Inspection Sequence ID:6367512
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5416013
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5873826
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5873826
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6367512
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2016
Violations Found: Yes

MISSION AUTO REPAIR (Continued) **S106072437**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5416013
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-20-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6367512
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: SUSAN HARGROVE
Entity Title: Not reported
Affiliation Address: 1020B Linda Vista Dr
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Susan Hargrove
Entity Title: Office Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: JOHN R HARGROVE JR
Entity Title: Not reported
Affiliation Address: 1020B Linda Vista Dr
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 744-8100,

Affiliation Type Desc: Parent Corporation

MISSION AUTO REPAIR (Continued) **S106072437**

Entity Name:	Mission Auto Repair
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1020B Linda Vista Dr
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	JOHN R HARGROVE JR
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:	(760) 744-8100,

HWTS:

Name:	MISSION AUTO REPAIR
Address:	1020B LINDA VISTA DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAL000375579
Inactive Date:	Not reported
Create Date:	06/21/2012
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1020-B LINDA VISTA DRIVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MARCOS, CA 920782612
Owner Name:	JOHN R HARGROVE JR
Owner Address:	1020B LINDA VISTA DR
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MARCOS, CA 920782612
Contact Name:	JOHN HARGROVE JR
Contact Address:	1020B LINDA VISTA DR
Contact Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92078
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.13908478
Longitude:	-117.1871163

MISSION AUTO REPAIR (Continued) **S106072437**

NAICS:

EPA ID:	CAL000375579
Create Date:	2012-06-21 11:55:17.243
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2012-06-21 11:55:17.22700
Inactive Date:	Not reported
Facility Name:	MISSION AUTO REPAIR
Facility Address:	1020B LINDA VISTA DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920782656

EPA ID:	CAL000375579
Create Date:	2013-04-02 07:48:29.000
NAICS Code:	811118
NAICS Description:	Other Automotive Mechanical and Electrical Repair and Maintenance
Issued EPA ID Date:	2012-06-21 11:55:17.22700
Inactive Date:	Not reported
Facility Name:	MISSION AUTO REPAIR
Facility Address:	1020B LINDA VISTA DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920782656

M71 **MISSION AUTO REPAIR** **RCRA NonGen / NLR** **1024834685**
NNE **1020B LINDA VISTA DR** **CAL000375579**
1/8-1/4 **SAN MARCOS, CA 92078**
0.245 mi.
1292 ft. **Site 10 of 11 in cluster M**

Relative: **Higher**
Actual: **540 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20120621
Handler Name:	MISSION AUTO REPAIR	
Handler Address:		1020B LINDA VISTA DR
Handler City,State,Zip:		SAN MARCOS, CA 92078-2656
EPA ID:		CAL000375579
Contact Name:		JOHN HARGROVE JR
Contact Address:		1020B LINDA VISTA DR
Contact City,State,Zip:		SAN MARCOS, CA 92078
Contact Telephone:		760-744-8100
Contact Fax:		760-744-2374
Contact Email:		SCOOTEE2@GMAIL.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

MISSION AUTO REPAIR (Continued) **1024834685**

State District:	Not reported
Mailing Address:	1020-B LINDA VISTA DRIVE
Mailing City,State,Zip:	SAN MARCOS, CA 92078-2656
Owner Name:	JOHN R HARGROVE JR
Owner Type:	Other
Operator Name:	JOHN HARGROVE JR
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:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No

MISSION AUTO REPAIR (Continued) **1024834685**

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:	JOHN HARGROVE JR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1020B LINDA VISTA DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078
Owner/Operator Telephone:	760-744-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOHN R HARGROVE JR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1020B LINDA VISTA DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92078-2656
Owner/Operator Telephone:	760-744-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120621
Handler Name: MISSION AUTO REPAIR	
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:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

NAICS Code:	811118
NAICS Description:	OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:

Violations:	No Violations Found

MISSION AUTO REPAIR (Continued) **1024834685**

Evaluation Action Summary:
Evaluations: No Evaluations Found

N72 **PEP BOYS #1712** **AST** **S103818030**
East **868 W SAN MARCOS BLVD** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SAN MARCOS, CA 92069** **HAZNET**
0.245 mi. **CERS**
1296 ft. **Site 1 of 5 in cluster N** **HWTS**

Relative:
Higher

Actual:
540 ft.

AST:

Name:	PREMIER AUTO SERVICE
Address:	868 W SAN MARCOS BLVD
City/Zip:	SAN MARCOS,92069
Certified Unified Program Agencies:	Not reported
Owner:	Harry Pogharian
Total Gallons:	Not reported
CERSID:	10376434
Facility ID:	37-000-211739
Business Name:	PREMIER AUTO SERVICE
Phone:	760-591-3900
Fax:	Not reported
Mailing Address:	868 W SAN MARCOS BLVD
Mailing Address City:	SAN MARCOS
Mailing Address State:	CA
Mailing Address Zip Code:	92078
Operator Name:	PREMIER AUTO SERVICE, INC
Operator Phone:	760-591-3900
Owner Phone:	760-591-3900
Owner Mail Address:	868 W SAN MARCOS BLVD
Owner State:	CA
Owner Zip Code:	92069
Owner Country:	United States
Property Owner Name:	Harry Pogharian
Property Owner Phone:	760-591-3900
Property Owner Mailing Address:	868 W SAN MARCOS BLVD
Property Owner City:	SAN MARCOS
Property Owner Stat :	CA
Property Owner Zip Code:	92069
Property Owner Country:	United States
EPAID:	CAL000350090

Name:	PREMIER AUTO SERVICE
Address:	868 W SAN MARCOS BL
City/Zip:	SAN MARCOS,
Certified Unified Program Agencies:	San Diego
Owner:	THURNER ENTERPRISES, INC
Total Gallons:	1620
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

PEP BOYS #1712 (Continued) **S103818030**

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

CERS HAZ WASTE:

Name:	PEP BOYS #1712
Address:	868 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	58613
CERS ID:	10376434
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	PEP BOYS #1712
Address:	868 W SAN MARCOS BLVD
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 191321116
Contact:	ALANA PERSAD
Telephone:	2154309226
Mailing Name:	Not reported
Mailing Address:	3111 W ALLEGHENY AVE
Year:	2019
Gepaid:	CAL000428633
TSD EPA ID:	AZR000521146
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:	0.02000
Year:	2019
Gepaid:	CAL000428633
TSD EPA ID:	AZR000521146
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:	0.35000
Year:	2019
Gepaid:	CAL000428633
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)

PEP BOYS #1712 (Continued) **S103818030**

Tons: 0.00100

Year: 2019
Gepaid: CAL000428633
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: 0.22518

Year: 2019
Gepaid: CAL000428633
TSD EPA ID: NVD980895338
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: 0.01050

Year: 2018
Gepaid: CAL000428633
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: 0.06255

Year: 2018
Gepaid: CAL000428633
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: 0.40000

Year: 2017
Gepaid: CAL000428633
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

Additional Info:
Year: 2017
Gen EPA ID: CAL000428633

Shipment Date: 20171117
Creation Date: 8/2/2018 18:30:23
Receipt Date: 20171204
Manifest ID: 017731880JJK
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

PEP BOYS #1712 (Continued) **S103818030**

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

CERS:

Name:	PEP BOYS #1712
Address:	868 W SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	58613
CERS ID:	10376434
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	58613
Site Name:	Pep Boys #1712
Violation Date:	07-27-2019
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 10/08/2019. Inspection Sequence ID:6210253
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	58613
Site Name:	Pep Boys #1712
Violation Date:	09-29-2015
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 and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .
Violation Notes:	Returned to compliance on 09/29/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	58613
Site Name:	Pep Boys #1712
Violation Date:	09-29-2015
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.

PEP BOYS #1712 (Continued) **S103818030**

Violation Notes:	Returned to compliance on 09/29/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	58613
Site Name:	Pep Boys #1712
Violation Date:	07-05-2017
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 07/19/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	58613
Site Name:	Pep Boys #1712
Violation Date:	07-27-2019
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 10/08/2019. Inspection Sequence ID:6210253
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	58613
Site Name:	Pep Boys #1712
Violation Date:	07-05-2017
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:	Returned to compliance on 08/07/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	58613
Site Name:	Pep Boys #1712
Violation Date:	07-05-2017
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 08/04/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

PEP BOYS #1712 (Continued) **S103818030**

Site ID: 58613
Site Name: Pep Boys #1712
Violation Date: 07-27-2019
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 10/08/2019. Inspection Sequence ID:6210253
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 58613
Site Name: Pep Boys #1712
Violation Date: 09-29-2015
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 09/29/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 58613
Site Name: Pep Boys #1712
Violation Date: 09-29-2015
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 10/08/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-29-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:4109854
Eval Division: San Diego County Department of Env Health

PEP BOYS #1712 (Continued) **S103818030**

Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-05-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5732765
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-05-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5732765
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-27-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Kieu Bridget Inspection ID:6210253
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-27-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Kieu Bridget Inspection ID:6210253
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-29-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:4109854
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-29-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:4109854
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,

PEP BOYS #1712 (Continued) **S103818030**

Affiliation:

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3111 W Allegheny Avenue, Attn: Environmental Department
Affiliation City:	Philadelphia
Affiliation State:	PA
Affiliation Country:	Not reported
Affiliation Zip:	19132
Affiliation Phone:	,

Affiliation Type Desc:	Document Preparer
Entity Name:	David Abraham
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:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	David Abraham
Entity Title:	California EHS Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Pep Boys - Manny, Moe & Jack
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:	(215) 430-9226,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Pep Boys- Manny, Moe & Jack
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:	,

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA

PEP BOYS #1712 (Continued) **S103818030**

Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: David Abraham
Entity Title: Not reported
Affiliation Address: 3111 W. Allegheny Avenue
Affiliation City: Philadelphia
Affiliation State: PA
Affiliation Country: Not reported
Affiliation Zip: 19132
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Pep Boys - Manny, Moe & Jack
Entity Title: Not reported
Affiliation Address: alana_persad@pepboys.com
Affiliation City: Philadelphia
Affiliation State: PA
Affiliation Country: United States
Affiliation Zip: 19132
Affiliation Phone: (215) 430-9226,

HWTS:
Name: PEP BOYS #1712
Address: 868 W SAN MARCOS BLVD
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000428633
Inactive Date: Not reported
Create Date: 06/21/2017
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3111 W ALLEGHENY AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: PHILADELPHIA, PA 191321116
Owner Name: THE PEP BOYS MANNY MOE & JACK OF CA
Owner Address: 3111 WEST ALLEGHENY AVE
Owner Address 2: Not reported
Owner City,State,Zip: PHILADELPHIA, PA 191320000
Contact Name: ANGELA BANKS
Contact Address: 3111 WEST ALLEGHENY AVENUE
Contact Address 2: Not reported
City,State,Zip: PHILADELPHIA, PA 19132
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.13604867
Longitude: -117.1837276

NAICS:
EPA ID: CAL000428633
Create Date: 2017-06-21 10:16:43.077
NAICS Code: 811111
NAICS Description: General Automotive Repair

PEP BOYS #1712 (Continued) **S103818030**

Issued EPA ID Date:	2017-06-21 10:16:42.84000
Inactive Date:	Not reported
Facility Name:	PEP BOYS #1712
Facility Address:	868 W SAN MARCOS BLVD
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92078

N73 **PEP BOYS #1712** **RCRA NonGen / NLR** **1024860334**
East **868 W SAN MARCOS BLVD** **CAL000428633**
1/8-1/4 **SAN MARCOS, CA 92078**
0.245 mi.
1296 ft. **Site 2 of 5 in cluster N**

Relative: **Higher**
Actual: **540 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20170621
Handler Name:	PEP BOYS #1712	
Handler Address:		868 W SAN MARCOS BLVD
Handler City,State,Zip:		SAN MARCOS, CA 92078
EPA ID:		CAL000428633
Contact Name:		ALANA PERSAD
Contact Address:		3111 W ALLEGHENY AVENUE, ATTN: ENVI
Contact City,State,Zip:		PHILADELPHIA, PA 19132
Contact Telephone:		215-430-9226
Contact Fax:		215-430-4639
Contact Email:		ALANA_PERSAD@PEPBOYS.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:		3111 W ALLEGHERY AVE
Mailing City,State,Zip:		PHILADELPHIA, PA 19132
Owner Name:		THE PEP BOYS - MANY MOE & JACK
Owner Type:		Other
Operator Name:		ALANA PERSAD
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

PEP BOYS #1712 (Continued) **1024860334**

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:	20180907
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:	ALANA PERSAD
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 W ALLEGHENY AVENUE, ATTN: ENVI
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19132
Owner/Operator Telephone:	215-430-9226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PEP BOYS #1712 (Continued) **1024860334**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE PEP BOYS - MANY MOE & JACK
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3111 W ALLEGHERY AVE
Owner/Operator City,State,Zip:	PHILADELPHIA, PA 19132
Owner/Operator Telephone:	215-430-9645
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20170621
Handler Name: PEP BOYS #1712	
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:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

N74 **FIRST NATIONAL BANK** **LUST S104753084**
East **885 SAN MARCOS** **HIST CORTESE N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.264 mi.
1392 ft. **Site 3 of 5 in cluster N**

Relative:
Higher

Actual:
540 ft.

LUST:

Name:	FIRST NATIONAL BANK/N COUNTY
Address:	885 SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 92069
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301088
Global Id:	T0607301088
Latitude:	33.1356058
Longitude:	-117.1846078
Status:	Completed - Case Closed
Status Date:	05/10/1994
Case Worker:	Not reported

FIRST NATIONAL BANK (Continued) **S104753084**

RB Case Number: 9UT2319
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H32266-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607301088
Action Type: Other
Date: 10/15/1992
Action: Leak Reported

Global Id: T0607301088
Action Type: Other
Date: 10/15/1992
Action: Leak Began

Global Id: T0607301088
Action Type: ENFORCEMENT
Date: 12/08/1992
Action: Notice of Responsibility

Global Id: T0607301088
Action Type: Other
Date: 10/20/1992
Action: Leak Stopped

Global Id: T0607301088
Action Type: Other
Date: 10/15/1992
Action: Leak Discovery

LUST:
Global Id: T0607301088
Status: Open - Case Begin Date
Status Date: 10/15/1992

Global Id: T0607301088
Status: Completed - Case Closed
Status Date: 05/10/1994

HIST CORTESE:
edr_fname: FIRST NATIONAL BANK
edr_fadd1: 885 SAN MARCOS
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT2319

N75 **FIRST NATIONAL BANK** **LUST** **S100736122**
East **885 SAN MARCOS BLVD** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **Cortese**
0.264 mi. **CERS**
1392 ft. **Site 4 of 5 in cluster N**

Relative:
Higher

Actual:
540 ft.

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT2319
Local Case:	H32266-001
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency:	San Diego
How Found:	Tank Closure
How Stopped:	Close Tank
Source:	Tank
Cause:	Corrosion
Lead Agency:	Local Agency
Case Type:	Soil only
Date Found:	10/20/1992
Date Stopped:	10/20/1992
Confirm Date:	10/20/1992
Submit Workplan:	Not reported
Prelim Assess:	10/15/1992
Desc Pollution:	Not reported
Remed Plan:	/ /
Remed Action:	Not reported
Began Monitor:	Not reported
Release Date:	10/20/1992
Enforce Date:	Not reported
Closed Date:	5/10/94
Enforce Type:	Not reported
Pilot Program:	LOP
Basin Number:	904.52
GW Depth:	10’
Beneficial Use:	Municipal groundwater use
NPDES Number:	Not reported
Priority:	Low priority. Priority ranking can change over time.
File Dispn:	File discarded, case closed
Interim Remedial Actions:	Yes
Cleanup and Abatement order Number:	Not reported
Waste Discharge Requirement Number:	Not reported

SAN DIEGO CO. SAM:

Name:	FIRST NATIONAL BANK/N COUNTY
Address:	885 SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 92069
Case Number:	H32266-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - Federal Fund**
Facility Type:	Soils Only
Facility Status:	Closed Case
Date:	5/10/1994
Date Began:	10/15/1992

FIRST NATIONAL BANK (Continued) **S100736122**

CORTESE:

Name:	FIRST NATIONAL BANK/N COUNTY
Address:	885 SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607301088
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:	FIRST NATIONAL BANK/N COUNTY
Address:	885 SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	217015
CERS ID:	T0607301088
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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O76 **ROLLINS LEASING CORP #107-B** **SAN DIEGO CO. SAM** **U003941379**
WNW **1355 LINDA VISTA DR** **Cortese** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.264 mi.
1396 ft. **Site 1 of 4 in cluster O**

Relative:
Higher

Actual:
534 ft.

SAN DIEGO CO. SAM:

Name:	ROLLINS LEASING CORP #107-B
Address:	1355 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693804
Case Number:	H04990-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**Non Billable**
Facility Type:	Failed Integrity Test
Facility Status:	Closed Case
Date:	1/8/1988
Date Began:	11/19/1986

Name:	ROLLINS LEASING CORP #107-B
Address:	1355 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693804
Case Number:	H04990-002
Agency:	DEH Site Assessment & Mitigation

ROLLINS LEASING CORP #107-B (Continued) **U003941379**

Funding:	**LOP - Federal Fund**
Facility Type:	Soils Only
Facility Status:	Closed Case
Date:	1/18/1996
Date Began:	1/20/1995

CORTESE:

Name:	ROLLINS LEASING CORP #107-B
Address:	1355 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693804
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607301752
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

O77 **MONIER CO** **LUST** **1000249360**
WNW **1355 LINDA VISTA DR** **CPS-SLIC** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **SWEEPS UST**
0.264 mi. **HIST UST**
1396 ft. **Site 2 of 4 in cluster O** **HAZNET**
SAN DIEGO CO LOP
Relative: Higher **CERS**
HWTS
Actual: 534 ft.

LUST:

Name:	ROLLINS LEASING CORP #107-B
Address:	1355 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693804
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301752
Global Id:	T0607301752
Latitude:	33.1373022
Longitude:	-117.1952559
Status:	Completed - Case Closed
Status Date:	01/18/1996
Case Worker:	Not reported
RB Case Number:	9UT2985
Local Agency:	Not reported
File Location:	Local Agency

MONIER CO (Continued) **1000249360**

Local Case Number: H04990-002
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0607301752
Action Type: Other
Date: 01/20/1995
Action: Leak Reported

Global Id: T0607301752
Action Type: Other
Date: 01/20/1995
Action: Leak Began

Global Id: T0607301752
Action Type: ENFORCEMENT
Date: 02/13/1995
Action: Notice of Responsibility

Global Id: T0607301752
Action Type: Other
Date: 01/20/1995
Action: Leak Stopped

Global Id: T0607301752
Action Type: ENFORCEMENT
Date: 01/17/1996
Action: Closure/No Further Action Letter

Global Id: T0607301752
Action Type: Other
Date: 01/20/1995
Action: Leak Discovery

LUST:
Global Id: T0607301752
Status: Open - Case Begin Date
Status Date: 01/20/1995

Global Id: T0607301752
Status: Completed - Case Closed
Status Date: 01/18/1996

CPS-SLIC:
Name: ROLLINS LEASING CORP #107-B
Address: 1355 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693804
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 01/08/1988
Global Id: T0608178248
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H04990-001
Latitude: 33.136967

MONIER CO (Continued) **1000249360**

Longitude:	-117.196589
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency
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:

SWEEPS UST:

Name:	MONIER CO
Address:	1355 LINDA VISTA DR
City:	SAN MARCOS
Status:	Active
Comp Number:	4990
Number:	9
Board Of Equalization:	44-022152
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004990-000001
Tank Status:	A
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	2

Name:	MONIER CO
Address:	1355 LINDA VISTA DR
City:	SAN MARCOS
Status:	Active
Comp Number:	4990
Number:	9
Board Of Equalization:	44-022152
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004990-000002
Tank Status:	A
Capacity:	5000
Active Date:	Not reported
Tank Use:	OIL
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	MONIER COMPANY
Address:	1355 LINDA VISTA DR

MONIER CO (Continued) **1000249360**

City,State,Zip: SAN MARCOS, CA 92069
File Number: 0002F05E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F05E.pdf
Region: STATE
Facility ID: 00000059165
Facility Type: Other
Other Type: MANUFACTURER
Contact Name: DARRELL DAVIS
Telephone: 6197443713
Owner Name: MONIER HOLDINGS
Owner Address: 1855 W. KAETLLA AVE.
Owner City,St,Zip: ORANGE, CA 92667
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1978
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: 1978
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16"
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

HAZNET:
Name: PENSKE TRUCK LEASING CO LP
Address: 1355 LINDA VISTA DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 196037635
Contact: CHRISTOPHER HAWK
Telephone: 6107756123
Mailing Name: Not reported
Mailing Address: ROUTE 10 GREEN HILLS

Year: 2019
Gepaid: CAL000219311
TSD EPA ID: CAD980675276
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: 0.65750

Year: 2019
Gepaid: CAL000219311
TSD EPA ID: CAD044429835
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

MONIER CO (Continued) **1000249360**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.22500
Year:	2019
Gepaid:	CAL000219311
TSD EPA ID:	CAD044429835
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:	0.25000
Year:	2019
Gepaid:	CAL000219311
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:	1.55000
Year:	2019
Gepaid:	CAL000219311
TSD EPA ID:	CAD044429835
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:	0.05000
Year:	2019
Gepaid:	CAL000219311
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:	0.75000
Year:	2019
Gepaid:	CAL000219311
TSD EPA ID:	CAD044429835
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00050
Year:	2018
Gepaid:	CAL000219311
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:	0.33750
Year:	2018
Gepaid:	CAL000219311
TSD EPA ID:	CAD980675276
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)

MONIER CO (Continued) **1000249360**

Tons: 0.27500

Year: 2018
Gepaid: CAL000219311
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: 0.43000

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

SAN DIEGO CO LOP:
Name: ROLLINS LEASING CORP #107-B
Address: 1355 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Record ID: DEH1995-LSAM-H04990-002
Record Status: Completed
Opened Date: 01/20/1995
Parcel Number: 219-223-09-00
Case Type: LOP - Local Oversight Program
Historical Name: MONIER COMPANY
SWRCB Global ID: T0607301752
Funding: F - LOP Federal Fund
Lead Agency: DEH/SAM
Lead Agency Date: 01/31/1995
Census Tract: 200.29
Community: San Marcos
Jurisdiction: SAN MARCOS
Watershed Basin Number: 904.52
Water Purveyor: VALLECITOS WATER DISTRICT
Fire Agency: SAN MARCOS FIRE PROT DIST
Latitude: 33.1369654
Longitude: -117.1965895
X MapCoord: 6271903.105
Y MapCoord: 1994777.950

Name: ROLLINS LEASING CORP #107-B
Address: 1355 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Record ID: DEH1986-LSAM-H04990-001
Record Status: Completed
Opened Date: 11/19/1986
Parcel Number: 219-223-09-00
Case Type: FIT - Failed Integrity Test
Historical Name: MONIER CO
SWRCB Global ID: T0608178248
Funding: N - Non-Billable
Lead Agency: DEH/SAM
Lead Agency Date: 11/19/1986
Census Tract: 200.29
Community: San Marcos
Jurisdiction: SAN MARCOS
Watershed Basin Number: 904.52
Water Purveyor: VALLECITOS WATER DISTRICT

MONIER CO (Continued) **1000249360**

Fire Agency: SAN MARCOS FIRE PROT DIST
Latitude: 33.1369654
Longitude: -117.1965895
X MapCoord: 6271903.105
Y MapCoord: 1994777.950

CERS:
Name: ROLLINS LEASING CORP #107-B
Address: 1355 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693804
Site ID: 192747
CERS ID: T0607301752
CERS Description: Leaking Underground Storage Tank Cleanup Site

Name: ROLLINS LEASING CORP #107-B
Address: 1355 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693804
Site ID: 192747
CERS ID: T0608178248
CERS Description: Cleanup Program Site

HWTS:
Name: PENSKE TRUCK LEASING CO LP
Address: 1355 LINDA VISTA DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000219311
Inactive Date: Not reported
Create Date: 05/09/2001
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: RT 10 GREEN HILLS PO BOX 7635
Mailing Address 2: Not reported
Mailing City,State,Zip: READING, PA 196037635
Owner Name: PENSKE TRUCK LEASING CO., LP
Owner Address: ROUTE 10 GREEN HILLS
Owner Address 2: Not reported
Owner City,State,Zip: READING, PA 94541
Contact Name: RITA J TRUPP
Contact Address: RT 10 GREEN HILLS
Contact Address 2: Not reported
City,State,Zip: READING, PA 19603
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 33.137582
Longitude: -117.195749

NAICS:
EPA ID: CAL000219311
Create Date: 2010-11-22 13:00:50.000
NAICS Code: 53212
NAICS Description: Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing
Issued EPA ID Date: 2001-05-09 00:00:00
Inactive Date: Not reported
Facility Name: PENSKE TRUCK LEASING CO LP

MONIER CO (Continued) **1000249360**

Facility Address:	1355 LINDA VISTA DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920783804
EPA ID:	CAL000219311
Create Date:	2020-02-14 11:43:50.810
NAICS Code:	532120
NAICS Description:	Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing
Issued EPA ID Date:	2001-05-09 00:00:00
Inactive Date:	Not reported
Facility Name:	PENSKE TRUCK LEASING CO LP
Facility Address:	1355 LINDA VISTA DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920783804

M78 **ASTLEFORD CONSTRUCTION INC** **RCRA-SQG** **1000348223**
NE **1010 LINDA VISTA DR** **LUST** **CAD982009011**
1/4-1/2 **SAN MARCOS, CA 92078** **AST**
0.271 mi. **San Diego Co. HMMD**
1431 ft. **Site 11 of 11 in cluster M** **SWEEPS UST**
HIST UST
Relative: Higher **FINDS**
ECHO
Actual: 541 ft. **Cortese**
HAZNET
NPDES
SAN DIEGO CO LOP
CERS
HWTS

RCRA-SQG:

Date Form Received by Agency:	19960827
Handler Name:	ASTLEFORD CONSTRUCTION INC
Handler Address:	1010 LINDA VISTA DR
Handler City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAD982009011
Contact Name:	DAN HOLBROOK
Contact Address:	1010 LINDA VISTA DR
Contact City,State,Zip:	SAN MARCOS, CA 92069
Contact Telephone:	619-744-0630
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

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

State District Owner:	CA
State District:	4
Mailing Address:	1010 LINDA VISTA DR
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	ASTLEFORD CONSTRUCTION INC
Owner Type:	Private
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
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:	20020627
Recognized Trader-Importer:	No

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

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:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ASTLEFORD CONSTRUCTION INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1010 LINDA VISTA DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	619-744-0630
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:	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:	19960827
Handler Name:	ASTLEFORD CONSTRUCTION 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:	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

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

LUST:

Name:	GRAND CHANNEL BRIDGE PROJECT - CITY OF SAN MARCOS
Address:	1010 LINDA VISTA DRIVE
City,State,Zip:	SAN MARCOS, CA 92069
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000006374
Global Id:	T10000006374
Latitude:	33.1395750978303
Longitude:	-117.186718626984
Status:	Completed - Case Closed
Status Date:	05/09/2017
Case Worker:	EM
RB Case Number:	Not reported
Local Agency:	SAN DIEGO COUNTY LOP
File Location:	Local Agency
Local Case Number:	DEH2014-LSAM-000278
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	This site is currently vacant land to be graded and developed by the city into a single span bridge on the northern portion of the site. This release was opened in 2014 due to elevated soil and groundwater samples with gasoline and diesel. Three phases of investigation were completed between October 2009 and April 2014. The elevated hydrocarbons in soil and groundwater were located in the area where five underground storage tanks and dispenser islands were removed in 1991. Five monitoring wells (MWs) were installed in October 2015. Three quarterly sampling events did not reveal any detectable levels of contaminants in groundwater. Figure 3 of the Second and Third Quarter Groundwater Monitoring Report shows the location of the five wells and groundwater flow direction. Figure 4 of that report shows historical concentrations of the MWs. It should be noted that the groundwater concentrations from B1-GW, B2-GW, B3-GW, B4-GW, B7-GW & B9-GW on Figure 4 are from soil boring grab groundwater samples taken in 2009 and are not considered to be representative groundwater concentrations at the site. The Second and Third Quarter 2016 Groundwater Monitoring Report dated November 11, 2016 included the evaluation and request for closure using the Low Threat Closure Policy (LTCP) closure because: Groundwater has not been impacted (soils-only case) based on the data from the five monitoring wells indicating Non Detect (ND) in all sampling events. There are no health risks to current structures since the site is a vacant lot. Soil impacts are limited to diesel. The consultant states that approximately 130 cubic yards of soil remains on site with over 100 mg/kg TPH. This soil is located in northern portion of the site in the area of the four former 12,000 gallon diesel tanks from 2' -7' bgs per Figures 4 & 5 of the 2016 Site Assessment Report. DEH concurs with the consultants conclusions and approves case closure by low risk criteria. Permit #DEH2017-LMWP-002801 was issued by DEH for destruction of the 5 wells associated with the site.

LUST:

Global Id:	T10000006374
Contact Type:	Local Agency Caseworker
Contact Name:	EWAN MOFFAT
Organization Name:	SAN DIEGO COUNTY LOP
Address:	P.O. Box 129261

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

City: San Diego
Email: ewan.moffat@sdcounty.ca.gov
Phone Number: Not reported

LUST:
Global Id: T10000006374
Action Type: Other
Date: 04/16/1991
Action: Leak Began

Global Id: T10000006374
Action Type: ENFORCEMENT
Date: 05/09/2017
Action: Closure/No Further Action Letter

Global Id: T10000006374
Action Type: RESPONSE
Date: 04/07/2015
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T10000006374
Action Type: RESPONSE
Date: 02/29/2016
Action: Site Assessment Report - Regulator Responded

Global Id: T10000006374
Action Type: RESPONSE
Date: 11/11/2016
Action: Monitoring Report - Semi-Annually

Global Id: T10000006374
Action Type: Other
Date: 04/30/2014
Action: Leak Discovery

Global Id: T10000006374
Action Type: ENFORCEMENT
Date: 02/19/2015
Action: Technical Correspondence / Assistance / Other

Global Id: T10000006374
Action Type: ENFORCEMENT
Date: 12/17/2014
Action: Notice of Responsibility

Global Id: T10000006374
Action Type: Other
Date: 11/05/2014
Action: Leak Reported

LUST:
Global Id: T10000006374
Status: Open - Case Begin Date
Status Date: 04/16/1991

Global Id: T10000006374

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Status: Open - Site Assessment
Status Date: 12/12/2014

Global Id: T10000006374
Status: Completed - Case Closed
Status Date: 05/09/2017

AST:
Name: ASTLEFORD CONSTRUCTION INC
Address: 1010 LINDA VISTA DR
City/Zip: SAN MARCOS,
Certified Unified Program Agencies: San Diego
Owner: ASTLEFORD CONSTRUCTION INC
Total Gallons: 2400
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

HMMD SAN DIEGO:
Name: KIRCHNAVY CONSTRUCTION
Address: 1010 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 106400
Business Type: 6HK70
EPA Id Number: Not reported
APN: 219-152-08-00
Last HMMD Inspection: 08/05/1991
Facility Telephone: 619-744-0216
Permit Status: INAC
Permit Expiration: 08/05/1991
Date Last Updated: 11/02/2012
Facility Owner: WM KIRCHNAVY
Facility Mailing Address: 1010 LINDA VISTA DR
Facility Mailing City: SAN MARCOS

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Facility Mailing State:	CA
Facility Mailing Zip:	92069-2614
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	ASTLEFORD CONSTRUCTION INC
Address:	1010 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	103728
Business Type:	6HK70
EPA Id Number:	CAD982009011
APN:	219-152-08-00
Last HMMD Inspection:	05/31/2007
Facility Telephone:	760-744-0630
Permit Status:	INAC
Permit Expiration:	04/30/2009
Date Last Updated:	11/02/2012
Facility Owner:	ASTLEFORD CONSTRUCTION INC
Facility Mailing Address:	1010 LINDA VISTA DR
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	TEMPLETON GRADING & EXCAVATING
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 103728 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	103728
Tank Type:	SINGLE WALL
Additional Id:	1
Capacity Gallons:	12000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	REMOVED
Remove Close Date:	1991-04-16 00:00:00
Year Installed:	1982-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	07
UST Monitor Method:	SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name:	UNDERGROUND TANK 103728 T002
Last Update:	2012-11-02 14:17:38
Permit Number:	103728
Tank Type:	SINGLE WALL
Additional Id:	2

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Capacity Gallons:	12000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	REMOVED
Remove Close Date:	1991-04-16 00:00:00
Year Installed:	1982-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	07
UST Monitor Method:	SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY
UST Name:	UNDERGROUND TANK 103728 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	103728
Tank Type:	SINGLE WALL
Additional Id:	3
Capacity Gallons:	12000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	REMOVED
Remove Close Date:	1991-04-16 00:00:00
Year Installed:	1982-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	07
UST Monitor Method:	SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY
UST Name:	UNDERGROUND TANK 103728 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	103728
Tank Type:	SINGLE WALL
Additional Id:	4
Capacity Gallons:	12000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	REMOVED
Remove Close Date:	1991-04-16 00:00:00
Year Installed:	1982-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	07
UST Monitor Method:	SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY
UST Name:	UNDERGROUND TANK 103728 T005
Last Update:	2012-11-02 14:17:38
Permit Number:	103728
Tank Type:	SINGLE WALL
Additional Id:	5
Capacity Gallons:	550
UST Contents:	Not reported
Other Content Info:	WASTE OIL
Reg Status:	REMOVED
Remove Close Date:	1991-04-16 00:00:00
Year Installed:	Not reported

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

Name: TNT BLANCHARD
Address: 1010 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 211950
Business Type: 6HK70
EPA Id Number: CAL000221946
APN: 219-152-08-00
Last HMMD Inspection: 03/26/2010
Facility Telephone: 760-736-4054
Permit Status: SUSP
Permit Expiration: 07/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BARRY BLANCHARD
Facility Mailing Address: 529 W 04TH AV #B
Facility Mailing City: Escondido
Facility Mailing State: CA
Facility Mailing Zip: 92025
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211950
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (2 X 1000 G + 2 X 450 G)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OIL
Other Information: (900 + 600 G TANKS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: ANTIFREEZE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL (2 TANKS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: WASTE BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	USED OIL FILTERS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	211950
Update Date:	11/02/2012
Inspection Date:	03/26/2010
Violation Code:	6HV0131
Violation:	UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation:	A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity:	SUSP

Permit Number:	211950
Update Date:	11/02/2012
Inspection Date:	03/26/2010
Violation Code:	6HV1001
Violation:	NO UPF PERMIT FOR HAZMATS
Violation Citation:	A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity:	SUSP

Permit Number:	211950
Update Date:	11/02/2012
Inspection Date:	03/26/2010
Violation Code:	6HV1002
Violation:	HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation:	Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity:	SUSP

Name:	TNT BLANCHARD
Address:	1010 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	211950
Business Type:	6HK70
EPA Id Number:	CAL000221946
APN:	219-152-08-00
Last HMMD Inspection:	03/26/2010
Facility Telephone:	760-736-4054
Permit Status:	SUSP
Permit Expiration:	07/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	BARRY BLANCHARD
Facility Mailing Address:	529 W 04TH AV #B
Facility Mailing City:	Escondido
Facility Mailing State:	CA
Facility Mailing Zip:	92025
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211950
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (2 X 1000 G + 2 X 450 G)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OIL
Other Information: (900 + 600 G TANKS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: ANTIFREEZE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL (2 TANKS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: WASTE BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: SUSP

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Permit Number:	211950
Update Date:	11/02/2012
Inspection Date:	03/26/2010
Violation Code:	6HV1002
Violation:	HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation:	Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity:	SUSP

Name:	TNT BLANCHARD
Address:	1010 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	211950
Business Type:	6HK70
EPA Id Number:	CAL000221946
APN:	219-152-08-00
Last HMMD Inspection:	03/26/2010
Facility Telephone:	760-736-4054
Permit Status:	SUSP
Permit Expiration:	07/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	BARRY BLANCHARD
Facility Mailing Address:	529 W 04TH AV #B
Facility Mailing City:	Escondido
Facility Mailing State:	CA
Facility Mailing Zip:	92025
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	211950
Update Date:	11/02/2012
Case Number:	74-86-2
Name:	ACETYLENE COMPRESSED GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	211950
Update Date:	11/02/2012
Case Number:	68334-30-5
Name:	DIESEL FUEL
Other Information:	(2 X 1000 G + 2 X 450 G)
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported

Permit Number:	211950
Update Date:	11/02/2012
Case Number:	107-21-1
Name:	ETHYLENE GLYCOL

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OIL
Other Information: (900 + 600 G TANKS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: ANTIFREEZE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL (2 TANKS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: WASTE BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: SUSP

Name: TNT BLANCHARD
Address: 1010 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 211950
Business Type: 6HK70
EPA Id Number: CAL000221946
APN: 219-152-08-00
Last HMMD Inspection: 03/26/2010
Facility Telephone: 760-736-4054
Permit Status: SUSP
Permit Expiration: 07/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BARRY BLANCHARD
Facility Mailing Address: 529 W 04TH AV #B
Facility Mailing City: Escondido
Facility Mailing State: CA
Facility Mailing Zip: 92025

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211950
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (2 X 1000 G + 2 X 450 G)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OIL
Other Information: (900 + 600 G TANKS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Other Information: ANTIFREEZE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL (2 TANKS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: WASTE BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

materials. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: SUSP

Name: TNT BLANCHARD
Address: 1010 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 211950
Business Type: 6HK70
EPA Id Number: CAL000221946
APN: 219-152-08-00
Last HMMD Inspection: 03/26/2010
Facility Telephone: 760-736-4054
Permit Status: SUSP
Permit Expiration: 07/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BARRY BLANCHARD
Facility Mailing Address: 529 W 04TH AV #B
Facility Mailing City: Escondido
Facility Mailing State: CA
Facility Mailing Zip: 92025
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211950
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (2 X 1000 G + 2 X 450 G)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Update Date:	11/02/2012
Case Number:	107-21-1
Name:	ETHYLENE GLYCOL
Other Information:	ANTIFREEZE
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	211950
Update Date:	11/02/2012
Case Number:	8002-05-9
Name:	LUBRICATING OIL
Other Information:	(900 + 600 G TANKS)
Material Waste:	Material
Hazardous Categories 1:	CHRONIC
Hazardous Categories 2:	Not reported
Permit Number:	211950
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN COMPRESSED GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	211950
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information:	ANTIFREEZE WASTE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211950
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 213 HYDROCARBON SOLVENTS
Other Information:	PARTS CLEANER
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211950
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL (2 TANKS)
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211950
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Other Information: WASTE BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: SUSP

Name: TNT BLANCHARD
Address: 1010 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 211950
Business Type: 6HK70
EPA Id Number: CAL000221946
APN: 219-152-08-00
Last HMMD Inspection: 03/26/2010
Facility Telephone: 760-736-4054
Permit Status: SUSP
Permit Expiration: 07/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BARRY BLANCHARD
Facility Mailing Address: 529 W 04TH AV #B

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Facility Mailing City: Escondido
Facility Mailing State: CA
Facility Mailing Zip: 92025
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211950
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (2 X 1000 G + 2 X 450 G)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OIL
Other Information: (900 + 600 G TANKS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: ANTIFREEZE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL (2 TANKS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: WASTE BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: SUSP

Name: TNT BLANCHARD
Address: 1010 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 211950
Business Type: 6HK70
EPA Id Number: CAL000221946
APN: 219-152-08-00
Last HMMD Inspection: 03/26/2010
Facility Telephone: 760-736-4054
Permit Status: SUSP
Permit Expiration: 07/31/2012
Date Last Updated: 11/02/2012
Facility Owner: BARRY BLANCHARD
Facility Mailing Address: 529 W 04TH AV #B
Facility Mailing City: Escondido
Facility Mailing State: CA
Facility Mailing Zip: 92025
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211950
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (2 X 1000 G + 2 X 450 G)
Material Waste: Material
Hazardous Categories 1: CHRONIC

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OIL
Other Information: (900 + 600 G TANKS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: ANTIFREEZE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL (2 TANKS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 444 USED BATTERIES
Other Information:	WASTE BATTERIES
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	211950
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 888 USED OIL FILTERS
Other Information:	USED OIL FILTERS
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	211950
Update Date:	11/02/2012
Inspection Date:	03/26/2010
Violation Code:	6HV0131
Violation:	UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation:	A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity:	SUSP
Permit Number:	211950
Update Date:	11/02/2012
Inspection Date:	03/26/2010
Violation Code:	6HV1001
Violation:	NO UPF PERMIT FOR HAZMATS
Violation Citation:	A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity:	SUSP
Permit Number:	211950
Update Date:	11/02/2012
Inspection Date:	03/26/2010
Violation Code:	6HV1002
Violation:	HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation:	Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity:	SUSP

Name:	TNT BLANCHARD
Address:	1010 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	211950
Business Type:	6HK70
EPA Id Number:	CAL000221946
APN:	219-152-08-00
Last HMMD Inspection:	03/26/2010
Facility Telephone:	760-736-4054
Permit Status:	SUSP
Permit Expiration:	07/31/2012

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Date Last Updated: 11/02/2012
Facility Owner: BARRY BLANCHARD
Facility Mailing Address: 529 W 04TH AV #B
Facility Mailing City: Escondido
Facility Mailing State: CA
Facility Mailing Zip: 92025
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 211950
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 68334-30-5
Name: DIESEL FUEL
Other Information: (2 X 1000 G + 2 X 450 G)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: LUBRICATING OIL
Other Information: (900 + 600 G TANKS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: ANTIFREEZE WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 213 HYDROCARBON SOLVENTS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL (2 TANKS)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 444 USED BATTERIES
Other Information: WASTE BATTERIES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 211950
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: SUSP

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1001
Violation: NO UPF PERMIT FOR HAZMATS
Violation Citation: A Unified Program Facility permit has not been obtained for hazardous materials. 68.905
Activity: SUSP

Permit Number: 211950
Update Date: 11/02/2012
Inspection Date: 03/26/2010
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: SUSP

SWEEPS UST:
Name: ASTLEFORD CONTRUCTION INC
Address: 1010 LINDA VISTA DR
City: SAN MARCOS
Status: Not reported
Comp Number: 3728
Number: Not reported
Board Of Equalization: 44-021943
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-003728-000001
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: 5

Name: ASTLEFORD CONTRUCTION INC
Address: 1010 LINDA VISTA DR
City: SAN MARCOS
Status: Not reported
Comp Number: 3728
Number: Not reported
Board Of Equalization: 44-021943
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-003728-000002
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Content: OTHER
Number Of Tanks: Not reported

Name: ASTLEFORD CONTRUCTION INC
Address: 1010 LINDA VISTA DR
City: SAN MARCOS
Status: Not reported
Comp Number: 3728
Number: Not reported
Board Of Equalization: 44-021943
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-003728-000003
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: ASTLEFORD CONTRUCTION INC
Address: 1010 LINDA VISTA DR
City: SAN MARCOS
Status: Not reported
Comp Number: 3728
Number: Not reported
Board Of Equalization: 44-021943
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-003728-000004
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: ASTLEFORD CONTRUCTION INC
Address: 1010 LINDA VISTA DR
City: SAN MARCOS
Status: Not reported
Comp Number: 3728
Number: Not reported
Board Of Equalization: 44-021943
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-003728-000005
Tank Status: Not reported
Capacity: 550

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Name: ASTLEFORD CONTRUCTION INC
Address: 1010 LINDA VISTA DR
City: SAN MARCOS
Status: Active
Comp Number: 3728
Number: 9
Board Of Equalization: 44-021943
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: TEMPLETON GRADING AND EXCAVATING
Address: 1010 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
File Number: 0002E3F6
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002E3F6.pdf
Region: STATE
Facility ID: 00000051756
Facility Type: Other
Other Type: GRADING & EXCAVATING
Contact Name: DAN HOLBROOK
Telephone: 6197440630
Owner Name: TEMPLETON GRADING & EXCAVATING
Owner Address: 1010 LINDA VISTA DR.
Owner City,St,Zip: SAN MARCOS, CA 92069
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

Tank Num: 002
Container Num: 2
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

Tank Num: 003
Container Num: 3
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

Tank Num: 003
Container Num: 3
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

Tank Num: 004
Container Num: 4
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

Tank Num: 004
Container Num: 4
Year Installed: 1982
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 3/16
Leak Detection: Pressure Test

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Click here for Geo Tracker PDF:

FINDS:
Registry ID: 110002775033

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:	1000348223
Registry ID:	110002775033
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002775033
Name:	ASTLEFORD CONSTRUCTION INC
Address:	1010 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078

CORTESE:

Name:	GRAND CHANNEL BRIDGE PROJECT - CITY OF SAN MARCOS
Address:	1010 LINDA VISTA DRIVE
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T10000006374
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

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

HAZNET:

Name:	ASTLEFORD CONSTRUCTION INC
Address:	1010 LINDA VISTA DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920690000
Contact:	DANNY HOLBROOK
Telephone:	7607440630
Mailing Name:	Not reported
Mailing Address:	1010 LINDA VISTA DR
Year:	2008
Gepaid:	CAD982009011
TSD EPA ID:	CAD097030993
CA Waste Code:	491 - Unspecified sludge waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.56375
Year:	1999
Gepaid:	CAD982009011
TSD EPA ID:	CAD099452708
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H01 - Transfer Station
Tons:	3.582
Year:	1991
Gepaid:	CAD982009011
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	5.421
Year:	1990
Gepaid:	CAD982009011
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	4.587
Year:	1989
Gepaid:	CAD982009011
TSD EPA ID:	CAD008352890
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.6
Year:	1989
Gepaid:	CAD982009011
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	4.17
Year:	1988
Gepaid:	CAD982009011
TSD EPA ID:	CAT080010101
CA Waste Code:	611 - Contaminated soil from site clean-up

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Disposal Method:	H01 - Transfer Station
Tons:	0.9
Year:	1988
Gepaid:	CAD982009011
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	5.004

Additional Info:

Year:	1999
Gen EPA ID:	CAD982009011
Shipment Date:	19990216
Creation Date:	4/20/1999 0:00:00
Receipt Date:	19990218
Manifest ID:	98664207
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	3.582
Waste Quantity:	859
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:	CAD982009011
Shipment Date:	20081125
Creation Date:	1/15/2009 18:30:08
Receipt Date:	20081205
Manifest ID:	005136280JJK
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 WATER TECHNOLOGIES CORP
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	491 - Unspecified sludge waste

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.56375
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

NPDES:

Name:	CARPENTRY PLUS
Address:	1010 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37IN600725
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:	Undetermined
Status Date:	02/28/2011
Operator Name:	Carpentry Plus
Operator Address:	1010 Linda Vista Dr
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

SAN DIEGO CO LOP:

Name:	GRAND CHANNEL BRIDGE PROJECT - CITY OF SAN MARCOS
Address:	1010 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078-2614
Record ID:	DEH2014-LSAM-000278
Record Status:	Completed
Opened Date:	12/12/2014
Parcel Number:	219-152-08-00
Case Type:	LOP - Local Oversight Program
Historical Name:	Grand Channel Bridge Project - City of San Marcos
SWRCB Global ID:	T10000006374
Funding:	S - LOP State Fund
Lead Agency:	DEH/SAM

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Lead Agency Date:	12/12/2014
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1396285
Longitude:	-117.1867833
X MapCoord:	6274907.093
Y MapCoord:	1995739.940

CERS:

Name:	GRAND CHANNEL BRIDGE PROJECT - CITY OF SAN MARCOS
Address:	1010 LINDA VISTA DRIVE
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	275331
CERS ID:	T10000006374
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	EWAN MOFFAT - SAN DIEGO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	P.O. Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	ASTLEFORD CONSTRUCTION INC
Address:	1010 LINDA VISTA DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAD982009011
Inactive Date:	06/30/2008
Create Date:	06/17/1988
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1010 LINDA VISTA DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MARCOS, CA 920690000
Owner Name:	ROBERT L ASTLEFORD PRESIDENT
Owner Address:	1010 LINDA VISTA DR
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MARCOS, CA 920692614
Contact Name:	DANNY HOLBROOK
Contact Address:	1010 LINDA VISTA DR
Contact Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920692614
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	FEDERAL
Latitude:	33.49435

ASTLEFORD CONSTRUCTION INC (Continued) **1000348223**

Longitude: -117.721265

NAICS:

EPA ID: CAD982009011
Create Date: 2002-03-14 16:36:26.000
NAICS Code: 23411
NAICS Description: Highway and Street Construction
Issued EPA ID Date: 1988-06-17 00:00:00
Inactive Date: 2008-06-30 00:00:00
Facility Name: ASTLEFORD CONSTRUCTION INC
Facility Address: 1010 LINDA VISTA DR
Facility Address 2: Not reported
Facility City: SAN MARCOS
Facility County: Not reported
Facility State: CA
Facility Zip: 920690000

N79 **CRIBBAGE LANE & SAN MARCOS BL.** **Notify 65** **S100178376**
East **N/A**
1/4-1/2 **SAN MARCOS, CA**
0.278 mi.
1468 ft. **Site 5 of 5 in cluster N**

Relative:
Higher

Actual:
541 ft.

NOTIFY 65:

Name: CRIBBAGE LANE & SAN MARCOS BL.
Address: Not reported
City,State,Zip: SAN MARCOS, CA
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

P80 **MORALLY WHOLESALE** **SAN DIEGO CO. SAM** **S101302227**
NE **975 LINDA VISTA DR** **LUST** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **San Diego Co. HMMD**
0.284 mi. **SWEEPS UST**
1500 ft. **Site 1 of 2 in cluster P** **Cortese**
HIST CORTESE

Relative:
Higher

SAN DIEGO CO LOP
CERS

Actual:
544 ft.

HWTS

SAN DIEGO CO. SAM:

Name: MORALLY WHOLESALE INC
Address: 975 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920692611
Case Number: H22855-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case

MORALLY WHOLESALE (Continued) **S101302227**

Date: 2/28/1997
Date Began: 6/5/1991

LUST:
Name: MORALLY WHOLESALE INC
Address: 975 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920692611
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300772
Global Id: T0607300772
Latitude: 33.138535
Longitude: -117.185567
Status: Completed - Case Closed
Status Date: 02/28/1997
Case Worker: Not reported
RB Case Number: 9UT1999
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H22855-001
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607300772
Action Type: ENFORCEMENT
Date: 06/21/1991
Action: Notice of Responsibility

Global Id: T0607300772
Action Type: Other
Date: 06/05/1991
Action: Leak Reported

Global Id: T0607300772
Action Type: Other
Date: 06/05/1991
Action: Leak Began

Global Id: T0607300772
Action Type: Other
Date: 06/05/1991
Action: Leak Stopped

Global Id: T0607300772
Action Type: ENFORCEMENT
Date: 02/28/1997
Action: Closure/No Further Action Letter

Global Id: T0607300772
Action Type: ENFORCEMENT
Date: 02/14/1997
Action: Closure/No Further Action Letter - #H22855-001

Global Id: T0607300772
Action Type: Other

MORALLY WHOLESALE (Continued) **S101302227**

Date: 06/05/1991
Action: Leak Discovery

LUST:
Global Id: T0607300772
Status: Open - Case Begin Date
Status Date: 06/05/1991

Global Id: T0607300772
Status: Completed - Case Closed
Status Date: 02/28/1997

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT1999
Local Case: H22855-001
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Local Agency: San Diego
How Found: Other Means
How Stopped: Other Means
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 06/05/1991
Date Stopped: 06/05/1991
Confirm Date: 06/05/1991
Submit Workplan: 6/21/91
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: 1/18/94
Release Date: 06/05/1991
Enforce Date: Not reported
Closed Date: 2/28/97
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.52
GW Depth: 6’
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 3A
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HMMD SAN DIEGO:
Name: FOUR SEASONS TREECARE, INC
Address: 975 LINDA VISTA DR

MORALLY WHOLESALE (Continued) **S101302227**

City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	216987
Business Type:	6HK18
EPA Id Number:	CAL000377821
APN:	219-331-10-00
Last HMMD Inspection:	08/29/2012
Facility Telephone:	760-822-6492
Permit Status:	OPEN
Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	FOUR SEASONS TREECARE, INC
Facility Mailing Address:	770 SYCAMORE AVE #122 & 192
Facility Mailing City:	VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	92083
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	216987
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	216987
Update Date:	11/02/2012
Inspection Date:	08/29/2012
Violation Code:	6HV0131
Violation:	UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation:	A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity:	ACTIVE
Permit Number:	216987
Update Date:	11/02/2012
Inspection Date:	08/29/2012
Violation Code:	6HV0132
Violation:	EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation:	Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)
Activity:	ACTIVE
Permit Number:	216987
Update Date:	11/02/2012
Inspection Date:	08/29/2012
Violation Code:	6HV0408
Violation:	FAILED TO POST ER PLAN BY PHONE

MORALLY WHOLESALE (Continued) **S101302227**

Violation Citation:	Small quantity generator of hazardous waste failed to post emergency response plan by phone. CFR 262.34(d)(5)(ii)
Activity:	ACTIVE

Name:	FOUR SEASONS TREECARE, INC
Address:	975 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	216987
Business Type:	6HK18
EPA Id Number:	CAL000377821
APN:	219-331-10-00
Last HMMD Inspection:	08/29/2012
Facility Telephone:	760-822-6492
Permit Status:	OPEN
Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	FOUR SEASONS TREECARE, INC
Facility Mailing Address:	770 SYCAMORE AVE #122 & 192
Facility Mailing City:	VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	92083
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	216987
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Violations Active Permits:

Permit Number:	216987
Update Date:	11/02/2012
Inspection Date:	08/29/2012
Violation Code:	6HV0131
Violation:	UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation:	A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity:	ACTIVE

Permit Number:	216987
Update Date:	11/02/2012
Inspection Date:	08/29/2012
Violation Code:	6HV0132
Violation:	EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation:	Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)

MORALLY WHOLESALE (Continued) **S101302227**

Activity: ACTIVE

Permit Number: 216987
Update Date: 11/02/2012
Inspection Date: 08/29/2012
Violation Code: 6HV0408
Violation: FAILED TO POST ER PLAN BY PHONE
Violation Citation: Small quantity generator of hazardous waste failed to post emergency response plan by phone. CFR 262.34(d)(5)(ii)
Activity: ACTIVE

Name: MOUNTAIN MOVERS ENGINEERING CONTRACTORS
Address: 975 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 211652
Business Type: 6HK70
EPA Id Number: Not reported
APN: 219-331-10-00
Last HMMD Inspection: 02/23/2010
Facility Telephone: 760-510-9019
Permit Status: INAC
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: MOUNTAIN MOVERS ENGINEERING CONTRACTORS
Facility Mailing Address: P.O BOX 962
Facility Mailing City: San Marcos
Facility Mailing State: CA
Facility Mailing Zip: 92079
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 211652
Update Date: 11/02/2012
Inspection Date: 02/23/2010
Violation Code: 6HV1002
Violation: HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation: Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity: Inactive Permit

Name: MOUNTAIN MOVERS ENGINEERING CONTRACTORS
Address: 975 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 211652
Business Type: 6HK70
EPA Id Number: Not reported
APN: 219-331-10-00
Last HMMD Inspection: 02/23/2010
Facility Telephone: 760-510-9019
Permit Status: INAC

MORALLY WHOLESALE (Continued) **S101302227**

Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	MOUNTAIN MOVERS ENGINEERING CONTRACTORS
Facility Mailing Address:	P.O BOX 962
Facility Mailing City:	San Marcos
Facility Mailing State:	CA
Facility Mailing Zip:	92079
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Violations Inactive Permits:

Permit Number:	211652
Update Date:	11/02/2012
Inspection Date:	02/23/2010
Violation Code:	6HV1002
Violation:	HMBP NOT ESTABISHED/IMPLEMENTED.
Violation Citation:	Hazardous materials handler has not established/implemented a business plan. HSC 25503.5(a)
Activity:	Inactive Permit

Name:	FOUR SEASONS TREECARE, INC
Address:	975 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	216987
Business Type:	6HK18
EPA Id Number:	CAL000377821
APN:	219-331-10-00
Last HMMD Inspection:	08/29/2012
Facility Telephone:	760-822-6492
Permit Status:	OPEN
Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	FOUR SEASONS TREECARE, INC
Facility Mailing Address:	770 SYCAMORE AVE #122 & 192
Facility Mailing City:	VISTA
Facility Mailing State:	CA
Facility Mailing Zip:	92083
UST Owner:	Not reported
Handle Regulated Hazmat:	N
Own Or Operate UST:	Not reported
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	216987
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste

MORALLY WHOLESALE (Continued) **S101302227**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 216987
Update Date: 11/02/2012
Inspection Date: 08/29/2012
Violation Code: 6HV0131
Violation: UPF Permit NOT OBTAINED for HAZWASTE
Violation Citation: A Unified Program Facility permit has not been obtained for the generation of hazardous waste. 68.905
Activity: ACTIVE

Permit Number: 216987
Update Date: 11/02/2012
Inspection Date: 08/29/2012
Violation Code: 6HV0132
Violation: EPA ID NUMBER NOT OBTAINED/MAINTAINED
Violation Citation: Generator of hazardous waste has not obtained/maintained an EPA identification number. CCR 66262.12(a)
Activity: ACTIVE

Permit Number: 216987
Update Date: 11/02/2012
Inspection Date: 08/29/2012
Violation Code: 6HV0408
Violation: FAILED TO POST ER PLAN BY PHONE
Violation Citation: Small quantity generator of hazardous waste failed to post emergency response plan by phone. CFR 262.34(d)(5)(ii)
Activity: ACTIVE

Name: MORALLY WHOLESALE INC
Address: 975 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 122855
Business Type: Not reported
EPA Id Number: Not reported
APN: 219-330-40-00
Last HMMD Inspection: Not reported
Facility Telephone: 619-744-0022
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: JOHN MORALLY
Facility Mailing Address: 975 LINDA VISTA DR
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92069-2611
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

MORALLY WHOLESALE (Continued) **S101302227**

UST:

UST Name:	UNDERGROUND TANK 122855 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	122855
Tank Type:	UNKNOWN
Additional Id:	AT2298
Capacity Gallons:	500
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1991-05-06 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name:	UNDERGROUND TANK 122855 T002
Last Update:	2012-11-02 14:17:38
Permit Number:	122855
Tank Type:	UNKNOWN
Additional Id:	AT2298
Capacity Gallons:	500
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	REMOVED
Remove Close Date:	1991-05-06 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

SWEEPS UST:

Name:	MORALLY WHOLESALE INC
Address:	975 LINDA VISTA DR
City:	SAN MARCOS
Status:	Not reported
Comp Number:	22855
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-022855-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	2

MORALLY WHOLESALE (Continued) **S101302227**

Name: MORALLY WHOLESALE INC
Address: 975 LINDA VISTA DR
City: SAN MARCOS
Status: Not reported
Comp Number: 22855
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-022855-000002
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: OTHER
Number Of Tanks: Not reported

Name: MORALLY WHOLESALE INC
Address: 975 LINDA VISTA DR
City: SAN MARCOS
Status: Active
Comp Number: 22855
Number: 9
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

CORTESE:
Name: MORALLY WHOLESALE INC
Address: 975 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920692611
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607300772
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

MORALLY WHOLESALE (Continued) **S101302227**

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:	MORALLY WHOLESALE
edr_fadd1:	975 LINDA VISTA
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT1999

SAN DIEGO CO LOP:

Name:	MORALLY WHOLESALE INC
Address:	975 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1991-LSAM-H22855-001
Record Status:	Completed
Opened Date:	06/05/1991
Parcel Number:	219-331-10-00
Case Type:	LOP - Local Oversight Program
Historical Name:	FORMER MORALLY WHOLESALE INC.
SWRCB Global ID:	T0607300772
Funding:	F - LOP Federal Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	06/05/1991
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1385348
Longitude:	-117.1855665
X MapCoord:	6275280.894
Y MapCoord:	1995315.345

CERS:

Name:	MORALLY WHOLESALE INC
Address:	975 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920692611
Site ID:	250978
CERS ID:	T0607300772
CERS Description:	Leaking Underground Storage Tank Cleanup Site

HWTS:

Name:	MOUNTAIN MOVERS ENGINEERING CONTRACTORS
Address:	975 LINDA VISTA DR
Address 2:	Not reported

MORALLY WHOLESALE (Continued) **S101302227**

City,State,Zip:	SAN MARCOS, CA 92078
EPA ID:	CAL000350689
Inactive Date:	06/30/2011
Create Date:	03/10/2010
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 962
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MARCOS, CA 920790962
Owner Name:	DEAN SMITH
Owner Address:	PO BOX 962
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MARCOS, CA 920790962
Contact Name:	DEAN SMITH
Contact Address:	975 LINDA VISTA DR
Contact Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920782611
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.13853
Longitude:	-117.18557

NAICS:

EPA ID:	CAL000350689
Create Date:	2010-03-10 09:07:50.627
NAICS Code:	23499
NAICS Description:	All Other Heavy Construction
Issued EPA ID Date:	2010-03-10 09:07:50.61000
Inactive Date:	2011-06-30 00:00:00
Facility Name:	MOUNTAIN MOVERS ENGINEERING CONTRACTORS
Facility Address:	975 LINDA VISTA DR
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920782611

O81 **MONIER COMPANY** **LUST** **S102433932**
WNW **1385 LINDA VISTA** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.288 mi.
1522 ft. **Site 3 of 4 in cluster O**

Relative:
Higher

Actual:
537 ft.

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT2985
Local Case:	H04990-002
Substance:	Diesel
Qty Leaked:	0
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency:	San Diego
How Found:	Tank Closure
How Stopped:	Close Tank
Source:	Unknown

MONIER COMPANY (Continued) **S102433932**

Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 01/20/1995
Date Stopped: 01/20/1995
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 02/13/1995
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 01/31/1995
Enforce Date: Not reported
Closed Date: 1/18/96
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.52
GW Depth: 12'
Beneficial Use: MUNBU
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HIST CORTESE:
edr_fname: MONIER COMPANY
edr_fadd1: 1385 LINDA VISTA
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT2985

Q82 **SIX TO SIX EQUIPMENT RENTALS** **LUST** **S100725940**
North **175 VIA VERA CRUZ S** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.291 mi.
1536 ft. **Site 1 of 5 in cluster Q**

Relative:
Higher

Actual:
540 ft.

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT2954
Local Case: H02554-002
Substance: Gasoline
Qty Leaked: 550
Abate Method: Not reported
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Soil only

SIX TO SIX EQUIPMENT RENTALS (Continued) **S100725940**

Date Found: 10/18/1994
Date Stopped: 10/18/1994
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 10/24/1994
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 10/18/1994
Enforce Date: 11/10/94
Closed Date: 11/14/96
Enforce Type: SEL
Pilot Program: LOP
Basin Number: 904.52
GW Depth: 8
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 2B
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Q83 **6-2-6 EQUIPMENT RENTALS** **LUST** **S102423466**
North **175 VIA VERA CRUZ** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **Cortese**
0.291 mi. **HIST CORTESE**
1536 ft. **Site 2 of 5 in cluster Q** **SAN DIEGO CO LOP**
CERS

Relative:
Higher

Actual:
540 ft.

LUST:
Name: SIX TO SIX EQUIP RENTALS
Address: 175 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302950
Global Id: T0607302950
Latitude: 33.140797
Longitude: -117.189569
Status: Completed - Case Closed
Status Date: 10/23/1989
Case Worker: Not reported
RB Case Number: 9UT681
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H02554-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607302950
Action Type: Other
Date: 02/24/1987
Action: Leak Began

6-2-6 EQUIPMENT RENTALS (Continued) **S102423466**

Global Id: T0607302950
Action Type: Other
Date: 02/24/1987
Action: Leak Reported

Global Id: T0607302950
Action Type: Other
Date: 02/24/1987
Action: Leak Stopped

Global Id: T0607302950
Action Type: Other
Date: 02/24/1987
Action: Leak Discovery

LUST:
Global Id: T0607302950
Status: Open - Case Begin Date
Status Date: 02/24/1987

Global Id: T0607302950
Status: Completed - Case Closed
Status Date: 10/23/1989

Name: SIX TO SIX EQUIP RENTALS
Address: 175 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301721
Global Id: T0607301721
Latitude: 33.140797
Longitude: -117.189569
Status: Completed - Case Closed
Status Date: 11/14/1996
Case Worker: Not reported
RB Case Number: 9UT2954
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H02554-002
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

LUST:
Global Id: T0607301721
Action Type: ENFORCEMENT
Date: 11/10/1994
Action: Notice of Responsibility

Global Id: T0607301721
Action Type: ENFORCEMENT
Date: 11/04/1996
Action: Closure/No Further Action Letter - #H02554-002

Global Id: T0607301721

6-2-6 EQUIPMENT RENTALS (Continued) **S102423466**

Action Type: ENFORCEMENT
Date: 11/13/1996
Action: Closure/No Further Action Letter

LUST:
Global Id: T0607301721
Status: Open - Case Begin Date
Status Date: 10/24/1994

Global Id: T0607301721
Status: Completed - Case Closed
Status Date: 11/14/1996

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT681
Local Case: H02554-001
Substance: Gasoline
Qty Leaked: 0
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Other Source
Cause: Other Cause
Lead Agency: Local Agency
Case Type: Soil only
Date Found: 02/17/1987
Date Stopped: 02/24/1987
Confirm Date: 02/24/1987
Submit Workplan: Not reported
Prelim Assess: 08/20/1987
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 02/23/1987
Enforce Date: Not reported
Closed Date: 10/23/89
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.52
GW Depth: Not reported
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:
Name: SIX TO SIX EQUIP RENTALS

6-2-6 EQUIPMENT RENTALS (Continued) **S102423466**

Address: 175 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Case Number: H02554-002
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 11/14/1996
Date Began: 10/18/1994

Name: SIX TO SIX EQUIP RENTALS
Address: 175 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Case Number: H02554-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 10/23/1989
Date Began: 2/24/1987

CORTESE:
Name: SIX TO SIX EQUIP RENTALS
Address: 175 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607301721
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: SIX TO SIX EQUIP RENTALS
Address: 175 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607302950
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported

6-2-6 EQUIPMENT RENTALS (Continued) **S102423466**

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:	6-2-6 EQUIPMENT RENTALS
edr_fadd1:	175 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT681

edr_fname:	SIX TO SIX EQUIPMENT RENT
edr_fadd1:	175 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT2954

SAN DIEGO CO LOP:

Name:	SIX TO SIX EQUIP RENTALS
Address:	175 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92069-2615
Record ID:	DEH1994-LSAM-H02554-002
Record Status:	Completed
Opened Date:	10/18/1994
Parcel Number:	219-152-68-00
Case Type:	LOP - Local Oversight Program
Historical Name:	SIX TO SIX EQUIPMENT RENTALS
SWRCB Global ID:	T0607301721
Funding:	F - LOP Federal Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	10/24/1994
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1407836
Longitude:	-117.1895993
X MapCoord:	6274062.675
Y MapCoord:	1996156.773

6-2-6 EQUIPMENT RENTALS (Continued) **S102423466**

Name:	SIX TO SIX EQUIP RENTALS
Address:	175 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92069-2615
Record ID:	DEH1987-LSAM-H02554-001
Record Status:	Completed
Opened Date:	02/24/1987
Parcel Number:	219-152-68-00
Case Type:	LOP - Local Oversight Program
Historical Name:	6-2-6 RENTALS
SWRCB Global ID:	T0607302950
Funding:	S - LOP State Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	02/24/1987
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1407836
Longitude:	-117.1895993
X MapCoord:	6274062.675
Y MapCoord:	1996156.773

CERS:

Name:	SIX TO SIX EQUIP RENTALS
Address:	175 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 920692615
Site ID:	226426
CERS ID:	T0607301721
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Name:	SIX TO SIX EQUIP RENTALS
Address:	175 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 920692615
Site ID:	226426
CERS ID:	T0607302950
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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O84 **ROOFING WHOLESALE CO. INC** **LUST** **S100727449**
WNW **1401 LINDA VISTA DR** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **CPS-SLIC**
0.302 mi. **San Diego Co. HMMD**
1593 ft. **Site 4 of 4 in cluster O** **SWEEPS UST**
Cortese
Relative: Higher **HIST CORTESE**
SAN DIEGO CO LOP
Actual: 537 ft. **CERS**

LUST:

Name:	ROOFING WHOLESALE, INC
Address:	1401 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693806
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301964
Global Id:	T0607301964

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Latitude: 33.136846
Longitude: -117.197725
Status: Completed - Case Closed
Status Date: 06/27/1996
Case Worker: Not reported
RB Case Number: 9UT3208
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H07034-002
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0607301964
Action Type: ENFORCEMENT
Date: 06/27/1996
Action: Closure/No Further Action Letter

Global Id: T0607301964
Action Type: Other
Date: 11/30/1995
Action: Leak Reported

Global Id: T0607301964
Action Type: ENFORCEMENT
Date: 12/12/1995
Action: Notice of Responsibility

Global Id: T0607301964
Action Type: Other
Date: 11/30/1995
Action: Leak Began

Global Id: T0607301964
Action Type: Other
Date: 11/30/1995
Action: Leak Stopped

Global Id: T0607301964
Action Type: Other
Date: 11/30/1995
Action: Leak Discovery

LUST:
Global Id: T0607301964
Status: Open - Case Begin Date
Status Date: 11/30/1995

Global Id: T0607301964
Status: Completed - Case Closed
Status Date: 06/27/1996

LUST REG 9:
Region: 9
Status: Case Closed

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Case Number: 9UT3208
Local Case: H07034-002
Substance: Diesel
Qty Leaked: 0
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency: San Diego
How Found: Not reported
How Stopped: Not reported
Source: Not reported
Cause: Not reported
Lead Agency: Local Agency
Case Type: Other ground water affected
Date Found: 11/30/1995
Date Stopped: 11/30/1995
Confirm Date: 11/30/1995
Submit Workplan: Not reported
Prelim Assess: 12/12/1995
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 11/30/1995
Enforce Date: 12/12/95
Closed Date: 6/27/96
Enforce Type: SEL
Pilot Program: LOP
Basin Number: 904.52
GW Depth: 10’
Beneficial Use: MUNBU
NPDES Number: Not reported
Priority: High priority
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:
Name: ROOFING WHOLESALE, INC
Address: 1401 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693806
Case Number: H07034-001
Agency: DEH Site Assessment & Mitigation
Funding: **Non Billable**
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 1/19/1988
Date Began: 10/20/1986

Name: ROOFING WHOLESALE, INC
Address: 1401 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693806
Case Number: H07034-002
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Date: 6/27/1996
Date Began: 11/30/1995

CPS-SLIC:
Name: ROOFING WHOLESALE, INC
Address: 1401 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693806
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 01/19/1988
Global Id: T0608153395
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H07034-001
Latitude: 33.137126
Longitude: -117.197752
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
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:

HMMD SAN DIEGO:
Name: ROOFING WHOLESALE, INC
Address: 1401 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: Not reported
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 760-744-3090
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 07/17/2021
Facility Owner: Not reported
Facility Mailing Address: 1918 W GRANT ST, PHOENIX, AZ 85009
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: N
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2002-HUPFP-107034
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-107034

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6023757
Return To Compliance Date:	2018-12-13T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2018-07-31T07:09:00.000
Violation Code:	1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6023757
Return To Compliance Date:	2018-12-13T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2018-07-31T07:09:00.000
Violation Code:	1010005 Site map not submitted in CERS or not sufficient. HSC 25505(a)(2); 25508.1(f); 19 CCR 2652(a)(3)

Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6023757
Return To Compliance Date:	2018-08-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2018-07-31T07:09:00.000
Violation Code:	HMD0216 Failed to label hazardous material container within 10 days after the container was discovered to be mislabeled or inadequately labeled. HSC 25124(b)(3)(A); 22 CCR 66262.34(f)

Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5124706
Return To Compliance Date:	2014-10-16T00:00:00.000
Nov:	No

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2014-09-22T15:25:00.000
Violation Code:	1020002 Failure to include provisions in the business plan to ensure that appropriate personnel receive initial and annual training. 19 CCR 4 2732(b); HSC 6.95 25504(c).
Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6023757
Return To Compliance Date:	2018-08-16T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2018-07-31T07:09:00.000
Violation Code:	3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)
Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5514881
Return To Compliance Date:	2016-10-19T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2016-10-19T16:26:00.000
Violation Code:	3030030 Failed to maintain and/or 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. (40 CFR 262.34(d)(4), 265.31.) 22 CCR 66262.34(d)(2)
Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5514881
Return To Compliance Date:	2016-10-19T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2016-10-19T16:26:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)
Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6023757
Return To Compliance Date:	2018-12-13T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-07-17T00:00:00.000
Inspection Date:	2018-07-31T07:09:00.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)

UST DTL:

Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Facility Type (Ust Facility):	Not reported
Tank Owner Name:	ROOFING WHOLESALE, INC
Tankid:	20464
Tank Status:	Removed
Date Ust Permanently Closed:	05/12/1995
Tank Use:	01
Piping System Type:	Not reported
Last Updated:	2021-07-17T02:39:39.000
Tank Capacityin Gallons:	8000
Tank Contents:	Diesel
Type Of Tank:	01
Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-107034
Facility Type (Ust Facility):	Not reported
Tank Owner Name:	ROOFING WHOLESALE, INC
Tankid:	20465
Tank Status:	Removed
Date Ust Permanently Closed:	05/12/1995
Tank Use:	01
Piping System Type:	Not reported
Last Updated:	2021-07-17T02:39:39.000
Tank Capacityin Gallons:	8000
Tank Contents:	Diesel
Type Of Tank:	01

Waste and Materials:

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0116904
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-07-17T02:39:39.000
Chemical Name:	ASPHALT ALUMINUM PAINT, ACRYLIC WATER BASE PAINTS
Common Name:	ASPHALT ALUMINUM PAINT, ACRYLIC WATER BASE PAINTS
Case Number:	124-18-5

Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0116905
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-07-17T02:39:39.000
Chemical Name:	PLASTIC ROOF CEMENT, COLD ADHESIVE, ASPHALT EMOLSION
Common Name:	PLASTIC ROOF CEMENT, COLD ADHESIVE, ASPHALT EMOLSION
Case Number:	64742-88-7

Record ID:	DEH2002-HUPFP-107034
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0116906
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-07-17T02:39:39.000
Chemical Name:	Diesel Fuel
Common Name:	Diesel Fuel
Case Number:	68334-30-5

Name:	ROOFING WHOLESALE, INC
Address:	1401 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	107034
Business Type:	6HK70
EPA Id Number:	Not reported
APN:	219-223-17-00
Last HMMD Inspection:	06/28/2010
Facility Telephone:	760-744-3090
Permit Status:	OPEN
Permit Expiration:	07/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	ROOFING WHOLESALE, INC
Facility Mailing Address:	1401 W LINDA VISTA DR
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	BLANK LINE AMERICA
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):

Permit Number: 107034
Update Date: 11/02/2012
Case Number: 124-18-5
Name: ASPHALT ALUMINUM PAINT, ACRYLIC WATER BASE PAINTS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 107034
Update Date: 11/02/2012
Case Number: 64742-88-7
Name: PLASTIC ROOF CEMENT, COLD ADHESIVE, ASPHALT EMOLSION
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 107034
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Violations Active Permits:

Permit Number: 107034
Update Date: 11/02/2012
Inspection Date: 06/28/2010
Violation Code: 6HV0217
Violation: HAZMAT CON. NOT REPACKAGED WI 96 HRS.
Violation Citation: Failed to repackage damaged/deteriorated hazardous material container within 96 hours. 25124(b)(3)(B) & 66262.34(f)
Activity: ACTIVE

Permit Number: 107034
Update Date: 11/02/2012
Inspection Date: 06/28/2010
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

Permit Number: 107034
Update Date: 11/02/2012
Inspection Date: 12/16/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Activity: ACTIVE

Permit Number: 107034
Update Date: 11/02/2012
Inspection Date: 10/14/2008
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED
Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 107034 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 107034
Tank Type: SINGLE WALL
Additional Id: 01
Capacity Gallons: 8000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1995-05-12 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 107034 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 107034
Tank Type: SINGLE WALL
Additional Id: 02
Capacity Gallons: 8000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1995-05-12 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

SWEEPS UST:
Name: ROOFING WHOLESALE
Address: 1401 LINDA VISTA DR
City: SAN MARCOS
Status: Active
Comp Number: 7034
Number: 9
Board Of Equalization: 44-022398
Referral Date: Not reported

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-007034-000001
Tank Status:	A
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	ROOFING WHOLESALE
Address:	1401 LINDA VISTA DR
City:	SAN MARCOS
Status:	Active
Comp Number:	7034
Number:	9
Board Of Equalization:	44-022398
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-007034-000002
Tank Status:	A
Capacity:	8000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P
Content:	OTHER
Number Of Tanks:	Not reported

CORTESE:

Name:	ROOFING WHOLESALE, INC
Address:	1401 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693806
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607301964
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

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

HIST CORTESE:

edr_fname:	ROOFING WHOLESALE CO. INC
edr_fadd1:	1401 LINDA VISTA
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT3208

SAN DIEGO CO LOP:

Name:	ROOFING WHOLESALE, INC
Address:	1401 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1995-LSAM-H07034-002
Record Status:	Completed
Opened Date:	11/30/1995
Parcel Number:	219-223-17-00
Case Type:	LOP - Local Oversight Program
Historical Name:	ROOFING WHOLESALE CO. INC
SWRCB Global ID:	T0607301964
Funding:	F - LOP Federal Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	11/30/1995
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1369378
Longitude:	-117.1978145
X MapCoord:	6271547.272
Y MapCoord:	1994839.014

Name:	ROOFING WHOLESALE, INC
Address:	1401 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1986-LSAM-H07034-001
Record Status:	Completed
Opened Date:	10/20/1986
Parcel Number:	219-223-17-00
Case Type:	FIT - Failed Integrity Test
Historical Name:	ROOFING WHOLESALE
SWRCB Global ID:	T0608153395
Funding:	N - Non-Billable
Lead Agency:	DEH/SAM
Lead Agency Date:	10/20/1986
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1369378
Longitude:	-117.1978145
X MapCoord:	6271547.272

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Y MapCoord: 1994839.014

CERS:
Name: ROOFING WHOLESALE, INC
Address: 1401 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693806
Site ID: 192448
CERS ID: T0607301964
CERS Description: Leaking Underground Storage Tank Cleanup Site

Name: ROOFING WHOLESALE, INC
Address: 1401 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693806
Site ID: 192448
CERS ID: T0608153395
CERS Description: Cleanup Program Site

Name: ROOFING WHOLESALE, INC
Address: 1401 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 400893
CERS ID: 10375624
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 400893
Site Name: ROOFING WHOLESALE, INC
Violation Date: 10-19-2016
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 10/19/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 400893
Site Name: ROOFING WHOLESALE, INC
Violation Date: 07-31-2018
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 site map with all required content.
Violation Notes: Returned to compliance on 12/13/2018. Inspection Sequence ID:6023757
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 400893
Site Name: ROOFING WHOLESALE, INC
Violation Date: 07-31-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

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 12/13/2018. Inspection Sequence ID:6023757
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 400893
Site Name: ROOFING WHOLESALE, INC
Violation Date: 10-19-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/19/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 400893
Site Name: ROOFING WHOLESALE, INC
Violation Date: 09-22-2014
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 10/16/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 400893
Site Name: ROOFING WHOLESALE, INC
Violation Date: 07-31-2018
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
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 12/13/2018. Inspection Sequence ID:6023757
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-31-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6023757
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5514881
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5124706
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-06-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6487844
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5514881
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Coordinates:
Site ID: 400893
Facility Name: ROOFING WHOLESALE, INC
Env Int Type Code: HMBP
Program ID: 10375624
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.136940
Longitude: -117.197810

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: BLACKLINE AMERICAN CORP
Entity Title: Not reported
Affiliation Address: 1918 W GRANT ST
Affiliation City: PHOENIX
Affiliation State: AR
Affiliation Country: United States
Affiliation Zip: 85009
Affiliation Phone: (602) 258-3794,

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Affiliation Type Desc:	Operator
Entity Name:	ROOFING WHOLESALE, 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:	(760) 744-3090,

Affiliation Type Desc:	Identification Signer
Entity Name:	TREVOR BECKES
Entity Title:	Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,

Affiliation Type Desc:	Document Preparer
Entity Name:	TREVOR BECKES
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:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	TREVOR BECKES
Entity Title:	Not reported
Affiliation Address:	1401 LINDA VISTA DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92069
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1401 LINDA VISTA DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported

ROOFING WHOLESALE CO. INC (Continued) **S100727449**

Affiliation Zip: 92069
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: ROOFING WHOLESALE, 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: ,

P85 **RMP METAL FINISHING** **ENVIROSTOR** **1001613135**
NE **977 LINDA VISTA DR** **San Diego Co. HMMD** **N/A**
1/4-1/2 **SAN MARCOS, CA 92078** **CERS HAZ WASTE**
0.303 mi. **EMI**
1601 ft. **Site 2 of 2 in cluster P** **NPDES**
CIWQS
Relative: **CERS**
Higher **HWTS**

Actual:
544 ft.

ENVIROSTOR:
Name: HUES METAL FINISHING, INC.
Address: 977 LINDA VISTA DRIVE
City,State,Zip: SAN MARCOS, CA 92069
Facility ID: 71002362
Status: Inactive - Needs Evaluation
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 Cypress
Assembly: 75
Senate: 38
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.13897
Longitude: -117.1856
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD039769583
Alias Type: EPA Identification Number
Alias Name: 71002362
Alias Type: Envirostor ID Number

RMP METAL FINISHING (Continued) **1001613135**

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

HMMD SAN DIEGO:

Name:	RMP METAL FINISHING
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000408875
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	7607445566
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	09/24/2021
Facility Owner:	Not reported
Facility Mailing Address:	977 LINDA VISTA DR, SAN MARCOS, CA 92069
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108597
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6146000
Return To Compliance Date:	2019-10-11T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-24T00:00:00.000

RMP METAL FINISHING (Continued) **1001613135**

Inspection Date:	2019-05-24T00:00:00.000
Violation Code:	3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108597
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5699598
Return To Compliance Date:	2017-09-26T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-24T00:00:00.000
Inspection Date:	2017-04-14T16:19:00.000
Violation Code:	3250005 Failed to obtain a Treatment, Storage and Disposal Facility (TSDF) permit or authorization to store/treat/dispose of hazardous waste. HSC 25201(a)
Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108597
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5699598
Return To Compliance Date:	2017-09-26T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-24T00:00:00.000
Inspection Date:	2017-04-14T16:19:00.000
Violation Code:	1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508.2
Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-108597
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6146000
Return To Compliance Date:	2019-05-24T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-09-24T00:00:00.000
Inspection Date:	2019-05-24T00:00:00.000
Violation Code:	1010008 HMBP not certified annually as complete and accurate in CERS. HSC 25508(a)(1)(A), 25508.2, 19 CCR 2654(b)

RMP METAL FINISHING (Continued) **1001613135**

Waste and Materials:

Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0158261
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-10T02:30:27.000
Chemical Name:	Propane
Common Name:	Liquefied Petroleum Gas (lpg)
Case Number:	74-98-6
Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0158262
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-10T02:30:27.000
Chemical Name:	Acetone
Common Name:	Acetone
Case Number:	67-64-1
Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0158263
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-10T02:30:27.000
Chemical Name:	urathane paint
Common Name:	urathane paint
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0133857
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-10T02:30:27.000
Chemical Name:	Waste paint/ acetone
Common Name:	Waste paint/ acetone
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-108597
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0133858
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-10T02:30:27.000
Chemical Name:	booth filters
Common Name:	booth filters
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-108597

RMP METAL FINISHING (Continued) **1001613135**

Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0221899
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-24T02:40:00.000
Chemical Name: urethane paint
Common Name: urethane paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-108597
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0191684
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-09-24T02:40:00.000
Chemical Name: Waste paint/ acetone
Common Name: Waste paint/ acetone
Case Number: Not reported

Record ID: DEH2002-HUPFP-108597
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0221898
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-09-24T02:40:00.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-108597
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0070480
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-03-27T19:18:16.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-108597
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HCHEM-0070481
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-03-27T19:18:16.000
Chemical Name: Acetone
Common Name: Acetone
Case Number: 67-64-1

Record ID: DEH2002-HUPFP-108597
Permit Status: Permit Renewed
Active Permit: Y

RMP METAL FINISHING (Continued) **1001613135**

Child Record Id: DEH2015-HCHEM-0070482
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-03-27T19:18:16.000
Chemical Name: urathane paint
Common Name: urathane paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-108597
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0054492
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-03-27T19:18:16.000
Chemical Name: Waste paint/ acetone
Common Name: Waste paint/ acetone
Case Number: Not reported

Record ID: DEH2002-HUPFP-108597
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2015-HWAST-0054493
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-03-27T19:18:16.000
Chemical Name: booth filters
Common Name: booth filters
Case Number: Not reported

Name: HUES METAL FINISHING, INC
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 108597
Business Type: 6HK50
EPA Id Number: CAD039769583
APN: 219-331-08-00
Last HMMD Inspection: 07/18/2012
Facility Telephone: 760-744-5566
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: HUES METAL FINISHING, INC.
Facility Mailing Address: 977 LINDA VISTA DR
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 108597

RMP METAL FINISHING (Continued) **1001613135**

Update Date: 11/02/2012
Case Number: 71-36-3
Name: ACRYLIC ENAMEL W/BUTYL ALCOHOL
Other Information: WATER BASED
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 7738-94-5
Name: ALCHROME #2B CLEAR CHEM FILM-4LBS
Other Information: IN 350GALS H20-PROCESS TNKESS TANK
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 1333-82-0
Name: B W/5% SOLUBLE CHROMIUM ALCHROME
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 78-93-3
Name: HIGH SOLIDS POLYURETHANE
Other Information: FLAMMABLE LIQUID, W/MEK E & POLYURETHAN
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: PHOSPHORIC ACID 2%: ALUMA
Other Information: PREP 3 AN ACID (ETHC)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE (TWO 500 GAL TANKS)

RMP METAL FINISHING (Continued) **1001613135**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: HEXAVALENT CHROMIUM RINSATE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: CHROME SLUDGE, HW DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Other Information: PAINT STILL BOTTOMS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV0234
Violation: FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV1711
Violation: INADEQ./NO ONSITE UNIT INSPECTION SCHED.
Violation Citation: Inadequate or no onsite written inspection schedule for containers, tanks, & equipment (must include inspections for safety equipment,

RMP METAL FINISHING (Continued) **1001613135**

	emergency & security devices, specify problems checked for, and frequency of inspections). {For containers-CE: 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15} (For tanks, also 66265.195)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1712
Violation:	INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation:	Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1744
Violation:	PHASE I ASSESSMENT NOT DONE/INADEQ.
Violation Citation:	Phase I site assessment checklist not completed & filed (with DTSC) within one year of being authorized to operate unit. {CA: 25200.3(c)(3); PBR: 67450.7(a)(3); 25200.14(b)(1)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1751
Violation:	PBR NOTIFICATION NOT FILED/RENEWED
Violation Citation:	PBR notification not renewed/filed annually (due by January 1) or sooner {if significant change(s) occurred}. {67450.3(c)(1) & (c)(2)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT

RMP METAL FINISHING (Continued) **1001613135**

Violation Citation:	Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0222
Violation:	DID NOT PROPERLY LABEL ERM
Violation Citation:	Failed to properly label ERM. 25143.9(a)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1008
Violation:	NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation:	Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0234
Violation:	FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation:	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31

RMP METAL FINISHING (Continued) **1001613135**

Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1712
Violation:	INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation:	Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1741
Violation:	SECONDARY CONTAINMENT INADEQ/ABSENT
Violation Citation:	Proper secondary containment is not provided or is not: compatible with stored waste, free of cracks & leaks, protecting containers from contact with accumulated liquid, capable of containing a 24 hour/25 year storm precipitation plus 10% volume of all containers, or 100% largest container volume, whichever is greater. {Containers: 66264.175(a)&(b) for CA: 25200.3(c)(4) for PBR: 67450.3(c)(9)} {Tank systems: 66265.193 and .194}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation:	Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	04/17/2003
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	04/17/2003
Violation Code:	6HV0143
Violation:	TP NOTIFICATION INCOMPLETE/INCORRECT
Violation Citation:	TIERED PERMITTING: TP Notification has incomplete or incorrect information. 25201
Activity:	ACTIVE

RMP METAL FINISHING (Continued) **1001613135**

Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	06/10/2004
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	04/14/2003
Violation Code:	6HV1501
Violation:	NOT ALL UNITS IN TP NOTIFICATION
Violation Citation:	TIERED PERMITTING: FACILITY WIDE-Not all units under PBR, CA, and CE are properly indicated on Form DTSC 1772. (Add any new units with unit sheets or correct tier on the unit sheet.)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	04/14/2003
Violation Code:	6HV1552
Violation:	TP UNIT:WRONG # TANKS/CONTAINERS
Violation Citation:	TIERED PERMITTING-ALL UNITS:The unit notification information is not accurate as to the number of tank(s) or container(s).
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1008
Violation:	NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation:	Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012

RMP METAL FINISHING (Continued) **1001613135**

Inspection Date:	07/18/2012
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1746
Violation:	NO FIN. ASSUR OR NOT UPDATED/ADEQUATE
Violation Citation:	Financial assurance not obtained, not updated annually or inadequate for sum of closure cost estimates using appropriate mechanism (i.e. trust fund, surety bond, insurance, self-certification) showing each unit's estimated closure costs. {67450.13; 66265.143} Requires submittal of UPC form, "Certification of Financial Assurance per 67450.13(b)"
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV1005
Violation:	HMBP: NO ER CONTACTS LISTED OR CURRENT
Violation Citation:	Business Plan does not list the name and 24 hour phone numbers of Emergency Contact persons or contact is not current. HSC 25509(a)(7)
Activity:	ACTIVE
Name:	HUES METAL FINISHING, INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	108597

RMP METAL FINISHING (Continued) **1001613135**

Business Type:	6HK50
EPA Id Number:	CAD039769583
APN:	219-331-08-00
Last HMMD Inspection:	07/18/2012
Facility Telephone:	760-744-5566
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	HUES METAL FINISHING, INC.
Facility Mailing Address:	977 LINDA VISTA DR
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Y
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	108597
Update Date:	11/02/2012
Case Number:	71-36-3
Name:	ACRYLIC ENAMEL W/BUTYL ALCOHOL
Other Information:	WATER BASED
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	108597
Update Date:	11/02/2012
Case Number:	7738-94-5
Name:	ALCHROME #2B CLEAR CHEM FILM-4LBS
Other Information:	IN 350GALS H20-PROCESS TNKESS TANK
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	CHRONIC

Permit Number:	108597
Update Date:	11/02/2012
Case Number:	1333-82-0
Name:	B W/5% SOLUBLE CHROMIUM ALCHROME
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	CHRONIC

Permit Number:	108597
Update Date:	11/02/2012
Case Number:	Not reported
Name:	CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information:	BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste:	Not reported
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

RMP METAL FINISHING (Continued) **1001613135**

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 78-93-3
Name: HIGH SOLIDS POLYURETHANE
Other Information: FLAMMABLE LIQUID, W/MEK E & POLYURETHAN
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: PHOSPHORIC ACID 2%: ALUMA
Other Information: PREP 3 AN ACID (ETHC)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE (TWO 500 GAL TANKS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: HEXAVALENT CHROMIUM RINSATE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: CHROME SLUDGE, HW DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Other Information: PAINT STILL BOTTOMS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 108597
Update Date: 11/02/2012

RMP METAL FINISHING (Continued) **1001613135**

Inspection Date:	08/09/2007
Violation Code:	6HV0226
Violation:	HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation:	Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV0234
Violation:	FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation:	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1711
Violation:	INADEQ./NO ONSITE UNIT INSPECTION SCHED.
Violation Citation:	Inadequate or no onsite written inspection schedule for containers, tanks, & equipment (must include inspections for safety equipment, emergency & security devices, specify problems checked for, and frequency of inspections). {For containers-CE: 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15} (For tanks, also 66265.195)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1712
Violation:	INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation:	Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012

RMP METAL FINISHING (Continued) **1001613135**

Inspection Date:	08/09/2007
Violation Code:	6HV1744
Violation:	PHASE I ASSESSMENT NOT DONE/INADEQ.
Violation Citation:	Phase I site assessment checklist not completed & filed (with DTSC) within one year of being authorized to operate unit. {CA: 25200.3(c)(3); PBR: 67450.7(a)(3); 25200.14(b)(1)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1751
Violation:	PBR NOTIFICATION NOT FILED/RENEWED
Violation Citation:	PBR notification not renewed/filed annually (due by January 1) or sooner {if significant change(s) occurred}. {67450.3(c)(1) & (c)(2)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	08/09/2007
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation:	Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0222
Violation:	DID NOT PROPERLY LABEL ERM
Violation Citation:	Failed to properly label ERM. 25143.9(a)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010

RMP METAL FINISHING (Continued) **1001613135**

Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1008
Violation:	NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation:	Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0234
Violation:	FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation:	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1712
Violation:	INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation:	Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1741
Violation:	SECONDARY CONTAINMENT INADEQ/ABSENT
Violation Citation:	Proper secondary containment is not provided or is not: compatible with stored waste, free of cracks & leaks, protecting containers from contact with accumulated liquid, capable of containing a 24 hour/25 year storm precipitation plus 10% volume of all containers, or 100% largest container volume, whichever is greater. {Containers: 66264.175(a)&(b) for CA: 25200.3(c)(4) for PBR: 67450.3(c)(9)} {Tank systems: 66265.193 and .194}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation:	Written waste analysis plan does not exist or is inadequate in

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specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 04/17/2003
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 04/17/2003
Violation Code: 6HV0143
Violation: TP NOTIFICATION INCOMPLETE/INCORRECT
Violation Citation: TIERED PERMITTING: TP Notification has incomplete or incorrect information. 25201
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 06/10/2004
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 04/14/2003
Violation Code: 6HV1501
Violation: NOT ALL UNITS IN TP NOTIFICATION
Violation Citation: TIERED PERMITTING: FACILITY WIDE-Not all units under PBR, CA, and CE are properly indicated on Form DTSC 1772. (Add any new units with unit sheets or correct tier on the unit sheet.)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 04/14/2003
Violation Code: 6HV1552
Violation: TP UNIT:WRONG # TANKS/CONTAINERS
Violation Citation: TIERED PERMITTING-ALL UNITS:The unit notification information is not accurate as to the number of tank(s) or container(s).
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 07/18/2012
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR

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	262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1008
Violation:	NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation:	Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1746
Violation:	NO FIN. ASSUR OR NOT UPDATED/ADEQUATE
Violation Citation:	Financial assurance not obtained, not updated annually or inadequate for sum of closure cost estimates using appropriate mechanism (i.e. trust fund, surety bond, insurance, self-certification) showing each unit's estimated closure costs. {67450.13; 66265.143} Requires submittal of UPC form, "Certification of Financial Assurance per 67450.13(b)"
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE

RMP METAL FINISHING (Continued) **1001613135**

Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE

Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV1005
Violation:	HMBP: NO ER CONTACTS LISTED OR CURRENT
Violation Citation:	Business Plan does not list the name and 24 hour phone numbers of Emergency Contact persons or contact is not current. HSC 25509(a)(7)
Activity:	ACTIVE

Name:	HUES METAL FINISHING, INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	108597
Business Type:	6HK50
EPA Id Number:	CAD039769583
APN:	219-331-08-00
Last HMMD Inspection:	07/18/2012
Facility Telephone:	760-744-5566
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	HUES METAL FINISHING, INC.
Facility Mailing Address:	977 LINDA VISTA DR
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Y
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	108597
Update Date:	11/02/2012
Case Number:	71-36-3
Name:	ACRYLIC ENAMEL W/BUTYL ALCOHOL
Other Information:	WATER BASED
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	108597
Update Date:	11/02/2012
Case Number:	7738-94-5
Name:	ALCHROME #2B CLEAR CHEM FILM-4LBS

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Other Information: IN 350GALS H20-PROCESS TNKESS TANK
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 1333-82-0
Name: B W/5% SOLUBLE CHROMIUM ALCHROME
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: CHRONIC

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 78-93-3
Name: HIGH SOLIDS POLYURETHANE
Other Information: FLAMMABLE LIQUID, W/MEK E & POLYURETHAN
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 7664-38-2
Name: PHOSPHORIC ACID 2%: ALUMA
Other Information: PREP 3 AN ACID (ETHC)
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: EXTREMELY HAZARDOUS

Permit Number: 108597
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE (TWO 500 GAL TANKS)
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: HEXAVALENT CHROMIUM RINSATE
Material Waste: Waste
Hazardous Categories 1: Not reported

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Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: CHROME SLUDGE, HW DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 108597
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 252 STILL BOTTOM WASTE (OTHER)
Other Information: PAINT STILL BOTTOMS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV0226
Violation: HW NOT ACCUMULATED IN TANK/CONTAINER
Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV0234
Violation: FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV1711
Violation: INADEQ./NO ONSITE UNIT INSPECTION SCHED.
Violation Citation: Inadequate or no onsite written inspection schedule for containers, tanks, & equipment (must include inspections for safety equipment, emergency & security devices, specify problems checked for, and frequency of inspections). {For containers-CE: 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15} (For tanks, also 66265.195)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV1712
Violation: INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation: Inadequate or no onsite records/logs of inspections conducted (must

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include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b) & (d)}

Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV1716
Violation: INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation: Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV1744
Violation: PHASE I ASSESSMENT NOT DONE/INADEQ.
Violation Citation: Phase I site assessment checklist not completed & filed (with DTSC) within one year of being authorized to operate unit. {CA: 25200.3(c)(3); PBR: 67450.7(a)(3); 25200.14(b)(1)}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV1751
Violation: PBR NOTIFICATION NOT FILED/RENEWED
Violation Citation: PBR notification not renewed/filed annually (due by January 1) or sooner {if significant change(s) occurred}. {67450.3(c)(1) & (c)(2)}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 08/09/2007
Violation Code: 6HV1756
Violation: WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation: Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 07/13/2010
Violation Code: 6HV0224
Violation: MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or

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	manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0222
Violation:	DID NOT PROPERLY LABEL ERM
Violation Citation:	Failed to properly label ERM. 25143.9(a)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1008
Violation:	NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation:	Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV0234
Violation:	FACILITY NOT OPERATED TO MINIM. RELEASE
Violation Citation:	Did not maintain &/or operate facility to prevent release or fire. CFR 265.31
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/13/2010
Violation Code:	6HV1712
Violation:	INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation:	Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D),

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66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 07/13/2010
Violation Code: 6HV1741
Violation: SECONDARY CONTAINMENT INADEQ/ABSENT
Violation Citation: Proper secondary containment is not provided or is not: compatible with stored waste, free of cracks & leaks, protecting containers from contact with accumulated liquid, capable of containing a 24 hour/25 year storm precipitation plus 10% volume of all containers, or 100% largest container volume, whichever is greater. {Containers: 66264.175(a)&(b) for CA: 25200.3(c)(4) for PBR: 67450.3(c)(9)} {Tank systems: 66265.193 and .194}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 07/13/2010
Violation Code: 6HV1756
Violation: WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation: Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 04/17/2003
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 04/17/2003
Violation Code: 6HV0143
Violation: TP NOTIFICATION INCOMPLETE/INCORRECT
Violation Citation: TIERED PERMITTING: TP Notification has incomplete or incorrect information. 25201
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012
Inspection Date: 06/10/2004
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity: ACTIVE

Permit Number: 108597
Update Date: 11/02/2012

RMP METAL FINISHING (Continued) **1001613135**

Inspection Date:	04/14/2003
Violation Code:	6HV1501
Violation:	NOT ALL UNITS IN TP NOTIFICATION
Violation Citation:	TIERED PERMITTING: FACILITY WIDE-Not all units under PBR, CA, and CE are properly indicated on Form DTSC 1772. (Add any new units with unit sheets or correct tier on the unit sheet.)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	04/14/2003
Violation Code:	6HV1552
Violation:	TP UNIT:WRONG # TANKS/CONTAINERS
Violation Citation:	TIERED PERMITTING-ALL UNITS:The unit notification information is not accurate as to the number of tank(s) or container(s).
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1008
Violation:	NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation:	Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity:	ACTIVE
Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity:	ACTIVE

RMP METAL FINISHING (Continued) **1001613135**

Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	07/18/2012
Violation Code:	6HV1746
Violation:	NO FIN. ASSUR OR NOT UPDATED/ADEQUATE
Violation Citation:	Financial assurance not obtained, not updated annually or inadequate for sum of closure cost estimates using appropriate mechanism (i.e. trust fund, surety bond, insurance, self-certification) showing each unit's estimated closure costs. {67450.13; 66265.143} Requires submittal of UPC form, "Certification of Financial Assurance per 67450.13(b)"
Activity:	ACTIVE

Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE

Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV0224
Violation:	MISMANAGED EMPTY CONTAINERS >5GALS.
Violation Citation:	Failed to mark date on empty container larger than 5 gallons and/or manage it within one year. 66261.7(e) & (f).
Activity:	ACTIVE

Permit Number:	108597
Update Date:	11/02/2012
Inspection Date:	10/27/2008
Violation Code:	6HV1005
Violation:	HMBP: NO ER CONTACTS LISTED OR CURRENT
Violation Citation:	Business Plan does not list the name and 24 hour phone numbers of Emergency Contact persons or contact is not current. HSC 25509(a)(7)
Activity:	ACTIVE

CERS HAZ WASTE:

Name:	RMP METAL FINISHING
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	400796
CERS ID:	10375831
CERS Description:	Hazardous Waste Generator

EMI:

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	1990
County Code:	37
Air Basin:	SD

RMP METAL FINISHING (Continued) **1001613135**

Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 12
Reactive Organic Gases Tons/Yr: 8
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

Name: HUES METAL FINISHING INC
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 1993
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 11
Reactive Organic Gases Tons/Yr: 6
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

Name: HUES METAL FINISHING INC
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 1995
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 11
Reactive Organic Gases Tons/Yr: 6
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

Name: HUES METAL FINISHING INC
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069

RMP METAL FINISHING (Continued) **1001613135**

Year:	1996
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	1997
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	6
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

Name:	HUES METAL FINISHING INC.
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	1998
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO 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:	1
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

RMP METAL FINISHING (Continued) **1001613135**

Name:	HUES METAL FINISHING INC.
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	1999
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO 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:	1
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

Name:	HUES METAL FINISHING INC.
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO 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:	1
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

Name:	HUES METAL FINISHING INC.
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

RMP METAL FINISHING (Continued) **1001613135**

Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: HUES METAL FINISHING INC.
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO 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: 2
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

Name: HUES METAL FINISHING INC.
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2003
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO 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: 3
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

Name: HUES METAL FINISHING INC.
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2004
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4.876003848
Reactive Organic Gases Tons/Yr: 3.1947814

RMP METAL FINISHING (Continued) **1001613135**

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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2005
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.85
Reactive Organic Gases Tons/Yr:	3.158
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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2006
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6.6
Reactive Organic Gases Tons/Yr:	3.33
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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2007
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported

RMP METAL FINISHING (Continued) **1001613135**

Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6.6
Reactive Organic Gases Tons/Yr: 3.33
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

Name: HUES METAL FINISHING INC
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2008
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6.6
Reactive Organic Gases Tons/Yr: 3.33
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

Name: HUES METAL FINISHING INC
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2009
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD
SIC Code: 3479
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6.6100000000000003
Reactive Organic Gases Tons/Yr: 3.3639999999999999
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

Name: HUES METAL FINISHING INC
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Year: 2010
County Code: 37
Air Basin: SD
Facility ID: 6138
Air District Name: SD

RMP METAL FINISHING (Continued) **1001613135**

SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.0499999999999998
Reactive Organic Gases Tons/Yr:	2.9119999999999999
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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Year:	2013
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.06
Reactive Organic Gases Tons/Yr:	2.922
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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Year:	2014
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.73
Reactive Organic Gases Tons/Yr:	0.908
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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Year:	2015
County Code:	37

RMP METAL FINISHING (Continued) **1001613135**

Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.73
Reactive Organic Gases Tons/Yr:	0.908
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

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Year:	2016
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.73
Reactive Organic Gases Tons/Yr:	0.908
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Year:	2017
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.73
Reactive Organic Gases Tons/Yr:	0.908
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR

RMP METAL FINISHING (Continued) **1001613135**

City,State,Zip:	SAN MARCOS, CA 92078
Year:	2018
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.73
Reactive Organic Gases Tons/Yr:	0.908
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Year:	2019
County Code:	37
Air Basin:	SD
Facility ID:	6138
Air District Name:	SD
SIC Code:	3479
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.73
Reactive Organic Gases Tons/Yr:	0.908
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

NPDES:

Name:	STONE DEPOT MORE
Address:	977 LINDA VISTA DR SUITE B
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37NEC010112
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

RMP METAL FINISHING (Continued) **1001613135**

Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	10/05/2021
Operator Name:	STONE DEPOT MORE
Operator Address:	977 LINDA VISTA DR SUITE B
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Name:	STONE DEPOT MORE
Address:	977 LINDA VISTA DR SUITE B
City,State,Zip:	SAN MARCOS, CA 92078
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	541669
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37NEC010112
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/05/2021
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	977 LINDA VISTA DR SUITE B
Discharge Name:	STONE DEPOT MORE
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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
Name:	RMP METAL FINISHING
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	543662
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37NEC010365
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/01/2021

RMP METAL FINISHING (Continued) **1001613135**

Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	977 linda vista dr
Discharge Name:	RMP Metal Finishing
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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

Name:	RMP METAL FINISHING
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37NEC010365
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:	12/01/2021
Operator Name:	RMP Metal Finishing
Operator Address:	977 linda vista dr
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

CIWQS:

Name:	RMP METAL FINISHING
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	RMP Metal Finishing
Agency Address:	977 linda vista dr, San Marcos , CA 92078
Place/Project Type:	Industrial - Miscellaneous Metal Ores, NEC
SIC/NAICS:	1099(+)
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial

RMP METAL FINISHING (Continued) **1001613135**

Order Number:	2014-0057-DWQ
WDID:	9 37NEC010365
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/01/2021
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:	0
Violations within 5 years:	0
Latitude:	33.13907
Longitude:	-117.18573

Name:	STONE DEPOT MORE
Address:	977 LINDA VISTA DR SUITE B 977 LINDA VISTA DR SUITE B
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	STONE DEPOT MORE
Agency Address:	977 LINDA VISTA DR SUITE B, San Marcos, CA 92078
Place/Project Type:	Industrial - Cut Stone and Stone Products
SIC/NAICS:	3281
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37NEC010112
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	10/05/2021
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:	0
Violations within 5 years:	0
Latitude:	33.13913
Longitude:	-117.1858

CERS:

Name:	HUES METAL FINISHING INC
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078-2611
Site ID:	473019
CERS ID:	110001187509
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	RMP METAL FINISHING
Address:	977 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	400796
CERS ID:	10375831
CERS Description:	Chemical Storage Facilities

RMP METAL FINISHING (Continued) **1001613135**

Violations:

Site ID:	400796
Site Name:	RMP METAL FINISHING
Violation Date:	04-14-2017
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	Returned to compliance on 09/26/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	400796
Site Name:	RMP METAL FINISHING
Violation Date:	04-14-2017
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
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 09/26/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	400796
Site Name:	RMP METAL FINISHING
Violation Date:	05-24-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
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 05/24/2019. Inspection Sequence ID:6146000
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	400796
Site Name:	RMP METAL FINISHING
Violation Date:	05-24-2019
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 10/11/2019. Inspection Sequence ID:6146000
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

RMP METAL FINISHING (Continued) **1001613135**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Griffith Gary Inspection ID:4092023
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-08-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Griffith Gary Inspection ID:4092023
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Griffith Gary Inspection ID:5699598
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-14-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Griffith Gary Inspection ID:5699598
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Thai Darren Inspection ID:6146000
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Thai Darren Inspection ID:6146000
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,

Affiliation:

RMP METAL FINISHING (Continued) **1001613135**

Affiliation Type Desc:	Operator
Entity Name:	Enrique Perez
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:	(760) 744-5566,

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,

Affiliation Type Desc:	Document Preparer
Entity Name:	Enrique Perez
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:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Enrique Perez
Entity Title:	Not reported
Affiliation Address:	977 LINDA VISTA DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92069
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	RMP Metal Finishing LLC
Entity Title:	Not reported
Affiliation Address:	977 LINDA VISTA DR
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92069
Affiliation Phone:	(760) 744-5566,

Affiliation Type Desc:	Parent Corporation
Entity Name:	RMP Metal Finishing
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

RMP METAL FINISHING (Continued) **1001613135**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 977 LINDA VISTA DR
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92069
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Enrique Perez
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: STONE DEPOT MORE
Address: 977 LINDA VISTA DR SUITE B
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 595100
CERS ID: 898280
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: STONE DEPOT MORE
Entity Title: Operator
Affiliation Address: 977 LINDA VISTA DR SUITE B
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Name: RMP METAL FINISHING
Address: 977 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 598335
CERS ID: 899852
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: RMP Metal Finishing
Entity Title: Operator
Affiliation Address: 977 linda vista dr
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported

RMP METAL FINISHING (Continued) **1001613135**

Affiliation Zip: 92078
Affiliation Phone: ,

HWTS:
Name: RMP METAL FINISHING
Address: 977 LINDA VISTA DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAL000408875
Inactive Date: 06/30/2016
Create Date: 07/31/2015
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 977 LINDA VISTA DR
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MARCOS, CA 92078
Owner Name: ENRIQUE PEREZ
Owner Address: 977 LINDA VISTA DR
Owner Address 2: Not reported
Owner City,State,Zip: SAN MARCOS, CA 92078
Contact Name: ENRIQUE PEREZ
Contact Address: 977 LINDA VISTA DR
Contact Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92078
Facility Status: Inactive
Facility Type: PERMANENT
Category: STATE
Latitude: 33.137892
Longitude: -117.1853235

NAICS:
EPA ID: CAL000408875
Create Date: 2015-07-31 08:41:40.130
NAICS Code: 339914
NAICS Description: Costume Jewelry and Novelty Manufacturing
Issued EPA ID Date: 2015-07-31 08:41:40.12300
Inactive Date: 2016-06-30 00:00:00
Facility Name: RMP METAL FINISHING
Facility Address: 977 LINDA VISTA DR
Facility Address 2: Not reported
Facility City: SAN MARCOS
Facility County: Not reported
Facility State: CA
Facility Zip: 92078

R86 **MASHBURN SANITATION** **SWF/LF** **S101302225**
NNW **224 LAS POSAS RD** **LUST** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **HIST CORTESE**
0.316 mi. **CERS**
1668 ft. **Site 1 of 3 in cluster R**

Relative: **Higher**
Actual: **544 ft.**

SWF/LF (SWIS):
Name: EDCO WASTE AND RECYCLING - LVT OP.
Address: 224 SOUTH LAS POSAS
City,State,Zip: SAN MARCOS, CA 92078
Region: STATE

MASHBURN SANITATION (Continued) **S101302225**

Facility ID:	37-AA-0969
SWIS Number:	37-AA-0969
Point of Contact:	Cody Oquendo
Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Operational Status:	Active
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
ARB District:	San Diego
SWRCB Region:	San Diego
Local Government:	San Marcos
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health
Regulation Status:	Notification

Activity:

SWIS Number:	37-AA-0969
Site Name:	EDCO Waste and Recycling - LVT Op.
Activity:	Limited Volume Transfer Operation
Activity Is Archived:	No
Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation
WDR Number:	Not reported
WDR Landfill Class:	Not reported
Cease Operation:	Not reported
Cease Operation Type:	Not reported
Inspection Frequency:	Quarterly
Throughput:	15
Throughput Units:	Tons per day
Remaining Capacity:	Not reported
Remaining Capacity Date:	Not reported
Capacity:	4680
Capacity Units:	Tons per year
Total Acreage:	11
Disposal Acreage:	Not reported
Permitted Elevation:	Not reported
Permitted Elevation Type:	Not reported
Permitted Depth:	Not reported
Permitted Depth Type:	Not reported
Point of Contact:	Cody Oquendo
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Is Archived:	No
Is Closed Illegal Abandoned:	No
Is Site Inert Debris Engineered Fill:	No
Is Financial Assurances Responsible:	No
Absorbed On:	Not reported
Absorbed By:	Not reported
Closed Illegal Abandoned Category:	Not reported
EPA Federal Registry ID:	Not reported
County:	San Diego
ARB District:	San Diego

MASHBURN SANITATION (Continued) **S101302225**

SWRCB Region:	San Diego
Local Government:	San Marcos
Street Address:	224 South Las Posas
City:	San Marcos
State:	CA
ZIP Code:	92078
Reporting Agency Legal Name:	County of San Diego
Reporting Agency Department:	Department of Environmental Health
Enforcing Agency Legal Name:	County of San Diego
Enforcing Agency Department:	Department of Environmental Health

Operator:

SWIS Number:	37-AA-0969
Site Name:	EDCO Waste and Recycling - LVT Op.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	33.14261
Longitude:	-117.1936
Is Archived:	No
Operator:	EDCO Waste and Recycling
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(760) 744-5615
Street Address:	Steve South, CEO 224 South Las Posas Road
Operator City:	San Marcos
Operator State:	CA
Operator Zip:	92078

Owner:

SWIS Number:	37-AA-0969
Owner:	Federal Boulevard Properties
Owner Address:	Steve South, President 6670 Federal Blvd.
Owner City:	San Marcos
Owner State:	CA
Owner Zip:	91945
Site Name:	EDCO Waste and Recycling - LVT Op.
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Notification
Latitude:	33.14261
Longitude:	-117.1936
Is Archived:	No
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(619) 287-7555

Waste:

SWIS Number:	37-AA-0969
Site Name:	EDCO Waste and Recycling - LVT Op.
Activity:	Limited Volume Transfer Operation
Waste Type:	Mixed municipal

MASHBURN SANITATION (Continued) **S101302225**

Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Notification
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Notification
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Operation

SAN DIEGO CO. LF:

Name:	EDCO CONSTRUCTION DEMOLOTION INERT RECYCLING FACILITY
Address:	224 LAS POSAS ROAD
City,State,Zip:	SAN MARCOS, CA
Facility Status:	ACTIVE SITES
Operational Status:	ACTIVE
Region:	SAN DIEGO
SWIS Number:	37-AA-0953
Owner Name:	FEDERAL BOULEVARD PROPERTIES
Operator:	EDCO WASTE AND RECYCLING INC
Facility Type:	MEDIUM VOLUME TRANSFER/ MEDIUM VOLUME CDI PROCESSING
Facility Type2:	CDI PROCESSING
PERMTIER:	REGISTRATION
Inspection Frequency:	MONTHLY

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT1425
Local Case:	H10646-001
Substance:	Waste Oil
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency:	San Diego
How Found:	Tank Closure
How Stopped:	Close Tank
Source:	Unknown
Cause:	Unknown
Lead Agency:	Local Agency
Case Type:	Aquifer affected
Date Found:	05/18/1989
Date Stopped:	05/18/1989
Confirm Date:	05/18/1989
Submit Workplan:	Not reported
Prelim Assess:	06/08/1989
Desc Pollution:	Not reported
Remed Plan:	12/14/1992
Remed Action:	Not reported
Began Monitor:	Not reported
Release Date:	01/24/1990
Enforce Date:	Not reported
Closed Date:	2/11/98
Enforce Type:	Not reported

MASHBURN SANITATION (Continued) **S101302225**

Pilot Program: LOP
Basin Number: 904.52
GW Depth: 7'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 1B
File Dispn: Not reported
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Region: 9
Status: Case Closed
Case Number: 9UT2285
Local Case: H10646-003
Substance: Motor Oil
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Tank
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 09/09/1992
Date Stopped: 09/09/1992
Confirm Date: 09/09/1992
Submit Workplan: 9/23/92
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: 03/08/1993
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 09/09/1992
Enforce Date: Not reported
Closed Date: 2/11/98
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.52
GW Depth: 7
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 1B
File Dispn: Not reported
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HIST CORTESE:
edr_fname: MASHBURN SANITATION
edr_fadd1: 224 LAS POSAS
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA

MASHBURN SANITATION (Continued) **S101302225**

Reg Id: 9UT2285

edr_fname: MASHBURN WASTE
edr_fadd1: 224 LAS POSAS
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3726

CERS:
Name: EDCO WASTE AND RECYCLING - LVT OP.
Address: 224 SOUTH LAS POSAS
City,State,Zip: SAN MARCOS, CA
Site ID: 508426
CERS ID: 37-AA-0969
CERS Description: Solid Waste and Recycle Sites

Affiliation:
Affiliation Type Desc: Legal Operator
Entity Name: EDCO WASTE AND RECYCLING
Entity Title: Not reported
Affiliation Address: Steve South, CEO224 South Las Posas Road
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: 7607445615,

Affiliation Type Desc: Legal Owner
Entity Name: Federal Boulevard Properties
Entity Title: Not reported
Affiliation Address: Steve South, President6670 Federal Blvd.
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91945
Affiliation Phone: 6192877555,

R87 **MASHBURN SANITATION CO.** **SWF/LF** **S100233159**
NNW **224 LAS POSAS ROAD** **Notify 65** **N/A**
1/4-1/2 **SAN MARCOS, CA**
0.316 mi.
1668 ft. **Site 2 of 3 in cluster R**

Relative: Higher
Actual: 544 ft.

SAN DIEGO CO. LF:
Name: EDCO WASTE & RECYCLING
Address: 224 S. LAS POSAS ROAD
City,State,Zip: SAN MARCOS, CA
Facility Status: ACTIVE SITES
Operational Status: ACTIVE
Region: SAN DIEGO
SWIS Number: 37-AA-0969
Owner Name: FEDERAL BOULEVARD PROPERTIES
Operator: MR. STEVE SOUTH
Facility Type: LIMITED VOLUME TRANSFER OPERATIONS/ ENGINEERED FILL
Facility Type2: TRANSFER OPERATION

MASHBURN SANITATION CO. (Continued) **S100233159**

PERMTIER: EA NOTIFICATION
Inspection Frequency: QUARTERLY

NOTIFY 65:
Name: MASHBURN SANITATION CO.
Address: 224 LAS POSAS ROAD
City,State,Zip: SAN MARCOS, CA
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported
Global ID: Not reported
Status: Not reported

R88 **SOLID WASTE SERVICES** **SWF/LF** **S104234424**
NNW **224 S LAS POSAS RD** **LUST** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **SAN DIEGO CO. SAM**
0.316 mi. **CPS-SLIC**
1668 ft. **Site 3 of 3 in cluster R** **AST**
SWRCY
Relative: Higher **San Diego Co. HMMD**
CERS HAZ WASTE
Actual: 544 ft. **SWEEPS UST**
CERS TANKS
Cortese
NPDES
SAN DIEGO CO LOP
CIWQS
CERS

SWF/LF (SWIS):
Name: EDCO CDI RECYCLING
Address: 224 S. LAS POSAS ROAD
City,State,Zip: SAN MARCOS, CA 92078
Region: STATE
Facility ID: 37-AA-0953
SWIS Number: 37-AA-0953
Point of Contact: Cody Oquendo
Is Archived: No
Is Closed Illegal Abandoned: No
Is Site Inert Debris Engineered Fill: No
Is Financial Assurances Responsible: No
Absorbed On: Not reported
Operational Status: Active
Absorbed By: Not reported
Closed Illegal Abandoned Category: Not reported
EPA Federal Registry ID: Not reported
ARB District: San Diego
SWRCB Region: San Diego
Local Government: San Marcos
Reporting Agency Legal Name: County of San Diego
Reporting Agency Department: Department of Environmental Health
Enforcing Agency Legal Name: County of San Diego
Enforcing Agency Department: Department of Environmental Health

SOLID WASTE SERVICES (Continued) **S104234424**

Regulation Status: Permitted

Activity:
SWIS Number: 37-AA-0953
Site Name: EDCO CDI Recycling
Activity: Medium Volume CDI Debris Processing Facility
Activity Is Archived: No
Category: Transfer/Processing
Activity Classification: Solid Waste Facility
WDR Number: Not reported
WDR Landfill Class: Not reported
Cease Operation: Not reported
Cease Operation Type: Not reported
Inspection Frequency: Monthly
Throughput: 175
Throughput Units: Tons per day
Remaining Capacity: Not reported
Remaining Capacity Date: Not reported
Capacity: 53418
Capacity Units: Tons per year
Total Acreage: 11
Disposal Acreage: Not reported
Permitted Elevation: Not reported
Permitted Elevation Type: Not reported
Permitted Depth: Not reported
Permitted Depth Type: Not reported
Point of Contact: Cody Oquendo
Site Operational Status: Active
Site Regulatory Status: Permitted
Site Is Archived: No
Is Closed Illegal Abandoned: No
Is Site Inert Debris Engineered Fill: No
Is Financial Assurances Responsible: No
Absorbed On: Not reported
Absorbed By: Not reported
Closed Illegal Abandoned Category: Not reported
EPA Federal Registry ID: Not reported
County: San Diego
ARB District: San Diego
SWRCB Region: San Diego
Local Government: San Marcos
Street Address: 224 S. Las Posas Road
City: San Marcos
State: CA
ZIP Code: 92078
Reporting Agency Legal Name: County of San Diego
Reporting Agency Department: Department of Environmental Health
Enforcing Agency Legal Name: County of San Diego
Enforcing Agency Department: Department of Environmental Health

Operator:
SWIS Number: 37-AA-0953
Site Name: EDCO CDI Recycling
Site Operational Status: Active
Site Type: Non-Disposal Only
Site Regulatory Status: Permitted
Latitude: 33.14166

SOLID WASTE SERVICES (Continued) **S104234424**

Longitude:	-117.19386
Is Archived:	No
Operator:	EDCO Waste and Recycling Services
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(760) 744-2700
Street Address:	Jeffery Ritchie 224 S. Las Posas Road
Operator City:	San Marcos
Operator State:	CA
Operator Zip:	92078

Owner:

SWIS Number:	37-AA-0953
Owner:	Federal Boulevard Properties
Owner Address:	Steven South, Chief Operaing Officer 6670 Federal Boulevard
Owner City:	Lemon Grove
Owner State:	CA
Owner Zip:	91945
Site Name:	EDCO CDI Recycling
Site Operational Status:	Active
Site Type:	Non-Disposal Only
Site Regulatory Status:	Permitted
Latitude:	33.14166
Longitude:	-117.19386
Is Archived:	No
Started On:	Not reported
Contact Name:	Not reported
Contact Title:	Not reported
Contact Email:	Not reported
Contact Phone:	(619) 287-3532

Waste:

SWIS Number:	37-AA-0953
Site Name:	EDCO CDI Recycling
Activity:	Medium Volume CDI Debris Processing Facility
Waste Type:	Construction/demolition
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted
Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

SWIS Number:	37-AA-0953
Site Name:	EDCO CDI Recycling
Activity:	Medium Volume CDI Debris Processing Facility
Waste Type:	Inert
Site Is Archived:	No
Site Operational Status:	Active
Site Regulatory Status:	Permitted

SOLID WASTE SERVICES (Continued) **S104234424**

Site Type:	Non-Disposal Only
Point of Contact:	Cody Oquendo
Activity Is Archived:	No
Activity Operational Status:	Active
Activity Regulatory Status:	Permitted
Activity Category:	Transfer/Processing
Activity Classification:	Solid Waste Facility

LUST:

Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 920691423
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302493
Global Id:	T0607302493
Latitude:	33.141990456
Longitude:	-117.194659144
Status:	Completed - Case Closed
Status Date:	01/21/2009
Case Worker:	Not reported
RB Case Number:	9UT3726
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	H10646-004
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0607302493
Action Type:	Other
Date:	09/09/1998
Action:	Leak Began
Global Id:	T0607302493
Action Type:	Other
Date:	09/09/1998
Action:	Leak Reported
Global Id:	T0607302493
Action Type:	ENFORCEMENT
Date:	09/30/1998
Action:	Notice of Responsibility
Global Id:	T0607302493
Action Type:	Other
Date:	09/09/1998
Action:	Leak Stopped
Global Id:	T0607302493
Action Type:	ENFORCEMENT
Date:	12/24/2008
Action:	Closure/No Further Action Letter
Global Id:	T0607302493

SOLID WASTE SERVICES (Continued) **S104234424**

Action Type: ENFORCEMENT
Date: 10/01/2008
Action: Notification - Public Notice of ROD/RAP/CAP

Global Id: T0607302493
Action Type: Other
Date: 09/09/1998
Action: Leak Discovery

LUST:
Global Id: T0607302493
Status: Open - Case Begin Date
Status Date: 09/09/1998

Global Id: T0607302493
Status: Open - Remediation
Status Date: 01/01/1999

Global Id: T0607302493
Status: Completed - Case Closed
Status Date: 01/21/2009

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607301051
Global Id: T0607301051
Latitude: 33.141628
Longitude: -117.193864
Status: Completed - Case Closed
Status Date: 02/11/1998
Case Worker: Not reported
RB Case Number: 9UT2285
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H10646-003
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0607301051
Action Type: Other
Date: 09/09/1992
Action: Leak Reported

Global Id: T0607301051
Action Type: Other
Date: 09/09/1992
Action: Leak Began

Global Id: T0607301051
Action Type: ENFORCEMENT
Date: 09/28/1992

SOLID WASTE SERVICES (Continued) **S104234424**

Action: Notice of Responsibility

Global Id: T0607301051
Action Type: Other
Date: 09/09/1992
Action: Leak Stopped

Global Id: T0607301051
Action Type: ENFORCEMENT
Date: 01/16/1998
Action: Closure/No Further Action Letter - #H10646-003

Global Id: T0607301051
Action Type: Other
Date: 09/09/1992
Action: Leak Discovery

LUST:
Global Id: T0607301051
Status: Open - Case Begin Date
Status Date: 09/09/1992

Global Id: T0607301051
Status: Completed - Case Closed
Status Date: 02/11/1998

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300258
Global Id: T0607300258
Latitude: 33.141628
Longitude: -117.193864
Status: Completed - Case Closed
Status Date: 02/11/1998
Case Worker: Not reported
RB Case Number: 9UT1425
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H10646-001
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0607300258
Action Type: Other
Date: 05/18/1989
Action: Leak Reported

Global Id: T0607300258
Action Type: Other
Date: 05/18/1989
Action: Leak Began

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Global Id: T0607300258
Action Type: ENFORCEMENT
Date: 05/22/1989
Action: Notice of Responsibility

Global Id: T0607300258
Action Type: Other
Date: 05/18/1989
Action: Leak Stopped

Global Id: T0607300258
Action Type: ENFORCEMENT
Date: 01/16/1998
Action: Closure/No Further Action Letter - #H10646-001

Global Id: T0607300258
Action Type: ENFORCEMENT
Date: 02/11/1998
Action: Closure/No Further Action Letter

Global Id: T0607300258
Action Type: Other
Date: 05/18/1989
Action: Leak Discovery

LUST:
Global Id: T0607300258
Status: Open - Case Begin Date
Status Date: 05/18/1989

Global Id: T0607300258
Status: Completed - Case Closed
Status Date: 02/11/1998

SAN DIEGO CO. SAM:
Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Case Number: H10646-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 2/11/1998
Date Began: 5/18/1989

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Case Number: H10646-003
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 2/11/1998

SOLID WASTE SERVICES (Continued) **S104234424**

Date Began: 9/9/1992

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Case Number: H10646-002
Agency: DEH Site Assessment & Mitigation
Funding: **Non Billable**
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 9/16/1992
Date Began: 12/18/1991

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Case Number: H10646-004
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 12/24/2008
Date Began: 9/9/1998

CPS-SLIC:
Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 09/16/1992
Global Id: T0608184522
Lead Agency: SAN DIEGO COUNTY LOP
Lead Agency Case Number: H10646-002
Latitude: 33.141628
Longitude: -117.193864
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: Not reported
File Location: Local Agency
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:

AST:
Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City/Zip: SAN MARCOS,92078
Certified Unified Program Agencies: Not reported
Owner: Edward Burr
Total Gallons: Not reported
CERSID: 10375948
Facility ID: 37-000-110646

SOLID WASTE SERVICES (Continued) **S104234424**

Business Name:	EDCO DISPOSAL CORPORATION
Phone:	760-744-2700
Fax:	Not reported
Mailing Address:	224 S LAS POSAS RD
Mailing Address City:	SAN MARCOS
Mailing Address State:	CA
Mailing Address Zip Code:	Not reported
Operator Name:	EDCO WASTE & RECYCLING SVC, INC
Operator Phone:	760-744-5615
Owner Phone:	619-287-7555
Owner Mail Address:	224 S Las Posas Rd
Owner State:	CA
Owner Zip Code:	92078
Owner Country:	United States
Property Owner Name:	FEDERAL BOULEVARD PROPERTIES L
Property Owner Phone:	Not reported
Property Owner Mailing Address:	6670 FEDERAL BLVD
Property Owner City:	LEMON GROVE
Property Owner Stat :	CA
Property Owner Zip Code:	91945
Property Owner Country:	United States
EPAID:	CAD054780051

Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City/Zip:	SAN MARCOS,
Certified Unified Program Agencies:	San Diego
Owner:	EDCO WASTE & RECYCLING SVC, INC
Total Gallons:	4825
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

SWRCY:

Name:	EDCO BUYBACK CENTER
Address:	224 S LAS POSAS RD

SOLID WASTE SERVICES (Continued) **S104234424**

City,State,Zip:	SAN MARCOS, CA 92078
Reg Id:	25118
Cert Id:	RC12179
Mailing Address:	224 S Las Posas Rd
Mailing City:	San Marcos
Mailing State:	CA
Mailing Zip Code:	92078
Website:	Not reported
Email:	rhill@edcodisposal.com
Phone Number:	(760) 744-5615x167
Rural:	N
Operation Begin Date:	05/03/2004
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Tue Closed; Wed - Sat 8:00 am - 4:00 pm; Sun Closed
Organization ID:	18929
Organization Name:	EDCO Disposal Corporation

HMMD SAN DIEGO:

Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAD054780051
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	760-744-2700
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	12/21/2021
Facility Owner:	Not reported
Facility Mailing Address:	224 S LAS POSAS RD, SAN MARCOS, CA 92078-2421
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5811950
Return To Compliance Date:	2018-02-02T00:00:00.000
Nov:	No
Violation Classification:	Class II

SOLID WASTE SERVICES (Continued) **S104234424**

Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2018-01-23T13:56:00.000
Violation Code:	HMD0152 +e-aFailed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. +e-aSDCC 68.904(a)(2)
Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5646965
Return To Compliance Date:	2017-02-17T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2017-01-25T15:59:00.000
Violation Code:	3130019 Failed to provide proper secondary containment and/or leak detection for hazardous waste tank system. 22 CCR 66265.193(a)
Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Aboveground Petroleum Storage Act
Inspection Type:	Routine
Inspection Number:	5646965
Return To Compliance Date:	2017-02-13T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2017-01-25T15:59:00.000
Violation Code:	4010027 Failure to restrain drainage from diked storage areas by valves to prevent discharge. (40 CFR 112.8(b)(1).) HSC 25270.4.5(a)
Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5811950
Return To Compliance Date:	2018-02-02T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2018-01-23T13:56:00.000
Violation Code:	1010006 Failed to update HMBP in CERS within 30 days of a substantial

SOLID WASTE SERVICES (Continued) **S104234424**

change to any portion of the HMBP, including inventory changes or facility information. HSC 25508.1(a-f); 19 CCR 2654(d); SDCC 68.904(c)(6)

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 5158582
Return To Compliance Date: 2015-01-30T00:00:00.000
Nov: No
Violation Classification: Not reported
Underground Storage Tank Id: 00
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2015-01-30T00:00:00.000
Violation Code: 2030003 Failure of the leak detection equipment to have an audible and visual alarm as required. 23 CCR 16 2632, 2634, 2636, 2666

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6801228
Return To Compliance Date: 2021-09-23T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2021-08-25T00:00:00.000
Violation Code: 3030058 Failed to mark date on empty container larger than 5 gallons &/or properly manage it within one year. 22 CCR 66261.7

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5206915
Return To Compliance Date: 2016-01-26T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2016-01-26T14:42:00.000
Violation Code: 3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f)

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed

SOLID WASTE SERVICES (Continued) **S104234424**

Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Aboveground Petroleum Storage Act
Inspection Type: Routine
Inspection Number: 5646965
Return To Compliance Date: 2017-02-15T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2017-01-25T15:59:00.000
Violation Code: 4010010 Failed to make SPCC plan technical amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facility's discharge potential. (40 CFR 112.5(a).) HSC 25270.4.5(a)

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6801228
Return To Compliance Date: 2021-09-23T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2021-08-25T00:00:00.000
Violation Code: 3130007 Failed to keep a hazardous waste container or portable tank closed. 22 CCR 66265.173(a)

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4902383
Return To Compliance Date: 2014-02-11T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2014-01-30T14:23:00.000
Violation Code: HMD0235 Did not accumulate waste in container or tank. 66262.34(a)(1).

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6801228

SOLID WASTE SERVICES (Continued) **S104234424**

Return To Compliance Date: 2021-09-23T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2021-08-25T00:00:00.000
Violation Code: 3130003 Failed to properly label/date hazardous waste container or portable tank. 22 CCR 66262.34(f), 66262.34(a)(2), 66262.34(a)(3)

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 4902383
Return To Compliance Date: 2014-02-11T00:00:00.000
Nov: No
Violation Classification: Not reported
Underground Storage Tank Id: 20866
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2014-01-30T14:23:00.000
Violation Code: 2010007 Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. 23 CCR 16 2711; 23 CCR 18 2808.1, 2809-2809.2; HSC 6.7 25292.2; HSC 6.75 25299.30-25299.34

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 5206915
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2016-01-26T14:42:00.000
Violation Code: 2030012 Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system. 23 CCR 16 2715(c)(6), 2715(f)

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Underground Storage Tank
Inspection Type: Routine

SOLID WASTE SERVICES (Continued) **S104234424**

Inspection Number:	5206915
Return To Compliance Date:	2016-01-26T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	20866
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2016-01-26T14:42:00.000
Violation Code:	2030036 (RP) Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90% full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30m before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95% of capacity; and activate an audible alarm at least 5m before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95% of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. 23 CCR 2635(b)(2), 2665

Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4902383
Return To Compliance Date:	2014-02-11T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2014-01-30T14:23:00.000
Violation Code:	3030018 Failure to properly close hazardous waste containers when not in active use.; 22 CCR 15 66265.173.

Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4902383
Return To Compliance Date:	2014-02-11T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2014-01-30T14:23:00.000
Violation Code:	3130003 RCRA: 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.; 22 CCR 12 66262.34(f).

SOLID WASTE SERVICES (Continued) **S104234424**

Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4902383
Return To Compliance Date:	2014-08-27T00:00:00.000
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2014-01-30T14:23:00.000
Violation Code:	1010006 Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material; Any handling of a previously undisclosed hazardous materials; A change of business address, business ownership, or business name; 19 CCR 4 2729.4(d); HSC 6.95 25505(b), 25510.

Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4902383
Return To Compliance Date:	2014-02-11T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2014-01-30T14:23:00.000
Violation Code:	3030029 Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 22 CCR 15 66265.195(a).

Record ID:	DEH2002-HUPFP-110646
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-110646
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4902383
Return To Compliance Date:	2014-02-11T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-21T00:00:00.000
Inspection Date:	2014-01-30T14:23:00.000
Violation Code:	HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).

Record ID:	DEH2002-HUPFP-110646

SOLID WASTE SERVICES (Continued) **S104234424**

Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 6801228
Return To Compliance Date: 2021-09-10T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2021-08-25T00:00:00.000
Violation Code: 3130006 Failed to accumulate hazardous waste in a lined or compatible container. 22 CCR 66265.172

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 5646965
Return To Compliance Date: 2017-02-17T00:00:00.000
Nov: No
Violation Classification: Minor
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-21T00:00:00.000
Inspection Date: 2017-01-25T15:59:00.000
Violation Code: 3110013 Failed to obtain and maintain a written assessment certified by an independent, qualified, registered professional engineer for the hazardous waste tank system. 22 CCR 66265.192(a), 66265.192(h), or 66265.191(a)

UST DTL:
Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-110646
Facility Type (Ust Facility): Other
Tank Owner Name: EDCO WASTE & RECYCLING SVC, INC
Tankid: 20866
Tank Status: Removed
Date Ust Permanently Closed: 11/30/2018
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2021-12-21T02:32:26.000
Tank Capacityin Gallons: 12000
Tank Contents: Diesel
Type Of Tank: Single Wall

Waste and Materials:
Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y

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Child Record Id: DEH2017-HCHEM-0133228
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168537
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168538
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Acetylene Gas
Common Name: Acetylene Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168539
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Common Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Case Number: 68649-42-3

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168540
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Ethylene Glycol
Common Name: Antifreeze
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168541
Trade Secret: N

SOLID WASTE SERVICES (Continued) **S104234424**

Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Water Reducible Paint
Common Name: Water Reducible Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168542
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Zymetech Disinfectant
Common Name: Car Wash Soap
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168543
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Methane Gas
Common Name: Compressed Natural Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168544
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168545
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168546
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-09T16:58:22.000

SOLID WASTE SERVICES (Continued) **S104234424**

Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142777
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Waste 221 Waste Oil & Mixed Oil
Common Name: Waste 221 Waste Oil & Mixed Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142778
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Waste 352 Organic Solids
Common Name: Contaminated Absorbent
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142779
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Waste 352 Organic Solids (Other)
Common Name: Waste Paint Booth Filters
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142780
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: WASTE 342 ORGANIC LIQUIDSW/METALS
Common Name: Antifreeze Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142782
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Waste 222 Waste Oil/Water Separator Sludge
Common Name: Waste 222 Waste Oil/Water Separator Sludge

SOLID WASTE SERVICES (Continued) **S104234424**

Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142783
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Alkaline Liquid
Common Name: Cleaner De-Greaser Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142784
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Waste Latex Paint
Common Name: Waste Latex Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142785
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Misc Aerosols
Common Name: Misc Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142786
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Safety Kleen Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211365
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Acetylene Gas
Common Name: Acetylene Gas
Case Number: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183594
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Misc Aerosols
Common Name: Misc Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211366
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Common Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Case Number: 68649-42-3

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211367
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Ethylene Glycol
Common Name: Antifreeze
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211368
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Water Reducible Paint
Common Name: Water Reducible Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211369
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Zymetech Disinfectant
Common Name: Car Wash Soap
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed

SOLID WASTE SERVICES (Continued) **S104234424**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211370
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Methane Gas
Common Name: Compressed Natural Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211371
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211372
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211373
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183586
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Waste 221 Waste Oil & Mixed Oil
Common Name: Waste 221 Waste Oil & Mixed Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183587

SOLID WASTE SERVICES (Continued) **S104234424**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Waste 352 Organic Solids
Common Name: Contaminated Absorbent
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183588
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Waste 352 Organic Solids (Other)
Common Name: Waste Paint Booth Filters
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183589
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: WASTE 342 ORGANIC LIQUIDSW/METALS
Common Name: Antifreeze Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183590
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Universal Waste
Common Name: Universal Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183591
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Waste 222 Waste Oil/Water Separator Sludge
Common Name: Waste 222 Waste Oil/Water Separator Sludge
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183592
Trade Secret: N
Hazardous Material Type: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Alkaline Liquid
Common Name: Cleaner De-Greaser Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183595
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Safety Kleen Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229396
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Universal Waste
Common Name: Universal Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258473
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Methane Gas
Common Name: Compressed Natural Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258474
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229392
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Waste 221 Waste Oil & Mixed Oil

SOLID WASTE SERVICES (Continued) **S104234424**

Common Name: Waste 221 Waste Oil & Mixed Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229393
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Waste 352 Organic Solids
Common Name: Contaminated Absorbent
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229395
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: WASTE 342 ORGANIC LIQUIDSW/METALS
Common Name: Antifreeze Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229397
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Waste 222 Waste Oil/Water Separator Sludge
Common Name: Waste 222 Waste Oil/Water Separator Sludge
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229398
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Alkaline Liquid
Common Name: Cleaner De-Greaser Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229399
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Waste Latex Paint
Common Name: Waste Latex Paint
Case Number: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229400
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Misc Aerosols
Common Name: Misc Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229401
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Safety Kleen Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193402
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193403
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Acetylene Gas
Common Name: Acetylene Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193404
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Common Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Case Number: 68649-42-3

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed

SOLID WASTE SERVICES (Continued) **S104234424**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193405
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Ethylene Glycol
Common Name: Antifreeze
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193406
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Water Reducible Paint
Common Name: Water Reducible Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193407
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Zymetech Disinfectant
Common Name: Car Wash Soap
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193408
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Methane Gas
Common Name: Compressed Natural Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193409
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193410

SOLID WASTE SERVICES (Continued) **S104234424**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0193411
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167151
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Waste 221 Waste Oil & Mixed Oil
Common Name: Waste 221 Waste Oil & Mixed Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167152
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Waste 352 Organic Solids
Common Name: Contaminated Absorbent
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167153
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Waste 352 Organic Solids (Other)
Common Name: Waste Paint Booth Filters
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167154
Trade Secret: N
Hazardous Material Type: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Last Updated: 2018-10-24T19:54:25.000
Chemical Name: WASTE 342 ORGANIC LIQUIDSW/METALS
Common Name: Antifreeze Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167155
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Universal Waste
Common Name: Universal Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167156
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Waste 222 Waste Oil/Water Separator Sludge
Common Name: Waste 222 Waste Oil/Water Separator Sludge
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167157
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Alkaline Liquid
Common Name: Cleaner De-Greaser Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167158
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Waste Latex Paint
Common Name: Waste Latex Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167159
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Misc Aerosols

SOLID WASTE SERVICES (Continued) **S104234424**

Common Name: Misc Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0167160
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-24T19:54:25.000
Chemical Name: Safety Kleen Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258468
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Acetylene Gas
Common Name: Acetylene Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258469
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Common Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Case Number: 68649-42-3

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258470
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Ethylene Glycol
Common Name: Antifreeze
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258471
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Water Reducible Paint
Common Name: Water Reducible Paint
Case Number: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258472
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Zymetech Disinfectant
Common Name: Car Wash Soap
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133219
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133220
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Acetylene Gas
Common Name: Acetylene Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133221
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Common Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Case Number: 68649-42-3

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133222
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Ethylene Glycol
Common Name: Antifreeze
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed

SOLID WASTE SERVICES (Continued) **S104234424**

Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133223
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Water Reducible Paint
Common Name: Water Reducible Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133224
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Zymetech Disinfectant
Common Name: Car Wash Soap
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133225
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Methane Gas
Common Name: Compressed Natural Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133226
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0133227
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111472

SOLID WASTE SERVICES (Continued) **S104234424**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Waste 221 Waste Oil & Mixed Oil
Common Name: Waste 221 Waste Oil & Mixed Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111473
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Waste 352 Organic Solids
Common Name: Contaminated Absorbent
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111474
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Waste 352 Organic Solids (Other)
Common Name: Waste Paint Booth Filters
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111475
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: WASTE 342 ORGANIC LIQUIDSW/METALS
Common Name: Antifreeze Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111476
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Universal Waste
Common Name: Universal Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111477
Trade Secret: N
Hazardous Material Type: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Waste 222 Waste Oil/Water Separator Sludge
Common Name: Waste 222 Waste Oil/Water Separator Sludge
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111478
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Alkaline Liquid
Common Name: Cleaner De-Greaser Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0111479
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-12-20T02:31:18.000
Chemical Name: Waste Latex Paint
Common Name: Waste Latex Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183593
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-13T02:34:38.000
Chemical Name: Waste Latex Paint
Common Name: Waste Latex Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205659
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Diesel Fuel
Common Name: Diesel Fuel
Case Number: 68476-34-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205660
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Acetylene Gas

SOLID WASTE SERVICES (Continued) **S104234424**

Common Name: Acetylene Gas
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205661
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Common Name: Engine Oil, Hydraulic Fluid, Gear Lube, Transmission Fluid
Case Number: 68649-42-3

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205662
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Ethylene Glycol
Common Name: Antifreeze
Case Number: 107-21-1

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205663
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Water Reducible Paint
Common Name: Water Reducible Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205664
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Zymetech Disinfectant
Common Name: Car Wash Soap
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205665
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Methane Gas
Common Name: Compressed Natural Gas
Case Number: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205666
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Carbon Dioxide
Common Name: Carbon Dioxide
Case Number: 124-38-9

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205667
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0205668
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-01-26T00:40:01.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177630
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Waste 221 Waste Oil & Mixed Oil
Common Name: Waste 221 Waste Oil & Mixed Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177631
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Waste 352 Organic Solids
Common Name: Contaminated Absorbent
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed

SOLID WASTE SERVICES (Continued) **S104234424**

Active Permit: Y
Child Record Id: DEH2019-HWAST-0177632
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Waste 352 Organic Solids (Other)
Common Name: Waste Paint Booth Filters
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177633
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: WASTE 342 ORGANIC LIQUIDSW/METALS
Common Name: Antifreeze Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177634
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Universal Waste
Common Name: Universal Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177635
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Waste 222 Waste Oil/Water Separator Sludge
Common Name: Waste 222 Waste Oil/Water Separator Sludge
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177636
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Alkaline Liquid
Common Name: Cleaner De-Greaser Waste
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177637

SOLID WASTE SERVICES (Continued) **S104234424**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Waste Latex Paint
Common Name: Waste Latex Paint
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177638
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Misc Aerosols
Common Name: Misc Aerosols
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0177639
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-01-26T00:40:03.000
Chemical Name: Safety Kleen Parts Washer
Common Name: Parts Washer
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258475
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0258476
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Oxygen
Common Name: Oxygen
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0229394
Trade Secret: N
Hazardous Material Type: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Last Updated: 2021-12-21T02:32:26.000
Chemical Name: Waste 352 Organic Solids (Other)
Common Name: Waste Paint Booth Filters
Case Number: Not reported

Record ID: DEH2002-HUPFP-110646
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142781
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-09T16:58:22.000
Chemical Name: Universal Waste
Common Name: Universal Waste
Case Number: Not reported

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 110646
Business Type: 6HK70
EPA Id Number: CAD054780051
APN: 219-140-14-00
Last HMMD Inspection: 01/31/2012
Facility Telephone: 760-744-2700
Permit Status: OPEN
Permit Expiration: 12/31/2012
Date Last Updated: 11/02/2012
Facility Owner: EDCO WASTE & RECYCLING SVC, INC
Facility Mailing Address: 224 S LAS POSAS RD
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078-2421
UST Owner: EDCO WASTE & RECYCLING SVC, INC
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: 382 EMUL-SOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE
Other Information: Not reported
Material Waste: Material

SOLID WASTE SERVICES (Continued) **S104234424**

Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 111-76-2
Name: BUTYL CELLOSOLVE
Other Information: ENAMAL, HI GLOSS:PAINT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: DEGREASER
Other Information: ENVIRO-SAFE #100
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 110646 T001
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE (TOTE AND DRUMS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 8012-95-1
Name: GEAR LUBRICANT/MOTOR OIL
Other Information: HYDRAULIC OIL/GEAR LUBRICANT/MOTOR OIL (5X55DM)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 74-98-9
Name: PROPANE
Other Information: LIQUID
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 110646
Update Date: 11/02/2012
Case Number: MIX
Name: R-625 LIMO SOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 67-64-1
Name: TCP 150 CLEAN SOL
Other Information: PAINT GUN CLEANER/ACETONE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: WASTE COOLANT, RECYCLES ON SITE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information: GLARIFIER SLUDGE (222)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: PAINT THINNER/SLUDGE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 291 LATEX WASTE
Other Information: LATEX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS
Other Information: AEROSOLS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CONTAMINATED ABSORBENT (352)
Material Waste: Waste

SOLID WASTE SERVICES (Continued) **S104234424**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: WASTE PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER) *
Other Information: WASTE GREASE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: FLOURESCENT TUBES, CRT'S, BATTERIES, TV'S
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: MIXTURE
Name: WATER REDUCIBLE PAINT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: ZEP-EZ
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Violations Active Permits:

Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/24/2007
Violation Code:	6HV0227
Violation:	HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation:	Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/24/2007
Violation Code:	6HV0407
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/24/2007
Violation Code:	6HV3192
Violation:	NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation:	Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3102
Violation:	OPER. PERMIT NOT CURRENT/ONSITE
Violation Citation:	Current Operating Permit not available at facility. 25284(a), 25286(a); 2712(i); 68.1003
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3114
Violation:	2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation:	Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3158
Violation:	ALL OPERATING CONDITIONS NOT MET
Violation Citation:	All permit operating conditions not met. 25284; 2712
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/20/2005

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Code: 6HV3159
Violation: MONITOR EQUIP NOT USED PER MANUFACTURER
Violation Citation: Monitoring equipment not installed, calibrated, operated, and/or maintained per manufacturer's instructions. 2637(b), 2641(j).
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3255
Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free. 2635(b)(1), 2636(a)(1)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3405
Violation: LLD DOESN'T DETECT 3.0 GPH OR EQUIVA
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING: OPTION 3-Line leak detector does not detect 3.0 gph or equivalent? 2636(f)(2)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/06/2010
Violation Code: 6HV1012
Violation: SPCC PLAN NOT PREPARED
Violation Citation: Spill Prevention Countermeasures & Control Plan not prepared as required. 25270.5 (c)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/06/2010
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/06/2010
Violation Code: 6HV3193
Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation: Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/06/2010
Violation Code: 6HV3152
Violation: ALL MAINT/MONITOR RECORDS NOT AVAILABLE

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Citation: All maintenance/monitoring/calibration/ repair records not available. 25293; 2712 (b)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/06/2010
Violation Code: 6HV3105
Violation: NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation: Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3104
Violation: FORMS A & B NOT AVAIL./SUBMITTED
Violation Citation: CUPA UST form(s) A and/or B not available/complete/submitted to HMD. 25286(a); 2711
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV0235
Violation: WASTE NOT ACCUMULATED IN CONTAINER/TANK
Violation Citation: Did not accumulate waste in container or tank. 66262.34(a)(1)
Activity: ACTIVE

SOLID WASTE SERVICES (Continued) **S104234424**

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV1601
Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV1605
Violation: NO DAILY TANK INSPECTION/LOG
Violation Citation: Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV0307
Violation: ILLEGAL DISPOSAL OF UNIVERSAL WASTE
Violation Citation: Disposal of universal waste to an unauthorized point. 25189.5(a); SQH:66273.11(a); LQH: 66273.31(a)
Activity: ACTIVE

Permit Number: 110646

SOLID WASTE SERVICES (Continued) **S104234424**

Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV1605
Violation: NO DAILY TANK INSPECTION/LOG
Violation Citation: Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/26/2006
Violation Code: 6HV0133
Violation: MANIFEST COPY NOT SENT TO DTSC
Violation Citation: Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/26/2006
Violation Code: 6HV0138
Violation: NO TSDF SIGNED MANIFEST ONSITE
Violation Citation: Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/26/2006
Violation Code: 6HV0201
Violation: WASTE CONTAINER NOT CLOSED
Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012

SOLID WASTE SERVICES (Continued) **S104234424**

Inspection Date: 01/26/2006
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 06/11/2003
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/10/2008
Violation Code: 6HV3105
Violation: NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation: Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/10/2008
Violation Code: 6HV3107
Violation: MONITORING PROCEDURES NOT AVAIL/TO HMD
Violation Citation: Monitoring procedures not available/complete/submitted to HMD 2632(b)& (d), 2634(d), 2641(h), 2711(a)(9)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/10/2008
Violation Code: 6HV3108
Violation: UST ER RESPONSE PLAN NOT COMPLETE/AVAIL
Violation Citation: Emergency Response Plan is not available/complete. 25289(b); 2632(b), 2634(e), 2641(h)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/15/2009
Violation Code: 6HV3193
Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation: Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/15/2009
Violation Code: 6HV3192

SOLID WASTE SERVICES (Continued) **S104234424**

Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/15/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 110646 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 110646
Tank Type: SINGLE WALL
Additional Id: RT1093, RT2470
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1983-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 110646 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 110646
Tank Type: SINGLE WALL
Additional Id: 001
Capacity Gallons: 750
UST Contents: Not reported
Other Content Info: MOTOR OIL
Reg Status: REMOVED
Remove Close Date: 1992-09-09 00:00:00
Year Installed: 1968-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 110646 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 110646
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 550
UST Contents: Not reported
Other Content Info: WASTE OIL

SOLID WASTE SERVICES (Continued) **S104234424**

Reg Status:	REMOVED
Remove Close Date:	1989-05-19 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	110646
Business Type:	6HK70
EPA Id Number:	CAD054780051
APN:	219-140-14-00
Last HMMD Inspection:	01/31/2012
Facility Telephone:	760-744-2700
Permit Status:	OPEN
Permit Expiration:	12/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	EDCO WASTE & RECYCLING SVC, INC
Facility Mailing Address:	224 S LAS POSAS RD
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078-2421
UST Owner:	EDCO WASTE & RECYCLING SVC, INC
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Y
Subject To APSA:	Y
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	110646
Update Date:	11/02/2012
Case Number:	Not reported
Name:	382 EMUL-SOL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	110646
Update Date:	11/02/2012
Case Number:	74-86-2
Name:	ACETYLENE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	110646
Update Date:	11/02/2012
Case Number:	7440-37-1
Name:	ARGON GAS

SOLID WASTE SERVICES (Continued) **S104234424**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 111-76-2
Name: BUTYL CELLOSOLVE
Other Information: ENAMAL, HI GLOSS:PAINT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: ACUTE

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: DEGREASER
Other Information: ENVIRO-SAFE #100
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 110646 T001
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE (TOTE AND DRUMS)
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 8012-95-1
Name: GEAR LUBRICANT/MOTOR OIL
Other Information: HYDRAULIC OIL/GEAR LUBRICANT/MOTOR OIL (5X55DM)
Material Waste: Material
Hazardous Categories 1: CHRONIC

SOLID WASTE SERVICES (Continued) **S104234424**

Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 74-98-9
Name: PROPANE
Other Information: LIQUID
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 110646
Update Date: 11/02/2012
Case Number: MIX
Name: R-625 LIMO SOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: 67-64-1
Name: TCP 150 CLEAN SOL
Other Information: PAINT GUN CLEANER/ACETONE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: PARTS CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: WASTE COOLANT, RECYCLES ON SITE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646

SOLID WASTE SERVICES (Continued) **S104234424**

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG
Other Information: GLARIFIER SLUDGE (222)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: PAINT THINNER/SLUDGE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 291 LATEX WASTE
Other Information: LATEX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS
Other Information: AEROSOLS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: CONTAMINATED ABSORBENT (352)
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)

SOLID WASTE SERVICES (Continued) **S104234424**

Other Information: WASTE PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER) *
Other Information: WASTE GREASE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 860 UNIVERSAL WASTE CRTS/LAMPS/BATTERIES/ETC
Other Information: FLOURESCENT TUBES, CRT'S, BATTERIES, TV'S
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: MIXTURE
Name: WATER REDUCIBLE PAINT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 110646
Update Date: 11/02/2012
Case Number: Not reported
Name: ZEP-EZ
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: CHRONIC
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/24/2007
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank.

SOLID WASTE SERVICES (Continued) **S104234424**

66262.34(f)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/24/2007
Violation Code: 6HV0407
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Employee training program for small quantity generator of hazardous waste is inadequate. CFR 262.34(d)(5)(iii)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/24/2007
Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3102
Violation: OPER. PERMIT NOT CURRENT/ONSITE
Violation Citation: Current Operating Permit not available at facility. 25284(a), 25286(a); 2712(i); 68.1003
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3114
Violation: 2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation: Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3158
Violation: ALL OPERATING CONDITIONS NOT MET
Violation Citation: All permit operating conditions not met. 25284; 2712
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3159
Violation: MONITOR EQUIP NOT USED PER MANUFACTURER
Violation Citation: Monitoring equipment not installed, calibrated, operated, and/or maintained per manufacturer's instructions. 2637(b), 2641(j).
Activity: ACTIVE

Permit Number: 110646

SOLID WASTE SERVICES (Continued) **S104234424**

Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3255
Violation:	SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation:	Spill container is not in good condition and/or liquid free. 2635(b)(1), 2636(a)(1)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3405
Violation:	LLD DOESN'T DETECT 3.0 GPH OR EQUIVA
Violation Citation:	DOUBLE WALLED PRESSURIZED PIPING: OPTION 3-Line leak detector does not detect 3.0 gph or equivalent? 2636(f)(2)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/06/2010
Violation Code:	6HV1012
Violation:	SPCC PLAN NOT PREPARED
Violation Citation:	Spill Prevention Countermeasures & Control Plan not prepared as required. 25270.5 (c)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/06/2010
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/06/2010
Violation Code:	6HV3193
Violation:	NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation:	Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/06/2010
Violation Code:	6HV3152
Violation:	ALL MAINT/MONITOR RECORDS NOT AVAILABLE
Violation Citation:	All maintenance/monitoring/calibration/ repair records not available. 25293; 2712 (b)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/06/2010

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Code: 6HV3105
Violation: NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation: Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3104
Violation: FORMS A & B NOT AVAIL./SUBMITTED
Violation Citation: CUPA UST form(s) A and/or B not available/complete/submitted to HMD. 25286(a); 2711
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV0235
Violation: WASTE NOT ACCUMULATED IN CONTAINER/TANK
Violation Citation: Did not accumulate waste in container or tank. 66262.34(a)(1)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/12/2011
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance

SOLID WASTE SERVICES (Continued) **S104234424**

	with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/12/2011
Violation Code:	6HV1601
Violation:	HAZWASTE TANKS W/O P.E. ASSESSMENT
Violation Citation:	Failed to obtain a P.E. assessment for hazardous waste tank system. 66265.191(a) or 66265.192(a)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/12/2011
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/31/2012
Violation Code:	6HV1009
Violation:	HMBP: INADEQUATE SITE MAP
Violation Citation:	Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/31/2012
Violation Code:	6HV1018
Violation:	INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation:	Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/31/2012
Violation Code:	6HV0307
Violation:	ILLEGAL DISPOSAL OF UNIVERSAL WASTE
Violation Citation:	Disposal of universal waste to an unauthorized point. 25189.5(a); SQH:66273.11(a); LQH: 66273.31(a)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/31/2012
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)

SOLID WASTE SERVICES (Continued) **S104234424**

Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/31/2012
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/31/2012
Violation Code:	6HV1605
Violation:	NO DAILY TANK INSPECTION/LOG
Violation Citation:	Failed to inspect and/or document daily HW tank system inspections. 66265.195 (c)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/26/2006
Violation Code:	6HV0133
Violation:	MANIFEST COPY NOT SENT TO DTSC
Violation Citation:	Generator of hazardous waste has not sent the appropriate copy of the manifest to DTSC/Cal-EPA. CCR 66262.23(a)(4)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/26/2006
Violation Code:	6HV0138
Violation:	NO TSDF SIGNED MANIFEST ONSITE
Violation Citation:	Generator has not maintained the required signed copy of the hazardous waste manifest from the TSD facility on site for review. CCR 66262.40(a)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/26/2006
Violation Code:	6HV0201
Violation:	WASTE CONTAINER NOT CLOSED
Violation Citation:	Hazardous waste containers are not kept closed while in storage. CCR 66265.173(a)
Activity:	ACTIVE
Permit Number:	110646
Update Date:	11/02/2012
Inspection Date:	01/26/2006
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

SOLID WASTE SERVICES (Continued) **S104234424**

Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 06/11/2003
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/10/2008
Violation Code: 6HV3105
Violation: NO CURRENT FINANCIAL RESPONSIBILITY
Violation Citation: Current evidence of financial responsibility not available. 25292.2(a), 25299.33; 2809
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/10/2008
Violation Code: 6HV3107
Violation: MONITORING PROCEDURES NOT AVAIL/TO HMD
Violation Citation: Monitoring procedures not available/complete/submitted to HMD 2632(b)& (d), 2634(d), 2641(h), 2711(a)(9)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/10/2008
Violation Code: 6HV3108
Violation: UST ER RESPONSE PLAN NOT COMPLETE/AVAIL
Violation Citation: Emergency Response Plan is not available/complete. 25289(b); 2632(b), 2634(e), 2641(h)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/15/2009
Violation Code: 6HV3193
Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation: Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity: ACTIVE

Permit Number: 110646
Update Date: 11/02/2012
Inspection Date: 01/15/2009
Violation Code: 6HV3192
Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS
Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or DO inspection reports not onsite 2715 (c)(d)(e)
Activity: ACTIVE

Permit Number: 110646

SOLID WASTE SERVICES (Continued) **S104234424**

Update Date: 11/02/2012
Inspection Date: 01/15/2009
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 110646 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 110646
Tank Type: SINGLE WALL
Additional Id: RT1093, RT2470
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1983-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 15
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ SHUTOFF AND ALARM ON LLD AND CERTIFIED ATG: IN-TANK TEST MONTHLY

UST Name: UNDERGROUND TANK 110646 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 110646
Tank Type: SINGLE WALL
Additional Id: 001
Capacity Gallons: 750
UST Contents: Not reported
Other Content Info: MOTOR OIL
Reg Status: REMOVED
Remove Close Date: 1992-09-09 00:00:00
Year Installed: 1968-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 110646 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 110646
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 550
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 1989-05-19 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90

SOLID WASTE SERVICES (Continued) **S104234424**

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

CERS HAZ WASTE:
Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 27461
CERS ID: 10375948
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: SOLID WASTE SERVICES
Address: 224 S LAS POSAS RD
City: SAN MARCOS
Status: Not reported
Comp Number: 10646
Number: Not reported
Board Of Equalization: 44-022480
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-010646-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: 1

Name: SOLID WASTE SERVICES
Address: 224 S LAS POSAS RD
City: SAN MARCOS
Status: Active
Comp Number: 10646
Number: 9
Board Of Equalization: 44-022480
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-010646-000001
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 2

Name: SOLID WASTE SERVICES
Address: 224 S LAS POSAS RD
City: SAN MARCOS

SOLID WASTE SERVICES (Continued) **S104234424**

Status: Active
Comp Number: 10646
Number: 9
Board Of Equalization: 44-022480
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-010646-000003
Tank Status: A
Capacity: 750
Active Date: Not reported
Tank Use: OIL
STG: P
Content: Not reported
Number Of Tanks: Not reported

CERS TANKS:
Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 27461
CERS ID: 10375948
CERS Description: Aboveground Petroleum Storage

CORTESE:
Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607300258
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: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 920691423
Region: CORTESE
Envirostor Id: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Global ID:	T0607302493
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:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 920691423
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607301051
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:	EDCO WASTE & RECYCLING SERVICES
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92078
Facility Status:	Active
NPDES Number:	CAS000001
Region:	9
Agency Number:	0
Regulatory Measure ID:	218154
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	9 37I000430

SOLID WASTE SERVICES (Continued) **S104234424**

Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/13/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	224 S Las Posas Rd
Discharge Name:	EDCO Waste Recycling
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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:	9
Regulatory Measure ID:	218154
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I000430
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:	03/13/1992
Status:	Active
Status Date:	03/13/1992
Place Size:	10
Place Size Unit:	Acres
Contact:	Lisa Tucker
Contact Title:	EHS Manager
Contact Phone:	760-744-5615
Contact Phone Ext:	148
Contact Email:	ltucker@edcodisposal.com
Operator Name:	EDCO Waste Recycling
Operator Address:	224 S Las Posas Rd
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Operator Contact:	Lisa Tucker
Operator Contact Title:	EHS Manager
Operator Contact Phone:	760-744-5615

SOLID WASTE SERVICES (Continued) **S104234424**

Operator Contact Phone Ext:	148
Operator Contact Email:	ltucker@edcodisposal.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:	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:	Lake San Marcos
Certifier:	Steve South
Certifier Title:	CEO
Certification Date:	25-JUN-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	218154
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37I000430
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/13/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	EDCO Waste Recycling
Discharge Address:	224 S Las Posas Rd
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078

SOLID WASTE SERVICES (Continued) **S104234424**

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
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

SOLID WASTE SERVICES (Continued) **S104234424**

Name:	EDCO WASTE & RECYCLING SERVICES
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37I000430
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:	03/13/1992
Operator Name:	EDCO Waste Recycling
Operator Address:	224 S Las Posas Rd
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	218154
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37I000430
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:	03/13/1992
Status:	Active
Status Date:	03/13/1992
Place Size:	10
Place Size Unit:	Acres
Contact:	Lisa Tucker
Contact Title:	EHS Manager

SOLID WASTE SERVICES (Continued) **S104234424**

Contact Phone:	760-744-5615
Contact Phone Ext:	148
Contact Email:	ltucker@edcodisposal.com
Operator Name:	EDCO Waste Recycling
Operator Address:	224 S Las Posas Rd
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Operator Contact:	Lisa Tucker
Operator Contact Title:	EHS Manager
Operator Contact Phone:	760-744-5615
Operator Contact Phone Ext:	148
Operator Contact Email:	ltucker@edcodisposal.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:	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:	Lake San Marcos
Certifier:	Steve South
Certifier Title:	CEO
Certification Date:	25-JUN-15
Primary Sic:	4953-Refuse Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	218154
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

WDID:	9 37I000430
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/13/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	EDCO Waste Recycling
Discharge Address:	224 S Las Posas Rd
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

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

SAN DIEGO CO LOP:

Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1998-LSAM-H10646-004
Record Status:	Completed
Opened Date:	09/09/1998
Parcel Number:	219-140-14-00
Case Type:	LOP - Local Oversight Program
Historical Name:	MASHBURN WASTE
SWRCB Global ID:	T0607302493
Funding:	S - LOP State Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	09/10/1998
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1421191
Longitude:	-117.1927671
X MapCoord:	6273099.506
Y MapCoord:	1996663.820

Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1991-LSAM-H10646-002
Record Status:	Completed
Opened Date:	12/18/1991
Parcel Number:	219-140-14-00
Case Type:	FIT - Failed Integrity Test
Historical Name:	SOILD WASTE SERVICES INC.
SWRCB Global ID:	T0608184522
Funding:	N - Non-Billable
Lead Agency:	DEH/SAM
Lead Agency Date:	12/18/1991
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1421191

SOLID WASTE SERVICES (Continued) **S104234424**

Longitude:	-117.1927671
X MapCoord:	6273099.506
Y MapCoord:	1996663.820
Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1989-LSAM-H10646-001
Record Status:	Completed
Opened Date:	05/18/1989
Parcel Number:	219-140-14-00
Case Type:	LOP - Local Oversight Program
Historical Name:	MASHBURN SANITATION
SWRCB Global ID:	T0607300258
Funding:	F - LOP Federal Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	05/18/1989
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1421191
Longitude:	-117.1927671
X MapCoord:	6273099.506
Y MapCoord:	1996663.820
Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1992-LSAM-H10646-003
Record Status:	Completed
Opened Date:	09/09/1992
Parcel Number:	219-140-14-00
Case Type:	LOP - Local Oversight Program
Historical Name:	MASHBURN SANITAION CO
SWRCB Global ID:	T0607301051
Funding:	F - LOP Federal Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	09/28/1992
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1421191
Longitude:	-117.1927671
X MapCoord:	6273099.506
Y MapCoord:	1996663.820

CIWQS:

Name:	EDCO WASTE & RECYCLING SERVICES
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	EDCO Waste Recycling

SOLID WASTE SERVICES (Continued) **S104234424**

Agency Address:	224 S Las Posas Rd, San Marcos, CA 92078
Place/Project Type:	Industrial - Refuse Systems
SIC/NAICS:	4953
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37I000430
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/13/1992
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:	0
Violations within 5 years:	0
Latitude:	33.14148
Longitude:	-117.1924

CERS:

Name:	EDCO CDI RECYCLING
Address:	224 S. LAS POSAS ROAD
City,State,Zip:	SAN MARCOS, CA
Site ID:	508421
CERS ID:	37-AA-0953
CERS Description:	Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc:	Legal Owner
Entity Name:	Federal Boulevard Properties
Entity Title:	Not reported
Affiliation Address:	Steven South, Chief Operaing Officer6670 Federal Boulevard
Affiliation City:	Lemon Grove
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91945
Affiliation Phone:	6192873532,

Affiliation Type Desc:	Legal Operator
Entity Name:	EDCO Waste and Recycling Services
Entity Title:	Not reported
Affiliation Address:	Jeffery Ritchie224 S. Las Posas Road
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	7607442700,

Name:	EDCO WASTE & RECYCLING SERVICE
Address:	224 S LAS POSAS RD
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	27461

SOLID WASTE SERVICES (Continued) **S104234424**

CERS ID: 10375948
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 discuss in the SPCC Plan facility drainage or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for the control of a discharge.
Violation Notes: Returned to compliance on 02/13/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation."
Violation Notes: Returned to compliance on 02/15/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Returned to compliance on 02/17/2017.
Violation Division: San Diego County Department of Env Health

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-23-2018
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 02/02/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 02/17/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 01/26/2016.
Violation Division: San Diego County Department of Env Health

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
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 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 02/11/2014. Inspection Sequence ID:4902383
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
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 01/26/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Tank ID:20866;Violation Description:Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. 23 CCR 16 2711; 23 CCR 18 2808.1, 2809-2809.2; HSC 6.7 25292.2; HSC 6.75 25299.30-25299.34
Violation Division: San Diego County Department of Env Health
Violation Program: UST

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
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 02/11/2014. Inspection Sequence ID:4902383
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
Citation: 22 CCR 15 66265.172 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.172
Violation Description: Failure to accumulate or store hazardous waste in container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
Violation Notes: Returned to compliance on 09/10/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0235 Did not accumulate waste in container or tank. 66262.34(a)(1).
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 01/30/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter

SOLID WASTE SERVICES (Continued) **S104234424**

16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes: Returned to compliance on 01/29/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures 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

SOLID WASTE SERVICES (Continued) **S104234424**

(e)(2) or (e)(3) of 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

SOLID WASTE SERVICES (Continued) **S104234424**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5158582
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6408415
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6801228
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 27461
Facility Name: EDCO WASTE & RECYCLING SERVICE
Env Int Type Code: HWG
Program ID: 10375948
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.141400
Longitude: -117.193680

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: EDWARD BURR
Entity Title: Not reported
Affiliation Address: 224 S Las Posas Rd
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Ricardo Osunabaez
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: FEDERAL BOULEVARD PROPERTIES L
Entity Title: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation Address:	6670 FEDERAL BLVD
Affiliation City:	LEMON GROVE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91945
Affiliation Phone:	(619) 287-7555,
Affiliation Type Desc:	Document Preparer
Entity Name:	Lucia Gomez
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:	,
Affiliation Type Desc:	Operator
Entity Name:	EDCO WASTE & RECYCLING SVC, 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:	(760) 744-5615,
Affiliation Type Desc:	Parent Corporation
Entity Name:	EDCO DISPOSAL CORPORATION
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	224 S LAS POSAS RD
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078-2421
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Ricardo Osunabaez
Entity Title:	EHS Director
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

SOLID WASTE SERVICES (Continued) **S104234424**

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 27461
CERS ID: T0607301051
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 discuss in the SPCC Plan facility drainage or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for the control of a discharge.
Violation Notes: Returned to compliance on 02/13/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation."
Violation Notes: Returned to compliance on 02/15/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Returned to compliance on 02/17/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-23-2018
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 02/02/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 02/17/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that

SOLID WASTE SERVICES (Continued) **S104234424**

	none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes:	Returned to compliance on 01/26/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
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 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 02/11/2014. Inspection Sequence ID:4902383
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-26-2016
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 01/26/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Tank ID:20866;Violation Description:Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. 23 CCR 16

SOLID WASTE SERVICES (Continued) **S104234424**

	2711; 23 CCR 18 2808.1, 2809-2809.2; HSC 6.7 25292.2; HSC 6.75 25299.30-25299.34
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
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 02/11/2014. Inspection Sequence ID:4902383
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	08-25-2021
Citation:	22 CCR 15 66265.172 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.172
Violation Description:	Failure to accumulate or store hazardous waste in container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
Violation Notes:	Returned to compliance on 09/10/2021. Inspection Sequence ID:6801228
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0235 Did not accumulate waste in container or tank. 66262.34(a)(1).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2015
Citation:	23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 01/30/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

SOLID WASTE SERVICES (Continued) **S104234424**

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes: Returned to compliance on 01/29/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a

SOLID WASTE SERVICES (Continued) **S104234424**

person who reconditions or re-manufactures 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 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5158582
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6408415
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: UST

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6801228
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 27461
Facility Name: EDCO WASTE & RECYCLING SERVICE
Env Int Type Code: HWG
Program ID: 10375948
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.141400
Longitude: -117.193680

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: EDWARD BURR
Entity Title: Not reported
Affiliation Address: 224 S Las Posas Rd
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Ricardo Osunabaez
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: FEDERAL BOULEVARD PROPERTIES L
Entity Title: Not reported
Affiliation Address: 6670 FEDERAL BLVD
Affiliation City: LEMON GROVE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91945
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: Document Preparer
Entity Name: Lucia Gomez
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: ,

Affiliation Type Desc: Operator
Entity Name: EDCO WASTE & RECYCLING SVC, 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: (760) 744-5615,

Affiliation Type Desc: Parent Corporation
Entity Name: EDCO DISPOSAL CORPORATION
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: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ricardo Osunabaez
Entity Title: EHS Director
Affiliation Address: Not reported
Affiliation City: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 27461
CERS ID: T0607302493
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 discuss in the SPCC Plan facility drainage or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for the control of a discharge.
Violation Notes: Returned to compliance on 02/13/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation."
Violation Notes: Returned to compliance on 02/15/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

SOLID WASTE SERVICES (Continued) **S104234424**

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Returned to compliance on 02/17/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-23-2018
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 02/02/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 02/17/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the

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	restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes:	Returned to compliance on 01/26/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
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 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 02/11/2014. Inspection Sequence ID:4902383
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-26-2016
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 01/26/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of

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	Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Tank ID:20866;Violation Description:Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. 23 CCR 16 2711; 23 CCR 18 2808.1, 2809-2809.2; HSC 6.7 25292.2; HSC 6.75 25299.30-25299.34
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
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 02/11/2014. Inspection Sequence ID:4902383
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	08-25-2021
Citation:	22 CCR 15 66265.172 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.172
Violation Description:	Failure to accumulate or store hazardous waste in container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
Violation Notes:	Returned to compliance on 09/10/2021. Inspection Sequence ID:6801228
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0235 Did not accumulate waste in container or tank. 66262.34(a)(1).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2015
Citation:	23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.

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Violation Notes: Returned to compliance on 01/30/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes: Returned to compliance on 01/29/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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

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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 re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures 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 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

SOLID WASTE SERVICES (Continued) **S104234424**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5158582
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6408415
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6801228
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health

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Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 27461
Facility Name: EDCO WASTE & RECYCLING SERVICE
Env Int Type Code: HWG
Program ID: 10375948
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.141400
Longitude: -117.193680

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: EDWARD BURR
Entity Title: Not reported
Affiliation Address: 224 S Las Posas Rd
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Ricardo Osunabaez
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: FEDERAL BOULEVARD PROPERTIES L
Entity Title: Not reported
Affiliation Address: 6670 FEDERAL BLVD
Affiliation City: LEMON GROVE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91945
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: Document Preparer
Entity Name: Lucia Gomez
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: ,

Affiliation Type Desc: Operator
Entity Name: EDCO WASTE & RECYCLING SVC, 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: (760) 744-5615,

Affiliation Type Desc: Parent Corporation
Entity Name: EDCO DISPOSAL CORPORATION
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: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer

SOLID WASTE SERVICES (Continued) **S104234424**

Entity Name: Ricardo Osunabaez
Entity Title: EHS Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 27461
CERS ID: T0608184522
CERS Description: Cleanup Program Site

Violations:
Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 discuss in the SPCC Plan facility drainage or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for the control of a discharge.
Violation Notes: Returned to compliance on 02/13/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation."

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Violation Notes: Returned to compliance on 02/15/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
Citation: 22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description: Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: Returned to compliance on 02/17/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-23-2018
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 02/02/2018.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 02/17/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665

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Violation Description:	Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes:	Returned to compliance on 01/26/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
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 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 02/11/2014. Inspection Sequence ID:4902383
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-26-2016
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 01/26/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461

SOLID WASTE SERVICES (Continued) **S104234424**

Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Tank ID:20866;Violation Description:Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. 23 CCR 16 2711; 23 CCR 18 2808.1, 2809-2809.2; HSC 6.7 25292.2; HSC 6.75 25299.30-25299.34
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
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 02/11/2014. Inspection Sequence ID:4902383
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
Citation: 22 CCR 15 66265.172 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.172
Violation Description: Failure to accumulate or store hazardous waste in container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
Violation Notes: Returned to compliance on 09/10/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0235 Did not accumulate waste in container or tank. 66262.34(a)(1).
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Date:	01-30-2015
Citation:	23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 01/30/2015.
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-26-2016
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes:	Returned to compliance on 01/29/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-30-2014
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	Haz Waste Generator Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Date: 08-25-2021
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 re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures 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 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5158582
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6408415
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6801228
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

SOLID WASTE SERVICES (Continued) **S104234424**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 27461
Facility Name: EDCO WASTE & RECYCLING SERVICE
Env Int Type Code: HWG
Program ID: 10375948
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.141400
Longitude: -117.193680

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: EDWARD BURR
Entity Title: Not reported
Affiliation Address: 224 S Las Posas Rd
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Environmental Contact
Entity Name: Ricardo Osunabaez
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421
Affiliation Phone: ,

Affiliation Type Desc: Property Owner
Entity Name: FEDERAL BOULEVARD PROPERTIES L
Entity Title: Not reported
Affiliation Address: 6670 FEDERAL BLVD
Affiliation City: LEMON GROVE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91945
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: Document Preparer
Entity Name: Lucia Gomez
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: ,

Affiliation Type Desc: Operator
Entity Name: EDCO WASTE & RECYCLING SVC, 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: (760) 744-5615,

Affiliation Type Desc: Parent Corporation
Entity Name: EDCO DISPOSAL CORPORATION
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: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD
Affiliation City: SAN MARCOS

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ricardo Osunabaez
Entity Title: EHS Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EDCO WASTE & RECYCLING SERVICE
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 27461
CERS ID: T0607300258
CERS Description: Leaking Underground Storage Tank Cleanup Site

Violations:
Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
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 discuss in the SPCC Plan facility drainage or drainage controls such as secondary containment around containers and other structures, equipment, and procedures for the control of a discharge.
Violation Notes: Returned to compliance on 02/13/2017.
Violation Division: San Diego County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-25-2017
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

SOLID WASTE SERVICES (Continued) **S104234424**

	6.67, Section(s) 25270.4.5(a)
Violation Description:	"Failure to amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation."
Violation Notes:	Returned to compliance on 02/15/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-25-2017
Citation:	22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description:	Failure to meet required secondary containment requirements for hazardous waste tank systems or components.
Violation Notes:	Returned to compliance on 02/17/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-23-2018
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 02/02/2018.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	27461
Site Name:	EDCO WASTE & RECYCLING SERVICE
Violation Date:	01-25-2017
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 02/17/2017.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

SOLID WASTE SERVICES (Continued) **S104234424**

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or 2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 01/26/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
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 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 02/11/2014. Inspection Sequence ID:4902383
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
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 01/26/2016.

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Tank ID:20866;Violation Description:Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance. 23 CCR 16 2711; 23 CCR 18 2808.1, 2809-2809.2; HSC 6.7 25292.2; HSC 6.75 25299.30-25299.34
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
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 02/11/2014. Inspection Sequence ID:4902383
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
Citation: 22 CCR 15 66265.172 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.172
Violation Description: Failure to accumulate or store hazardous waste in container made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored, so that the ability of the container to contain the waste is not impaired.
Violation Notes: Returned to compliance on 09/10/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0235 Did not accumulate waste in container or tank. 66262.34(a)(1).
Violation Division: San Diego County Department of Env Health

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 01/30/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-26-2016
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description: Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months and/or train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire and/or to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.
Violation Notes: Returned to compliance on 01/29/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 01-30-2014
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 02/11/2014. Inspection Sequence ID:4902383;Violation:HMD0138 Manifest signed by the Treatment, Storage, Disposal Facility (TSDF) not available for inspection. 66262.40(a).
Violation Division: San Diego County Department of Env Health

SOLID WASTE SERVICES (Continued) **S104234424**

Violation Program: HW
Violation Source: CERS,

Site ID: 27461
Site Name: EDCO WASTE & RECYCLING SERVICE
Violation Date: 08-25-2021
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 re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures 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 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 09/23/2021. Inspection Sequence ID:6801228
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: UST

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Oglesby Margaret Inspection ID:5158582
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6408415
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6801228
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5811950
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-25-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5646965
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5206915
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:4902383
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 27461
Facility Name: EDCO WASTE & RECYCLING SERVICE
Env Int Type Code: HWG
Program ID: 10375948
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.141400
Longitude: -117.193680

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: EDWARD BURR
Entity Title: Not reported
Affiliation Address: 224 S Las Posas Rd
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (619) 287-7555,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ricardo Osunabaez
Entity Title:	Not reported
Affiliation Address:	224 S LAS POSAS RD
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078-2421
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	FEDERAL BOULEVARD PROPERTIES L
Entity Title:	Not reported
Affiliation Address:	6670 FEDERAL BLVD
Affiliation City:	LEMON GROVE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91945
Affiliation Phone:	(619) 287-7555,
Affiliation Type Desc:	Document Preparer
Entity Name:	Lucia Gomez
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:	,
Affiliation Type Desc:	Operator
Entity Name:	EDCO WASTE & RECYCLING SVC, 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:	(760) 744-5615,
Affiliation Type Desc:	Parent Corporation
Entity Name:	EDCO DISPOSAL CORPORATION
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:	,

SOLID WASTE SERVICES (Continued) **S104234424**

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 224 S LAS POSAS RD
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078-2421
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ricardo Osunabaez
Entity Title: EHS Director
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: EDCO WASTE & RECYCLING SERVICES
Address: 224 S LAS POSAS RD
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 531116
CERS ID: 239734
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Violation Date: 02-27-2002
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Section A. SWPPP: incomplete site map and deficient BMPs- uncovered and uncontained drums of oil, oil stains on the ground, and broken glass.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Violation Date: 07-02-2002
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: Non-submittal of 2001-2002 annual report.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Violation Date: 11-16-2004
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: Failure to develop SWPPP, failure to develop and implement SWPPP BMP’s and maintain copies of these docs onsite. Poor housekeeping-

SOLID WASTE SERVICES (Continued) **S104234424**

antifreeze spilled at covered storm drain in front of maintenance garage.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Violation Date: 02-27-2002
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Section B. MPRR: the facility had incomplete or missing sampling records. See Tetra Tech report for more details.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Violation Date: 06-12-2002
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Section A. SWPPP: Deficient BMPs - leak prevention, improve source control and potential source evaluation. Inadequate site map.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Violation Date: 07-01-2011
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit 2010/2011 IGP Annual Report by July 1, 2011.
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Violation Date: 03-21-2003
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient BMP Implementation
Violation Notes: Failure to obtain coverage under the storm water permit, facility yard has several oil stains, oily residues, and trash in several areas of the yard. JRP 4/7/03
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS,

Evaluation:
Eval General Type: Case Development Inspection
Eval Date: 03-21-2003
Violations Found: No
Eval Type: Industrial Storm Water Enforcement Follow-up
Eval Notes: Not reported
Eval Division: Water Boards

SOLID WASTE SERVICES (Continued) **S104234424**

Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2002
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-16-2004
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-10-2010
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: Recently inspected by D-Max Eng.; SWPPP reviewed-OK; advised to improve housekeeping to remove kitty litter; must also do sampling at metal, glass and fiberboard area to meet permit requirements. Additional information is required from 2009-2010 AR to show sampling done as requested.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Case Development Inspection
Eval Date: 06-12-2002
Violations Found: No
Eval Type: Industrial Storm Water Enforcement Follow-up
Eval Notes: Not reported
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Eval General Type: Case Development Inspection
Eval Date: 09-20-2012
Violations Found: No
Eval Type: Industrial Storm Water Enforcement Follow-up
Eval Notes: Mashburn Waste & Recycling Service was purchased by EDCO about 10 years ago. EDCO submitted 2011-2012 Annual Report for facility.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS,

Enforcement Action:
Site ID: 531116
Site Name: EDCO Waste & Recycling Services
Site Address: 224 S LAS POSAS RD

SOLID WASTE SERVICES (Continued) **S104234424**

Site City:	SAN MARCOS
Site Zip:	92078
Enf Action Date:	02-04-2005
Enf Action Type:	Notice of Violation
Enf Action Description:	Notice of Violation
Enf Action Notes:	Failure to develop SWPPP, failure to develop and implement SWPPP BMP's and maintain copies of these docs onsite. Poor housekeeping-antifreeze spilled at covered storm drain in front of maintenance garage.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,
Site ID:	531116
Site Name:	EDCO Waste & Recycling Services
Site Address:	224 S LAS POSAS RD
Site City:	SAN MARCOS
Site Zip:	92078
Enf Action Date:	03-21-2003
Enf Action Type:	Notice to Comply
Enf Action Description:	Notice to Comply
Enf Action Notes:	Issued fro violations including deficient BMPS, and failure to obtain permit. Corrective action report due 4/21/03. JRP 4/7/03
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,
Site ID:	531116
Site Name:	EDCO Waste & Recycling Services
Site Address:	224 S LAS POSAS RD
Site City:	SAN MARCOS
Site Zip:	92078
Enf Action Date:	06-12-2002
Enf Action Type:	Notice to Comply
Enf Action Description:	Notice to Comply
Enf Action Notes:	6-12-03 follow-up inspection of Tetra Tech's 2-27-02 inspection. NTC required submittal of report of correction by 7/1702 to include info on revised SWPPP and monitoring programs to address corrections.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,
Site ID:	531116
Site Name:	EDCO Waste & Recycling Services
Site Address:	224 S LAS POSAS RD
Site City:	SAN MARCOS
Site Zip:	92078
Enf Action Date:	07-02-2002
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	Non-submittal of 2001-2002 annual report
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,
Site ID:	531116
Site Name:	EDCO Waste & Recycling Services

SOLID WASTE SERVICES (Continued) **S104234424**

Site Address:	224 S LAS POSAS RD
Site City:	SAN MARCOS
Site Zip:	92078
Enf Action Date:	07-04-2011
Enf Action Type:	Notice of Violation
Enf Action Description:	Notice of Violation
Enf Action Notes:	Failure to submit 2010/2011 IGP Annual Report by July 1, 2011.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS,

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	EDCO Waste Recycling
Entity Title:	Operator
Affiliation Address:	224 S Las Posas Rd
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Q89 **CLARENCE OCHS,INC.** **LUST** **S104160451**
North **145 VIA VERA CRUZ** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.321 mi.
1697 ft. **Site 3 of 5 in cluster Q**

Relative: **Higher**

Actual: **540 ft.**

LUST REG 9:

Region:	9
Status:	Preliminary site assessment underway
Case Number:	9UT3651
Local Case:	H05072-001
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Local Agency:	San Diego
How Found:	Other Means
How Stopped:	Not reported
Source:	Unknown
Cause:	Unknown
Lead Agency:	Local Agency
Case Type:	Other ground water affected
Date Found:	02/21/1996
Date Stopped:	04/24/1998
Confirm Date:	/ /
Submit Workplan:	Not reported
Prelim Assess:	04/30/1998
Desc Pollution:	Not reported
Remed Plan:	/ /
Remed Action:	Not reported
Began Monitor:	Not reported
Release Date:	04/24/1998
Enforce Date:	Not reported
Closed Date:	Not reported
Enforce Type:	Not reported

CLARENCE OCHS,INC. (Continued) **S104160451**

Pilot Program: LOP
Basin Number: 904.52
GW Depth: Not reported
Beneficial Use: MUNBU
NPDES Number: Not reported
Priority: 2A
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

Q90 **CLARENCE OCHS OIL** **LUST** **S100852026**
North **145 VIA VERA CRUZ** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **CIWQS**
0.321 mi.
1697 ft. **Site 4 of 5 in cluster Q**

Relative: **Higher**
Actual: **540 ft.**

LUST:
Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302416
Global Id: T0607302416
Latitude: 33.141736
Longitude: -117.1904467
Status: Completed - Case Closed
Status Date: 11/09/2012
Case Worker: CF
RB Case Number: 9UT3651
Local Agency: SAN DIEGO COUNTY LOP
File Location: Local Agency
Local Case Number: H05072-001
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Benzene, Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline
Site History: During routine pressure testing of fuel lines at a service station located at 145 Via Vera Cruz in San Marcos, California, a manhole cover was reportedly placed or dropped over a diesel turbine, causing a line leak detector to break. According to a report submitted by the consultant (Geocon), the break occurred in late October 1995, resulting in a calculated release of 3,800 gallons of diesel fuel over a four-month period. The leak detector was capped and repaired on February 20, 1996, and the release was reported to DEH. Geocon performed a soil and groundwater investigation at the site in January 1998. Ten direct-push borings were advanced at the site for the collection of soil samples and groundwater grab samples. Groundwater was not encountered in seven of the borings, which were advanced to a depth of 15 feet below ground surface; thus, three groundwater grab samples were collected. Total petroleum hydrocarbons (TPH) as diesel were detected in at least one soil sample collected from nine of the borings. TPH as diesel was detected in each of the grab groundwater samples. Although the samples were not tested for TPH as gasoline, aromatic hydrocarbons were detected in both soil and groundwater, as was methyl-tert-butyl ether (MTBE). Based on the consultants report, DEH opened an unauthorized release case on April 30, 1998. Three 12,000-gallon capacity, steel, gasoline underground storage tanks (USTs), one 12,000-gallon capacity, steel diesel UST, and one

CLARENCE OCHS OIL (Continued) **S100852026**

4,000-gallon capacity, steel holding tank, as well as associated dispensers and piping, were removed from the site on July 30, 1998. Thirteen soil samples were collected during the DEH tank removal inspection. Petroleum hydrocarbons were detected in three soil samples, each of which was collected beneath USTs at depths of 13 to 14 feet below ground surface (bgs). Ten additional soil samples were collected from the base and sidewalls of the UST excavation by the consultant (PIC Environmental Services, Inc.) on July 31, 1998. The excavation was enlarged and impacted soil was removed to maximum depths of 14 to 18 feet bgs until confirmation sample results for TPH as diesel were less than 500 milligrams per kilogram (mg/kg). Based on the soil sample results, 1,972 tons of impacted soil was removed from the excavation and disposed to an off-site bio-treatment facility in July and August 1998. Four groundwater monitoring wells were installed on the property in July 1999 using hollow-stem auger equipment. Groundwater sampling analytical results indicated the site chemicals of concern were aromatic hydrocarbons and the fuel oxygenates methyl-tert-butyl ether (MTBE) and tert-butyl alcohol (TBA). Water level data indicated that groundwater was approximately 7 to 12 feet below the top-of-casing reference points. A fifth groundwater monitoring well was installed on the property in March 2001. In order to assess if groundwater was impacted offsite, a boring was advanced on the west side of Via Vera Cruz in May 2002 to collect a groundwater grab sample. Additional off-site groundwater monitoring wells were installed in June 2008 and August 2011. Groundwater monitoring and sampling was performed until December 2011, when analytical data indicated the dissolved contaminant plume had been adequately delineated. Free product had been detected in one of the wells (MW-4) in September 2006 with an apparent thickness of 1.25 inches (approximately 0.10-foot) and was subsequently bailed manually until November 2006, when it was no longer detected. Approximately one gallon of free product had been removed by bailing. In June 2008, a hydrocarbon sheen was noted in MW-4. The apparent thickness of the free product increased to 1.39 feet when measured in September 2011. A pneumatic pump was used to extract 14.85 gallons of free product from the well until no measureable free product was observed in December 2011. A Corrective Action Plan CAP) was initially submitted to DEH in August 2005 that recommended remediation by natural attenuation. The initial CAP presented the results of vapor risk calculations for benzene and naphthalene in groundwater underlying an office/warehouse building on the property. The results were below the human health carcinogenic risk threshold. However, DEH did not approve the CAP citing the need for additional development of the site conceptual model. A revised CAP was submitted in June 2009. The revised CAP included an estimate of the volume of impacted soil remaining in place as approximately 900 cubic yards. The revised CAP also identified two production wells located within a half mile of the site. One of the wells is used for irrigation purposes and is located approximately 425 feet west of the site. The other well was formerly used for municipal supply purposes and is located over 2,000 feet south of the site. However, the well was taken off line about 20 years ago by the Vallecitos Water District due to odor and color concerns. Both of the production wells are screened more than 200 feet bgs. The revised CAP was not approved pending the installation of groundwater monitoring wells MW-8 and MW-9 in August 2011 and an updated site conceptual model. A CAP addendum was submitted in May 2012 that presented an updated site

CLARENCE OCHS OIL (Continued) **S100852026**

conceptual model that included trend analyses for benzene and MTBE concentrations detected in groundwater samples. The trend analyses indicated decreasing trends for both benzene and MTBE for samples collected from wells in the source area. Based on the trend analyses, MTBE concentrations are estimated to fall below its Secondary Maximum Contaminant Level (MCL) in approximately 20 years and benzene levels would drop below its MCL in approximately 100 years. The revised CAP and its addendum were approved on July 9, 2012. Based on the removal of petroleum hydrocarbon-impacted soil in the source area, the decreasing trends for benzene and MTBE concentrations in groundwater, and the lack of human health risk from ingestion of groundwater or from inhalation of vapor, DEH concurs with the CAPs recommendation for soil and groundwater remediation by natural attenuation and the consultants recommendations for no further action and case closure.

LUST:
Global Id: T0607302416
Contact Type: Local Agency Caseworker
Contact Name: CAROL FENNER
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: carol.fenner@sdcounty.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0607302416
Action Type: ENFORCEMENT
Date: 07/09/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302416
Action Type: ENFORCEMENT
Date: 11/09/2012
Action: Closure/No Further Action Letter

Global Id: T0607302416
Action Type: Other
Date: 04/24/1998
Action: Leak Began

Global Id: T0607302416
Action Type: Other
Date: 04/24/1998
Action: Leak Reported

Global Id: T0607302416
Action Type: REMEDIATION
Date: 07/30/1998
Action: Excavation

Global Id: T0607302416
Action Type: ENFORCEMENT
Date: 05/21/1998
Action: Notice of Responsibility

Global Id: T0607302416

CLARENCE OCHS OIL (Continued) **S100852026**

Action Type: ENFORCEMENT
Date: 09/08/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302416
Action Type: ENFORCEMENT
Date: 10/20/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302416
Action Type: RESPONSE
Date: 01/31/2012
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0607302416
Action Type: RESPONSE
Date: 04/16/2012
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T0607302416
Action Type: ENFORCEMENT
Date: 04/22/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T0607302416
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Letter - Notice

Global Id: T0607302416
Action Type: Other
Date: 04/24/1998
Action: Leak Stopped

Global Id: T0607302416
Action Type: RESPONSE
Date: 09/18/2009
Action: Well Installation Workplan

Global Id: T0607302416
Action Type: RESPONSE
Date: 09/30/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0607302416
Action Type: Other
Date: 04/24/1998
Action: Leak Discovery

LUST:
Global Id: T0607302416
Status: Open - Case Begin Date
Status Date: 04/13/1998

Global Id: T0607302416
Status: Open - Remediation
Status Date: 04/13/1998

CLARENCE OCHS OIL (Continued) **S100852026**

Global Id:	T0607302416
Status:	Open - Site Assessment
Status Date:	09/01/2009
Global Id:	T0607302416
Status:	Open - Remediation
Status Date:	07/09/2012
Global Id:	T0607302416
Status:	Completed - Case Closed
Status Date:	11/09/2012

HIST CORTESE:

edr_fname:	CLARENCE OCHS, INC.
edr_fadd1:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT3651

CIWQS:

Name:	MICHAEL OCHS
Address:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	Michael Ochs
Agency Address:	145 Via Vera Cruz, San Marcos, CA 92078
Place/Project Type:	Industrial - Petroleum Bulk Stations and Terminals
SIC/NAICS:	5171
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37I022268
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	08/12/2009
Termination Date:	06/30/2015
Expiration/Review Date:	Not reported
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:	33.14158
Longitude:	-117.19043

Q91
North
1/4-1/2
0.321 mi.
1697 ft.

Relative:
Higher

Actual:
540 ft.

CLARENCE OCHS OIL
145 VIA VERA CRUZ
SAN MARCOS, CA 92069

Site 5 of 5 in cluster Q

SAN DIEGO CO. SAM
San Diego Co. HMMD
CERS HAZ WASTE
SWEEPS UST
HIST UST
CERS TANKS
Cortese
EMI
SAN DIEGO CO LOP
CERS

U001572195
N/A

SAN DIEGO CO. SAM:

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 920692615
Case Number:	H05072-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - State Fund**
Facility Type:	Drinking Water Aquifer Impacted
Facility Status:	Remedial Investigation
Date:	11/5/2001
Date Began:	4/24/1998

HMMD SAN DIEGO:

Name:	SOUTHERN COUNTIES LUBRICANTS,LLC
Address:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAL000414271
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	714-516-7300
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	02/11/2022
Facility Owner:	Not reported
Facility Mailing Address:	P.O. Box 5765, Orange, CA 92863
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	Y
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	6866435
Return To Compliance Date:	2022-02-03T00:00:00.000
Nov:	Yes

CLARENCE OCHS OIL (Continued) **U001572195**

Violation Classification:	Not reported
Underground Storage Tank Id:	18886
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2022-02-03T00:00:00.000
Violation Code:	2030035 Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills. HSC 25292.1(a)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5824296
Return To Compliance Date:	2018-02-12T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2018-02-07T14:32:00.000
Violation Code:	3010002 Failed to obtain &/or maintain an active EPA ID Number. 22 CCR 66262.12(a)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5585264
Return To Compliance Date:	2017-02-10T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	18886
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2017-02-10T15:46:00.000
Violation Code:	2030008 Failure to maintain under dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 25290.1, 25290.2, 25291
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5824296
Return To Compliance Date:	2018-02-12T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	18888
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2018-02-07T14:32:00.000

CLARENCE OCHS OIL (Continued) **U001572195**

Violation Code:	2030013 Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2), 2715(c)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	6652007
Return To Compliance Date:	2021-02-03T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	18885
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2021-02-03T00:00:00.000
Violation Code:	2030025 (TCR 9d) Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly. with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected. 23 CCR 2636(f)(2)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Aboveground Petroleum Storage Act
Inspection Type:	Routine
Inspection Number:	4899979
Return To Compliance Date:	2015-09-26T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2014-02-24T08:55:00.000
Violation Code:	4010010 Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facility's discharge potential; 40 CFR 1 112.5(b); HSC 6.67 25270.4.5(a).
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072

CLARENCE OCHS OIL (Continued) **U001572195**

Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	4088947
Return To Compliance Date:	2013-03-27T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	0
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2013-02-26T09:11:00.000
Violation Code:	2030008 Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 6.7 25290.1, 25290.2, 25291

Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5238513
Return To Compliance Date:	2016-02-11T00:00:00.000
Nov:	Yes
Violation Classification:	Class I
Underground Storage Tank Id:	18886
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2016-02-11T14:01:14.000
Violation Code:	2030026 Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. 23 CCR 2636(f)(2)

Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	6866435
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2022-02-03T00:00:00.000
Violation Code:	HMD0000 UST TANK (DW/SW) - REQUIREMENT

Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	4899979
Return To Compliance Date:	2014-02-24T00:00:00.000
Nov:	No
Violation Classification:	Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Underground Storage Tank Id:	105072
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2014-02-24T08:55:00.000
Violation Code:	HMD3413 No pump shut-down or stop of flow at dispenser for UDC leak. 2636(f)(5)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5158458
Return To Compliance Date:	2015-02-11T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	18885
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2015-02-11T00:00:00.000
Violation Code:	2030025 Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs. 23 CCR 16 2636(f)(2).
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5585264
Return To Compliance Date:	2017-02-10T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	18885
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2017-02-10T15:46:00.000
Violation Code:	2030017 Failure to maintain all product piping outside the dispenser to be fail-safe & shut down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when a leak is detected in the under dispenser containment. 23 CCR 2636(f)(5)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	5585264
Return To Compliance Date:	2017-02-10T00:00:00.000
Nov:	No
Violation Classification:	Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Underground Storage Tank Id: 18886
Container/Tank Id: Not reported
Last Update: 2022-02-11T01:22:14.000
Inspection Date: 2017-02-10T15:46:00.000
Violation Code: 2030025 (RD) Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow or product through the piping or trigger an alarm when a release occurs. 23 CCR 2636(f)(2)

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-105072
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 6388858
Return To Compliance Date: 2020-02-13T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: 18887
Container/Tank Id: Not reported
Last Update: 2022-02-11T01:22:14.000
Inspection Date: 2020-02-13T13:00:28.000
Violation Code: 2030025 (TCR 9d) Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly. with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected. 23 CCR 2636(f)(2)

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-105072
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 6866435
Return To Compliance Date: 2022-02-03T00:00:00.000
Nov: Yes
Violation Classification: Not reported
Underground Storage Tank Id: 18886
Container/Tank Id: Not reported
Last Update: 2022-02-11T01:22:14.000
Inspection Date: 2022-02-03T00:00:00.000
Violation Code: 2060015 (TCR 9d) Failure of leak detection equipment to be installed, maintained and located such that the equipment is capable of detecting a leak at the earliest possible opportunity. 23 CCR 2630(d), 2641(a)

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-105072
Program Element: Underground Storage Tank
Inspection Type: Routine
Inspection Number: 6866435
Return To Compliance Date: 2022-02-03T00:00:00.000

CLARENCE OCHS OIL (Continued) **U001572195**

Nov:	Yes
Violation Classification:	Not reported
Underground Storage Tank Id:	18886
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2022-02-03T00:00:00.000
Violation Code:	2030062 (TCR 9d) Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak. HSC 25299(a)(9); 23 CCR 2630(d)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine
Inspection Number:	6866435
Return To Compliance Date:	2022-02-03T00:00:00.000
Nov:	Yes
Violation Classification:	Not reported
Underground Storage Tank Id:	18886
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2022-02-03T00:00:00.000
Violation Code:	2030017 (TCR 9d) Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested every 12 months: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC). 23 CCR 2636(f)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	6652007
Return To Compliance Date:	2021-03-10T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2021-02-03T00:00:00.000
Violation Code:	3010010 Failed to maintain copies of Uniform Hazardous Waste Manifest, consolidated manifest, or Bills of Lading for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a), 66262.23(a)(3)
Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Program Element:	Underground Storage Tank
Inspection Type:	Routine

CLARENCE OCHS OIL (Continued) **U001572195**

Inspection Number:	4899979
Return To Compliance Date:	2014-02-24T00:00:00.000
Nov:	No
Violation Classification:	Not reported
Underground Storage Tank Id:	105072
Container/Tank Id:	Not reported
Last Update:	2022-02-11T01:22:14.000
Inspection Date:	2014-02-24T08:55:00.000
Violation Code:	2030026 Failure of line leak detector to detect a leak and/or failure of audible and visual alarm. 23 CCR 16 2636(f)(2), 2666.

UST DTL:

Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Facility Type (Ust Facility):	Fuel Distribution
Tank Owner Name:	Southern Counties Lubricants,LLC
Tankid:	18888
Tank Status:	Active
Date Ust Permanently Closed:	Not reported
Tank Use:	Motor Vehicle Fueling
Piping System Type:	Pressure
Last Updated:	2022-02-11T01:22:14.000
Tank Capacityin Gallons:	10000
Tank Contents:	Premium Unleaded
Type Of Tank:	Double Wall

Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Facility Type (Ust Facility):	Fuel Distribution
Tank Owner Name:	Southern Counties Lubricants,LLC
Tankid:	18885
Tank Status:	Active
Date Ust Permanently Closed:	Not reported
Tank Use:	Motor Vehicle Fueling
Piping System Type:	Pressure
Last Updated:	2022-02-11T01:22:14.000
Tank Capacityin Gallons:	15000
Tank Contents:	Diesel
Type Of Tank:	Double Wall

Record ID:	DEH2002-HUPFP-105072
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-105072
Facility Type (Ust Facility):	Fuel Distribution
Tank Owner Name:	Southern Counties Lubricants,LLC
Tankid:	18886
Tank Status:	Active
Date Ust Permanently Closed:	Not reported
Tank Use:	Motor Vehicle Fueling
Piping System Type:	Pressure
Last Updated:	2022-02-11T01:22:14.000
Tank Capacityin Gallons:	15000

CLARENCE OCHS OIL (Continued) **U001572195**

Tank Contents: Diesel
Type Of Tank: Double Wall

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-105072
Facility Type (Ust Facility): Fuel Distribution
Tank Owner Name: Southern Counties Lubricants,LLC
Tankid: 18887
Tank Status: Active
Date Ust Permanently Closed: Not reported
Tank Use: Motor Vehicle Fueling
Piping System Type: Pressure
Last Updated: 2022-02-11T01:22:14.000
Tank Capacityin Gallons: 10000
Tank Contents: Regular Unleaded
Type Of Tank: Double Wall

Waste and Materials:
Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0147511
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-25T20:14:28.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) absorbant
Common Name: SOLIDS MIX WITH USED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173270
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T20:14:28.000
Chemical Name: SUPER UNLEADED
Common Name: UNDERGROUND TANK 105072 T010
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0160394
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-28T00:51:51.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 105072 T009
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0160395

CLARENCE OCHS OIL (Continued) **U001572195**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-28T00:51:51.000
Chemical Name: SUPER UNLEADED
Common Name: UNDERGROUND TANK 105072 T010
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0160396
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-28T00:51:51.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T007
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0160397
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-28T00:51:51.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T008
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0160398
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-10-28T00:51:51.000
Chemical Name: Diesel Exhaust Fluid (DEF)
Common Name: Diesel Exhaust Fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0135860
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-10-28T00:51:52.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) absorbant
Common Name: SOLIDS MIX WITH USED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0183994
Trade Secret: N
Hazardous Material Type: Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Last Updated: 2020-02-14T05:33:58.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) absorbant
Common Name: SOLIDS MIX WITH USED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211759
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-14T05:33:58.000
Chemical Name: SUPER UNLEADED
Common Name: UNDERGROUND TANK 105072 T010
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211760
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-14T05:33:58.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T007
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131962
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-02T02:32:19.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 105072 T009
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131963
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-02T02:32:19.000
Chemical Name: SUPER UNLEADED
Common Name: UNDERGROUND TANK 105072 T010
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131964
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-02T02:32:19.000
Chemical Name: DIESEL

CLARENCE OCHS OIL (Continued) **U001572195**

Common Name: UNDERGROUND TANK 105072 T007
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131965
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-02T02:32:19.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T008
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HCHEM-0131966
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-02T02:32:19.000
Chemical Name: Diesel Exhaust Fluid (DEF)
Common Name: Diesel Exhaust Fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2017-HWAST-0110412
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-02T02:32:19.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) absorbant
Common Name: SOLIDS MIX WITH USED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173269
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T20:14:28.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 105072 T009
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173271
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T20:14:28.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T007
Case Number: Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173272
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T20:14:28.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T008
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0173273
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-25T20:14:28.000
Chemical Name: Diesel Exhaust Fluid (DEF)
Common Name: Diesel Exhaust Fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0293593
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-11T01:22:14.000
Chemical Name: UNLEADED
Common Name: Unleaded Fuel
Case Number: 8006-61-9

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200013
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-16T00:43:03.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 105072 T009
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200014
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-16T00:43:03.000
Chemical Name: SUPER UNLEADED
Common Name: UNDERGROUND TANK 105072 T010
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed

CLARENCE OCHS OIL (Continued) **U001572195**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200015
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-16T00:43:03.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T007
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200016
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-16T00:43:03.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T008
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0200017
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-11-16T00:43:03.000
Chemical Name: Diesel Exhaust Fluid (DEF)
Common Name: Diesel Exhaust Fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0172434
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-11-16T00:43:03.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) absorbant
Common Name: SOLIDS MIX WITH USED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211761
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-14T05:33:58.000
Chemical Name: DIESEL
Common Name: UNDERGROUND TANK 105072 T008
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211762

CLARENCE OCHS OIL (Continued) **U001572195**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-14T05:33:58.000
Chemical Name: Diesel Exhaust Fluid (DEF)
Common Name: Diesel Exhaust Fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0211758
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-02-14T05:33:58.000
Chemical Name: REGULAR UNLEADED
Common Name: UNDERGROUND TANK 105072 T009
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0293594
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-11T01:22:14.000
Chemical Name: DIESEL
Common Name: Diesel Fuel
Case Number: 68334-30-5

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0293595
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2022-02-11T01:22:14.000
Chemical Name: Diesel Exhaust Fluid (DEF)
Common Name: Diesel Exhaust Fluid
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0262413
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2022-02-11T01:22:14.000
Chemical Name: WASTE 352 ORGANIC SOLIDS (OTHER) absorbant
Common Name: SOLIDS MIX WITH USED OIL
Case Number: Not reported

Record ID: DEH2002-HUPFP-105072
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0262414
Trade Secret: N
Hazardous Material Type: Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Last Updated: 2022-02-11T01:22:14.000
Chemical Name: Oily Waste Water
Common Name: Oily Waste Water
Case Number: Not reported

Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 105072
Business Type: 6HK24
EPA Id Number: CAL000126880
APN: 219-152-60-00
Last HMMD Inspection: 03/06/2012
Facility Telephone: 760-744-5441
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: CLARENCE OCHS OIL
Facility Mailing Address: P.O. BOX 230925
Facility Mailing City: ENCINITAS
Facility Mailing State: CA
Facility Mailing Zip: 92023-0925
UST Owner: CLARENCE OCHS, INC
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Y
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 105072
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 105072
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ANTIFREEZE- ETHYLENE GLYCOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: 8008-20-6
Name: CHEVRON PEARL KEROSENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

CLARENCE OCHS OIL (Continued) **U001572195**

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 105072 T007
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 105072 T008
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MOTOR OILS & DIFFERENT GRADES
Other Information: INDUSTRIAL OILS SUCH AS HYDRAULIC OILS CUTT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 105072 T009
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: 8052-41-3
Name: STODDARD SOLVENT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: SUPER UNLEADED
Other Information: UNDERGROUND TANK 105072 T010
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information: ANTIFREEZE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: SOLIDS MIX WITH USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 02/10/2009
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3158

CLARENCE OCHS OIL (Continued) **U001572195**

Violation:	ALL OPERATING CONDITIONS NOT MET
Violation Citation:	All permit operating conditions not met. 25284; 2712
Activity:	ACTIVE
Permit Number:	105072
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3256
Violation:	NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation:	Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity:	ACTIVE
Permit Number:	105072
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3256
Violation:	NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation:	Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity:	ACTIVE
Permit Number:	105072
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3256
Violation:	NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation:	Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity:	ACTIVE
Permit Number:	105072
Update Date:	11/02/2012
Inspection Date:	01/20/2005
Violation Code:	6HV3256
Violation:	NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation:	Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity:	ACTIVE
Permit Number:	105072
Update Date:	11/02/2012
Inspection Date:	02/10/2010
Violation Code:	6HV5301
Violation:	SPCC CHANGES NOT IMPLEMENTED. W/I 6 MOS
Violation Citation:	The facility is subject to the Aboveground Petroleum Storage Act (APSA) and failed to implement Spill Prevention Control and Countermeasures Plan review changes or amendment changes, or both, within six months. 25270.4.5(a), 25270.5 & 25270.12(a) [ref. CFR 112.5(a), (d)]
Activity:	ACTIVE
Permit Number:	105072
Update Date:	11/02/2012
Inspection Date:	02/10/2010
Violation Code:	6HV3193
Violation:	NO TRAINING/RECORD INCOMPLETE-NOT ONSITE

CLARENCE OCHS OIL (Continued) **U001572195**

Violation Citation: Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 01/17/2006
Violation Code: 6HV3152
Violation: ALL MAINT/MONITOR RECORDS NOT AVAILABLE
Violation Citation: All maintenance/monitoring/calibration/ repair records not available. 25293; 2712 (b)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 105072 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 105072
Tank Type: SINGLE WALL IN VAULT
Additional Id: 1
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1998-07-30 00:00:00
Year Installed: 1974-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: PRESSURE
Monitor Code: 13
UST Monitor Method: SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 105072 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 105072
Tank Type: SINGLE WALL
Additional Id: 5
Capacity Gallons: 4000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1998-07-30 00:00:00
Year Installed: 1974-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 105072 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 105072
Tank Type: SINGLE WALL IN VAULT
Additional Id: 4
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED

CLARENCE OCHS OIL (Continued) **U001572195**

Remove Close Date:	Not reported
Year Installed:	Not reported
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	13
UST Monitor Method:	SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105072 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	SINGLE WALL IN VAULT
Additional Id:	3
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1998-07-30 00:00:00
Year Installed:	1974-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	13
UST Monitor Method:	SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105072 T005
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	SINGLE WALL IN VAULT
Additional Id:	2
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1998-07-30 00:00:00
Year Installed:	1974-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105072 T006
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	0000000001
Capacity Gallons:	4000
UST Contents:	Not reported
Other Content Info:	SEE FILE FOR CONTENTS
Reg Status:	REMOVED
Remove Close Date:	Not reported
Year Installed:	1974-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

CLARENCE OCHS OIL (Continued) **U001572195**

ALTERNATIVE DURING INSPECTION.

UST Name:	UNDERGROUND TANK 105072 T007
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042, RT3097
Capacity Gallons:	15000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT

UST Name:	UNDERGROUND TANK 105072 T008
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042, RT3097
Capacity Gallons:	15000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT

UST Name:	UNDERGROUND TANK 105072 T009
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042, RT3097
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT

UST Name:	UNDERGROUND TANK 105072 T010
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL

CLARENCE OCHS OIL (Continued) **U001572195**

Additional Id:	NT2042, RT3097
Capacity Gallons:	10000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT

UST Name:	UNDERGROUND TANK 105072 T011
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042
Capacity Gallons:	4000
UST Contents:	Not reported
Other Content Info:	OTHER - SPECIFY
Reg Status:	EXEMPT
Remove Close Date:	Not reported
Year Installed:	Not reported
Pipe Type:	SINGLE WALL
Delivery System:	GRAVITY
Monitor Code:	99
UST Monitor Method:	OTHER - BLIND REMARK REQUIRED

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	105072
Business Type:	6HK24
EPA Id Number:	CAL000126880
APN:	219-152-60-00
Last HMMD Inspection:	03/06/2012
Facility Telephone:	760-744-5441
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	CLARENCE OCHS OIL
Facility Mailing Address:	P.O. BOX 230925
Facility Mailing City:	ENCINITAS
Facility Mailing State:	CA
Facility Mailing Zip:	92023-0925
UST Owner:	CLARENCE OCHS, INC
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Y
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	105072
Update Date:	11/02/2012

CLARENCE OCHS OIL (Continued) **U001572195**

Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 105072
Update Date: 11/02/2012
Case Number: 107-21-1
Name: ANTIFREEZE- ETHYLENE GLYCOL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: 8008-20-6
Name: CHEVRON PEARL KEROSENE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 105072 T007
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 105072 T008
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 105072
Update Date: 11/02/2012
Case Number: 8002-05-9
Name: MOTOR OILS & DIFFERENT GRADES
Other Information: INDUSTRIAL OILS SUCH AS HYDRAULIC OILS CUTT
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 105072 T009

CLARENCE OCHS OIL (Continued) **U001572195**

Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	105072
Update Date:	11/02/2012
Case Number:	8052-41-3
Name:	STODDARD SOLVENT
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	105072
Update Date:	11/02/2012
Case Number:	Not reported
Name:	SUPER UNLEADED
Other Information:	UNDERGROUND TANK 105072 T010
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported
Permit Number:	105072
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 221 WASTE OIL & MIXED OIL
Other Information:	USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	105072
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 222 OIL/WATER SEPARATION SLUDGE
Other Information:	Not reported
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	105072
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 342 ORGANIC LIQUIDS W/METALS
Other Information:	ANTIFREEZE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	105072
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information:	SOLIDS MIX WITH USED OIL
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Permit Number: 105072
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 02/10/2009
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3158
Violation: ALL OPERATING CONDITIONS NOT MET
Violation Citation: All permit operating conditions not met. 25284; 2712
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3256
Violation: NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation: Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3256
Violation: NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation: Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3256
Violation: NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation: Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012

CLARENCE OCHS OIL (Continued) **U001572195**

Inspection Date: 01/20/2005
Violation Code: 6HV3256
Violation: NO FUNCTIONAL DRAIN BOX/BACKUP
Violation Citation: Fill box drain not functional and backup system is not available. 2635(b)(1)(C)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 02/10/2010
Violation Code: 6HV5301
Violation: SPCC CHANGES NOT IMPLEMENTED. W/I 6 MOS
Violation Citation: The facility is subject to the Aboveground Petroleum Storage Act (APSA) and failed to implement Spill Prevention Control and Countermeasures Plan review changes or amendment changes, or both, within six months. 25270.4.5(a), 25270.5 & 25270.12(a) [ref. CFR 112.5(a), (d)]
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 02/10/2010
Violation Code: 6HV3193
Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE
Violation Citation: Facility employee(s) are not trained, training records are incomplete, and/or not onsite. 2715(f)
Activity: ACTIVE

Permit Number: 105072
Update Date: 11/02/2012
Inspection Date: 01/17/2006
Violation Code: 6HV3152
Violation: ALL MAINT/MONITOR RECORDS NOT AVAILABLE
Violation Citation: All maintenance/monitoring/calibration/ repair records not available. 25293; 2712 (b)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 105072 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 105072
Tank Type: SINGLE WALL IN VAULT
Additional Id: 1
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1998-07-30 00:00:00
Year Installed: 1974-01-01 00:00:00
Pipe Type: SINGLE WALL
Delivery System: PRESSURE
Monitor Code: 13
UST Monitor Method: SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 105072 T002
Last Update: 2012-11-02 14:17:38

CLARENCE OCHS OIL (Continued) **U001572195**

Permit Number:	105072
Tank Type:	SINGLE WALL
Additional Id:	5
Capacity Gallons:	4000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	REMOVED
Remove Close Date:	1998-07-30 00:00:00
Year Installed:	1974-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.
UST Name:	UNDERGROUND TANK 105072 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	SINGLE WALL IN VAULT
Additional Id:	4
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	Not reported
Year Installed:	Not reported
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	13
UST Monitor Method:	SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105072 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	SINGLE WALL IN VAULT
Additional Id:	3
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1998-07-30 00:00:00
Year Installed:	1974-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	13
UST Monitor Method:	SW TANK W/ CERT ATG SW PRESSURE PIPE W/ SHUTOFF LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105072 T005
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	SINGLE WALL IN VAULT
Additional Id:	2
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED

CLARENCE OCHS OIL (Continued) **U001572195**

Reg Status:	REMOVED
Remove Close Date:	1998-07-30 00:00:00
Year Installed:	1974-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	PRESSURE
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR
UST Name:	UNDERGROUND TANK 105072 T006
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	0000000001
Capacity Gallons:	4000
UST Contents:	Not reported
Other Content Info:	SEE FILE FOR CONTENTS
Reg Status:	REMOVED
Remove Close Date:	Not reported
Year Installed:	1974-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.
UST Name:	UNDERGROUND TANK 105072 T007
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042, RT3097
Capacity Gallons:	15000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT
UST Name:	UNDERGROUND TANK 105072 T008
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042, RT3097
Capacity Gallons:	15000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B

CLARENCE OCHS OIL (Continued) **U001572195**

UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT
UST Name:	UNDERGROUND TANK 105072 T009
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042, RT3097
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT
UST Name:	UNDERGROUND TANK 105072 T010
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042, RT3097
Capacity Gallons:	10000
UST Contents:	PREMIUM UNLEADED
Other Content Info:	PREMIUM UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1998-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	31B
UST Monitor Method:	DW TANK, DW PRESSURIZED PIPE W/ DRY TANK ANNULAR; POSITIVE SHUT-OFF & FAILSAFE, 3.0 LLD; UDC W/ MECHANICAL FLOAT
UST Name:	UNDERGROUND TANK 105072 T011
Last Update:	2012-11-02 14:17:38
Permit Number:	105072
Tank Type:	DOUBLE WALL
Additional Id:	NT2042
Capacity Gallons:	4000
UST Contents:	Not reported
Other Content Info:	OTHER - SPECIFY
Reg Status:	EXEMPT
Remove Close Date:	Not reported
Year Installed:	Not reported
Pipe Type:	SINGLE WALL
Delivery System:	GRAVITY
Monitor Code:	99
UST Monitor Method:	OTHER - BLIND REMARK REQUIRED

CERS HAZ WASTE:

Name:	SOUTHERN COUNTIES LUBRICANTS,LLC
Address:	145 VIA VERA CRUZ

CLARENCE OCHS OIL (Continued) **U001572195**

City,State,Zip: SAN MARCOS, CA 92078
Site ID: 106594
CERS ID: 10375627
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City: SAN MARCOS
Status: Active
Comp Number: 5072
Number: 9
Board Of Equalization: 44-022162
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005072-000001
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: 6

Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City: SAN MARCOS
Status: Active
Comp Number: 5072
Number: 9
Board Of Equalization: 44-022162
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005072-000002
Tank Status: A
Capacity: 6000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: W
Content: OTHER
Number Of Tanks: Not reported

Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City: SAN MARCOS
Status: Active
Comp Number: 5072
Number: 9
Board Of Equalization: 44-022162
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

SWRCB Tank Id: 37-000-005072-000003
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City: SAN MARCOS
Status: Active
Comp Number: 5072
Number: 9
Board Of Equalization: 44-022162
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005072-000004
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City: SAN MARCOS
Status: Active
Comp Number: 5072
Number: 9
Board Of Equalization: 44-022162
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-005072-000005
Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City: SAN MARCOS
Status: Active
Comp Number: 5072
Number: 9
Board Of Equalization: 44-022162
Referral Date: Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-005072-000006
Tank Status:	A
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	CHEMICAL
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

HIST UST:

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92069
File Number:	0002AFB7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002AFB7.pdf
Region:	STATE
Facility ID:	00000002183
Facility Type:	Other
Other Type:	BULK PLANT
Contact Name:	CLARENCE OCHS
Telephone:	6197445441
Owner Name:	CLARENCE OCHS
Owner Address:	145 VIA VERA CRUZ
Owner City,St,Zip:	SAN MARCOS, CA 92069
Total Tanks:	0006
Tank Num:	001
Container Num:	1
Year Installed:	1974
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4"
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	5
Year Installed:	1974
Tank Capacity:	00006000
Tank Used for:	WASTE
Type of Fuel:	DIESEL
Container Construction Thickness:	1/4"
Leak Detection:	None
Tank Num:	003
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4"
Leak Detection:	Stock Inventor
Tank Num:	004

CLARENCE OCHS OIL (Continued) **U001572195**

Container Num: 3
Year Installed: 1974
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4"
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: 2
Year Installed: 1974
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4"
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: 0000000001
Year Installed: 1974
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CERS TANKS:
Name: SOUTHERN COUNTIES LUBRICANTS,LLC
Address: 145 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 106594
CERS ID: 10375627
CERS Description: Underground Storage Tank

CORTESE:
Name: CLARENCE OCHS OIL
Address: 145 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 920692615
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607302416
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

CLARENCE OCHS OIL (Continued) **U001572195**

Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5172
Air District Name:	SAN DIEGO 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:	1
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

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5172
Air District Name:	SAN DIEGO 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:	1
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

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2002
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5172
Air District Name:	SAN DIEGO COUNTY APCD

CLARENCE OCHS OIL (Continued) **U001572195**

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:	1
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

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2003
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5172
Air District Name:	SAN DIEGO 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:	1
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

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2004
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5172
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.81189346
Reactive Organic Gases Tons/Yr:	0.81189346
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

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2005
County Code:	37
Air Basin:	SD
Facility ID:	3712

CLARENCE OCHS OIL (Continued) **U001572195**

Air District Name:	SD
SIC Code:	5172
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.81189346
Reactive Organic Gases Tons/Yr:	.81189346
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

Name:	OCHS CLARENCE OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2006
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.71
Reactive Organic Gases Tons/Yr:	.71
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

Name:	OCHS CLARENCE OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 93454
Year:	2007
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.71
Reactive Organic Gases Tons/Yr:	.71
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

Name:	OCHS CLARENCE OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2008

CLARENCE OCHS OIL (Continued) **U001572195**

County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.71
Reactive Organic Gases Tons/Yr:	.71
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

Name:	OCHS CLARENCE OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2009
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.70999999999999996
Reactive Organic Gases Tons/Yr:	0.70999999999999996
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

Name:	OCHS CLARENCE OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2010
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.70999999999999996
Reactive Organic Gases Tons/Yr:	0.70999999999999996
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

Name:	OCHS CLARENCE OIL

CLARENCE OCHS OIL (Continued) **U001572195**

Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2011
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
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

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2012
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
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

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2013
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
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

CLARENCE OCHS OIL (Continued) **U001572195**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2014
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
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

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2015
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
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

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2016
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
Carbon Monoxide Emissions Tons/Yr:	Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2017
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2018
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	OCHS CLARENCE OIL
Address:	145VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2019
County Code:	37
Air Basin:	SD
Facility ID:	3712
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Total Organic Hydrocarbon Gases Tons/Yr:	0.71
Reactive Organic Gases Tons/Yr:	0.71
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

SAN DIEGO CO LOP:

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1998-LSAM-H05072-001
Record Status:	Completed
Opened Date:	04/24/1998
Parcel Number:	219-152-60-00
Case Type:	LOP - Local Oversight Program
Historical Name:	CLARENCE OCHS,INC.
SWRCB Global ID:	T0607302416
Funding:	S - LOP State Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	04/30/1998
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1413893
Longitude:	-117.1901001
X MapCoord:	6273903.927
Y MapCoord:	1996368.764

CERS:

Name:	CLARENCE OCHS OIL
Address:	145 VIA VERA CRUZ
City,State,Zip:	SAN MARCOS, CA 920692615
Site ID:	194721
CERS ID:	T0607302416
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CAROL FENNER - SAN DIEGO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	P.O. Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Name:	OCHS CLARENCE OIL
Address:	145 VIA VERA CRUZ S
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	484048

CLARENCE OCHS OIL (Continued) **U001572195**

CERS ID: 110041143205
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: SOUTHERN COUNTIES LUBRICANTS,LLC
Address: 145 VIA VERA CRUZ
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 106594
CERS ID: 10375627
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 106594
Site Name: Southern Counties Lubricants,LLC
Violation Date: 02-10-2017
Citation: HSC 6.7 25290.1(c)(3), 25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3), 25290.2(c)(3)
Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003 and before July 1, 2004, or on or after July 1, 2004.
Violation Notes: Returned to compliance on 02/10/2017. Inspection Sequence ID:5585264;Tank ID:18886;Violation Description:Failure to maintain under dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. HSC 25290.1, 25290.2, 25291
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 106594
Site Name: Southern Counties Lubricants,LLC
Violation Date: 02-11-2015
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 02/11/2015.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 106594
Site Name: Southern Counties Lubricants,LLC
Violation Date: 02-26-2013
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 03/27/2013.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 106594
Site Name: Southern Counties Lubricants,LLC
Violation Date: 02-10-2017

CLARENCE OCHS OIL (Continued) **U001572195**

Citation:	23 CCR 16 2636(f)(5) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(5)
Violation Description:	"Failure to meet one or more of the following monitoring requirements in lieu of the requirement to be tightness tested annually: The monitoring system maintains all product piping outside the dispenser to be fail-safe and shut down the pump when a leak is detected. The monitoring system shuts down the pump or stops flow when a leak is detected in the under dispenser containment (UDC)."
Violation Notes:	Returned to compliance on 02/10/2017. Inspection Sequence ID:5585264;Tank ID:18885,18886;Violation Description:Failure to maintain all product piping outside the dispenser to be fail-safe & shut down the pump when a leak is detected and the monitoring system shuts down the pump or flow restriction occurs when a leak is detected in the under dispenser containment. 23 CCR 2636(f)(5)
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	106594
Site Name:	Southern Counties Lubricants,LLC
Violation Date:	02-07-2018
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes:	Returned to compliance on 02/12/2018. Inspection Sequence ID:5824296
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	106594
Site Name:	Southern Counties Lubricants,LLC
Violation Date:	02-10-2017
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 02/10/2017. Inspection Sequence ID:5585264;Tank ID:18886;Violation Description:(RD) Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow or product through the piping or trigger an alarm when a release occurs. 23 CCR 2636(f)(2)
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	106594
Site Name:	Southern Counties Lubricants,LLC
Violation Date:	02-07-2018
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)

CLARENCE OCHS OIL (Continued) **U001572195**

Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2).
Violation Notes:	Returned to compliance on 02/12/2018. Inspection Sequence ID:5824296;Tank ID:18888,18887,18886,18885;Violation Description:Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been trained in accordance with 23 CCR 2715(f)(2), 2715(c)
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	106594
Site Name:	Southern Counties Lubricants,LLC
Violation Date:	02-03-2021
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 02/03/2021. Inspection Sequence ID:6652007;Tank ID:18885;Violation Description:(TCR 9d) Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly. with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected. 23 CCR 2636(f)(2)
Violation Division:	San Diego County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	106594
Site Name:	Southern Counties Lubricants,LLC
Violation Date:	02-11-2016
Citation:	23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description:	Failure of line leak detector to detect a leak and/or failure of

CLARENCE OCHS OIL (Continued) **U001572195**

audible and visual alarm.
Violation Notes: Returned to compliance on 02/11/2016.
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 106594
Site Name: Southern Counties Lubricants,LLC
Violation Date: 02-13-2020
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the functional line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes: Returned to compliance on 02/13/2020. Inspection Sequence ID:6388858;Tank ID:18887;Violation Description:(TCR 9d) Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements: Monitored at least hourly. with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping when a leak is detected. 23 CCR 2636(f)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 106594
Site Name: Southern Counties Lubricants,LLC
Violation Date: 02-03-2021
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 03/10/2021. Inspection Sequence ID:6652007
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Ayala Anthony Inspection ID:6652007
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-03-2021
Violations Found: Yes
Eval Type: Routine done by local agency

CLARENCE OCHS OIL (Continued) **U001572195**

Eval Notes:	Inspector: Ayala Anthony Inspection ID:6652007
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-07-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5824296
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-07-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5824296
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:5158458
Eval Division:	San Diego County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5238513
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-26-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:4088947
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-03-2021
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Ayala Anthony Inspection ID:6652007
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST

CLARENCE OCHS OIL (Continued) **U001572195**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6082649
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:6082649
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Zmily Zanalee Inspection ID:5585264
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fernandez Juan Inspection ID:5158458
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5238513
Eval Division: San Diego County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-11-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5238513
Eval Division: San Diego County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

CLARENCE OCHS OIL (Continued) **U001572195**

Eval Date:	02-07-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Kieu Bridget Inspection ID:6082649
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5238513
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-26-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:4088947
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-07-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Calcagno Leonardo Inspection ID:5824296
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-10-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Zmily Zanalee Inspection ID:5585264
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Fernandez Juan Inspection ID:5158458
Eval Division:	San Diego County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-11-2015
Violations Found:	No
Eval Type:	Routine done by local agency

CLARENCE OCHS OIL (Continued) **U001572195**

Eval Notes:	Inspector: Fernandez Juan Inspection ID:5158458
Eval Division:	San Diego County Department of Env Health
Eval Program:	HW
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-13-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Zmily Zanalee Inspection ID:6388858
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-26-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:4088947
Eval Division:	San Diego County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-26-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Inspector: Oglesby Margaret Inspection ID:4088947
Eval Division:	San Diego County Department of Env Health
Eval Program:	UST
Eval Source:	CERS,

Coordinates:

Site ID:	106594
Facility Name:	Southern Counties Lubricants,LLC
Env Int Type Code:	HWG
Program ID:	10375627
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.141390
Longitude:	-117.190100

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported

CLARENCE OCHS OIL (Continued) **U001572195**

Affiliation Address:	P.O. Box 5765
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92863
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	SOUTHERN COUNTIES LUBRICANTS, 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:	,
Affiliation Type Desc:	Property Owner
Entity Name:	SMU Enterprises LLC
Entity Title:	Not reported
Affiliation Address:	P O BOX 5765
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92863
Affiliation Phone:	(714) 516-7300,
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Travis Becktal
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:	(949) 599-9572,
Affiliation Type Desc:	Identification Signer
Entity Name:	Travis Becktal
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:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Southern Counties Lubricants,LLC
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5765
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92863
Affiliation Phone:	(760) 744-5441,

CLARENCE OCHS OIL (Continued) **U001572195**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Scott Perry
Entity Title:	Not reported
Affiliation Address:	145 Via Vera Cruz
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Southern Counties Lubricants,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:	(760) 744-5441,

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	SMU Enterprises LLC
Entity Title:	Not reported
Affiliation Address:	PO Box 5765
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92863
Affiliation Phone:	(714) 516-7300,

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Southern Counties Lubricates, LLC
Entity Title:	Not reported
Affiliation Address:	145 Via Vera Cruz
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-5441,

Affiliation Type Desc:	UST Tank Operator
Entity Name:	Southern Counties Lubricates, LLC
Entity Title:	Not reported
Affiliation Address:	145 Via Vera Cruz
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-5441,

S92 **GRAND AVENUE METAL INDUSTRIAL BUILDINGS** **CPS-SLIC** **S103987173**
NNE **1031 GRAND AVENUE** **CERS** **N/A**
1/4-1/2 **SAN MARCOS, CA 92078**
0.363 mi.
1917 ft. **Site 1 of 5 in cluster S**

Relative:
Higher

Actual:
544 ft.

CPS-SLIC:

Name:	GRAND AVENUE METAL INDUSTRIAL BUILDINGS
Address:	1031 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92078
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/03/2012
Global Id:	T10000003199
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H39772-001
Latitude:	33.141144680727
Longitude:	-117.187943458557
Case Type:	Cleanup Program Site
Case Worker:	CB
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Soil
Potential Contaminants of Concern:	Benzene, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Please refer to "Site Maps/Documents" tab for Closure Letter/Summary

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	GRAND AVENUE METAL INDUSTRIAL BUILDINGS
Address:	1031 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	189718
CERS ID:	T10000003199
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CRAIG BURNETT - SAN DIEGO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	P.O. Box 129261
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8585056978,

S93 **CRIBWALL COMPANY SITE** **CPS-SLIC** **S111293383**
NNE **1023 GRAND AVENUE** **CERS** **N/A**
1/4-1/2 **SAN MARCOS, CA 92078**
0.364 mi.
1922 ft. **Site 2 of 5 in cluster S**

Relative:
Higher

Actual:
544 ft.

CPS-SLIC:

Name:	CRIBWALL COMPANY SITE
Address:	1023 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92078
Region:	STATE

CRIBWALL COMPANY SITE (Continued) **S111293383**

Facility Status:	**Completed - Case Closed**
Status Date:	07/03/2012
Global Id:	T10000003271
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H39774-001
Latitude:	33.140481
Longitude:	-117.187299
Case Type:	Cleanup Program Site
Case Worker:	CB
Local Agency:	SAN DIEGO COUNTY LOP
RB Case Number:	Not reported
File Location:	Local Agency
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Please refer to "Site Maps/Documents" tab for Closure Letter/Summary

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	CRIBWALL COMPANY SITE
Address:	1023 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	206187
CERS ID:	T10000003271
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CRAIG BURNETT - SAN DIEGO COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	P.O. Box 129261
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8585056978,

S94 **AMERICAN FENCE CO** **LUST** **S103621956**
NNE **1075 GRAND AV** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.366 mi.
1935 ft. **Site 3 of 5 in cluster S**

Relative:
Higher

Actual:
544 ft.

LUST:

Name:	AMERICAN FENCE CO
Address:	1075 GRAND AV
City,State,Zip:	SAN MARCOS, CA 920692602
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300116
Global Id:	T0607300116
Latitude:	33.141127
Longitude:	-117.188301
Status:	Completed - Case Closed
Status Date:	06/25/1992
Case Worker:	Not reported
RB Case Number:	9UT1109

AMERICAN FENCE CO (Continued) **S103621956**

Local Agency: Not reported
File Location: Local Agency
Local Case Number: H04437-001
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0607300116
Action Type: Other
Date: 12/15/1988
Action: Leak Reported

Global Id: T0607300116
Action Type: ENFORCEMENT
Date: 06/15/1992
Action: Closure/No Further Action Letter

Global Id: T0607300116
Action Type: Other
Date: 12/15/1988
Action: Leak Began

Global Id: T0607300116
Action Type: Other
Date: 12/15/1988
Action: Leak Stopped

Global Id: T0607300116
Action Type: ENFORCEMENT
Date: 12/19/1988
Action: Notice of Responsibility

Global Id: T0607300116
Action Type: Other
Date: 12/15/1988
Action: Leak Discovery

LUST:
Global Id: T0607300116
Status: Open - Case Begin Date
Status Date: 12/15/1988

Global Id: T0607300116
Status: Completed - Case Closed
Status Date: 06/25/1992

HIST CORTESE:
edr_fname: AMERICAN FENCE COMPANY
edr_fadd1: 1075 GRAND
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1109

S95 **AMERICAN FENCE CO** **SAN DIEGO CO. SAM** **S104745932**
NNE **1075 GRAND AV** **San Diego Co. HMMD** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **Cortese**
0.366 mi. **NPDES**
1935 ft. **Site 4 of 5 in cluster S** **SAN DIEGO CO LOP**
CERS

Relative:
Higher

Actual:
544 ft.

SAN DIEGO CO. SAM:

Name:	AMERICAN FENCE CO
Address:	1075 GRAND AV
City,State,Zip:	SAN MARCOS, CA 920692602
Case Number:	H04437-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - Federal Fund**
Facility Type:	Drinking Water Aquifer Impacted
Facility Status:	Closed Case
Date:	6/25/1992
Date Began:	12/15/1988

HMMD SAN DIEGO:

Name:	AMERICAN FENCE CO
Address:	1075 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	104437
Business Type:	6HK70
EPA Id Number:	CAL000159312
APN:	219-152-37-00
Last HMMD Inspection:	09/03/2003
Facility Telephone:	760-744-4124
Permit Status:	CHNG
Permit Expiration:	08/31/2003
Date Last Updated:	11/02/2012
Facility Owner:	J P VAN DENBURGH
Facility Mailing Address:	P O BOX 1899
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92079-1899
UST Owner:	J P VAN DENBURGH
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 104437 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	104437
Tank Type:	SINGLE WALL
Additional Id:	1
Capacity Gallons:	550
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1988-12-15 00:00:00
Year Installed:	1982-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	SUCTION

AMERICAN FENCE CO (Continued) **S104745932**

Monitor Code: 07
UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

Name: AMERICAN FENCE CO
Address: 1075 GRAND AV
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 200586
Business Type: 6HK70
EPA Id Number: CAL000159312
APN: 219-152-37-00
Last HMMD Inspection: 07/12/2012
Facility Telephone: 760-744-4124
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: DAVID S VAN DENBURGH
Facility Mailing Address: PO BOX 19040
Facility Mailing City: PHOENIX
Facility Mailing State: AZ
Facility Mailing Zip: 85005-9040
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 200586
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 200586
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 200586
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

AMERICAN FENCE CO (Continued) **S104745932**

Permit Number:	200586
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	PRESSURE RELEASE

Violations Active Permits:

Permit Number:	200586
Update Date:	11/02/2012
Inspection Date:	07/12/2012
Violation Code:	6HV1015
Violation:	EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation:	Did not have adequate employee training program 2732 &/or 25504(c)
Activity:	ACTIVE

Permit Number:	200586
Update Date:	11/02/2012
Inspection Date:	07/12/2012
Violation Code:	6HV1017
Violation:	HMBP NOT CERTIFIED ANNUALLY
Violation Citation:	Business Plan not certified annually. 25505(d) & (e)(2)
Activity:	ACTIVE

Permit Number:	200586
Update Date:	11/02/2012
Inspection Date:	07/12/2012
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE

Name:	AMERICAN FENCE CO
Address:	1075 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	200586
Business Type:	6HK70
EPA Id Number:	CAL000159312
APN:	219-152-37-00
Last HMMD Inspection:	07/12/2012
Facility Telephone:	760-744-4124
Permit Status:	OPEN
Permit Expiration:	08/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	DAVID S VAN DENBURGH
Facility Mailing Address:	PO BOX 19040
Facility Mailing City:	PHOENIX
Facility Mailing State:	AZ
Facility Mailing Zip:	85005-9040
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported

AMERICAN FENCE CO (Continued) **S104745932**

Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 200586
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 200586
Update Date: 11/02/2012
Case Number: 124-38-9
Name: CARBON DIOXIDE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 200586
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Permit Number: 200586
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: PRESSURE RELEASE

Violations Active Permits:
Permit Number: 200586
Update Date: 11/02/2012
Inspection Date: 07/12/2012
Violation Code: 6HV1015
Violation: EMPLOYEE TRAINING NOT ADEQUATE
Violation Citation: Did not have adequate employee training program 2732 &/or 25504(c)
Activity: ACTIVE

Permit Number: 200586
Update Date: 11/02/2012
Inspection Date: 07/12/2012
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

AMERICAN FENCE CO (Continued) **S104745932**

Permit Number:	200586
Update Date:	11/02/2012
Inspection Date:	07/12/2012
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE

CORTESE:

Name:	AMERICAN FENCE CO
Address:	1075 GRAND AV
City,State,Zip:	SAN MARCOS, CA 920692602
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607300116
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:	SAN MARCOS
Address:	1075 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92078
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:	Not reported
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

AMERICAN FENCE CO (Continued) **S104745932**

Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Returned
Status Date: 10/04/2021
Operator Name: AMERICAN FENCE COMPANY
Operator Address: 2502 NORTH 27TH AVENUE
Operator City: PHOENIX
Operator State: Arizona
Operator Zip: 85009

SAN DIEGO CO LOP:
Name: AMERICAN FENCE CO
Address: 1075 GRAND AVE
City,State,Zip: SAN MARCOS, CA 92069
Record ID: DEH1988-LSAM-H04437-001
Record Status: Completed
Opened Date: 12/15/1988
Parcel Number: 219-152-37-00
Case Type: LOP - Local Oversight Program
Historical Name: AMERICAN FENCE CO
SWRCB Global ID: T0607300116
Funding: F - LOP Federal Fund
Lead Agency: DEH/SAM
Lead Agency Date: 12/15/1988
Census Tract: 200.29
Community: San Marcos
Jurisdiction: SAN MARCOS
Watershed Basin Number: 904.52
Water Purveyor: VALLECITOS WATER DISTRICT
Fire Agency: SAN MARCOS FIRE PROT DIST
Latitude: 33.1410770
Longitude: -117.1882743
X MapCoord: 6274478.184
Y MapCoord: 1996274.984

CERS:
Name: BEMUS LANDSCAPE INC.
Address: 1075 GRAND AVE
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 595514
CERS ID: 10376017
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 595514
Site Name: Bemus Landscape Inc.
Violation Date: 07-07-2014
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 07/16/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP

AMERICAN FENCE CO (Continued) **S104745932**

Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5468288
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5080292
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 595514
Facility Name: Bemus Landscape Inc.
Env Int Type Code: HMBP
Program ID: 10376017
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.141080
Longitude: -117.188270

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Alejandro Rodriguez
Entity Title: HR Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Bemus Landscape Inc.
Entity Title: Not reported
Affiliation Address: P.O. Box 74268

AMERICAN FENCE CO (Continued) **S104745932**

Affiliation City:	San Clemente
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92673
Affiliation Phone:	(888) 557-7910,
Affiliation Type Desc:	Document Preparer
Entity Name:	alejandro rodriguez
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:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 74268
Affiliation City:	San Clemente
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92673
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Bemus Landscape 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:	(760) 880-9075,
Affiliation Type Desc:	Operator
Entity Name:	Bemus Landscape 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:	(888) 557-7910,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Alejandro Rodriguez
Entity Title:	Not reported
Affiliation Address:	P.O. Box 74268
Affiliation City:	San Clemente
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92673
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer

AMERICAN FENCE CO (Continued) **S104745932**

Entity Name: Alejandro Rodriguez
Entity Title: HR Manager & Safety
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Bemus Landscape 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: ,

Name: BEMUS LANDSCAPE INC.
Address: 1075 GRAND AVE
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 595514
CERS ID: 10882408
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 595514
Site Name: Bemus Landscape Inc.
Violation Date: 07-07-2014
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 07/16/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-26-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5468288
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Beacon Ellen Inspection ID:5080292

AMERICAN FENCE CO (Continued) **S104745932**

Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Coordinates:
Site ID: 595514
Facility Name: Bemus Landscape Inc.
Env Int Type Code: HMBP
Program ID: 10376017
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.141080
Longitude: -117.188270

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Identification Signer
Entity Name: Alejandro Rodriguez
Entity Title: HR Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Bemus Landscape Inc.
Entity Title: Not reported
Affiliation Address: P.O. Box 74268
Affiliation City: San Clemente
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92673
Affiliation Phone: (888) 557-7910,

Affiliation Type Desc: Document Preparer
Entity Name: alejandro rodriguez
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: ,

Affiliation Type Desc: Facility Mailing Address

AMERICAN FENCE CO (Continued) **S104745932**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. Box 74268
Affiliation City:	San Clemente
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92673
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Bemus Landscape 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:	(760) 880-9075,
Affiliation Type Desc:	Operator
Entity Name:	Bemus Landscape 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:	(888) 557-7910,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Alejandro Rodriguez
Entity Title:	Not reported
Affiliation Address:	P.O. Box 74268
Affiliation City:	San Clemente
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92673
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Alejandro Rodriguez
Entity Title:	HR Manager & Safety
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Bemus Landscape 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

AMERICAN FENCE CO (Continued) **S104745932**

Affiliation Phone: ,

Name: AMERICAN FENCE CO
Address: 1075 GRAND AV
City,State,Zip: SAN MARCOS, CA 920692602
Site ID: 207207
CERS ID: T0607300116
CERS Description: Leaking Underground Storage Tank Cleanup Site

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S96 **AMERICAN FENCE CO** **LUST** **S102423938**
NNE **1075 GRAND AVE** **SWEEPS UST** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.366 mi.
1935 ft. **Site 5 of 5 in cluster S**

Relative:
Higher

Actual:
544 ft.

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT1109
Local Case:	H04437-001
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency:	San Diego
How Found:	Tank Closure
How Stopped:	Close Tank
Source:	Unknown
Cause:	Structure Failure
Lead Agency:	Local Agency
Case Type:	Other ground water affected
Date Found:	12/16/1988
Date Stopped:	12/16/1988
Confirm Date:	12/15/1988
Submit Workplan:	Not reported
Prelim Assess:	07/06/1989
Desc Pollution:	Not reported
Remed Plan:	/ /
Remed Action:	1/15/90
Began Monitor:	Not reported
Release Date:	12/16/1988
Enforce Date:	Not reported
Closed Date:	6/15/92
Enforce Type:	Not reported
Pilot Program:	LOP
Basin Number:	904.52
GW Depth:	4
Beneficial Use:	Municipal groundwater use
NPDES Number:	Not reported
Priority:	High priority
File Dispn:	File discarded, case closed
Interim Remedial Actions:	Yes
Cleanup and Abatement order Number:	Not reported
Waste Discharge Requirement Number:	Not reported

SWEEPS UST:

AMERICAN FENCE CO (Continued) **S102423938**

Name:	AMERICAN FENCE CO
Address:	1075 GRAND AVE
City:	SAN MARCOS
Status:	Not reported
Comp Number:	4437
Number:	Not reported
Board Of Equalization:	44-022041
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004437-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

Name:	AMERICAN FENCE CO
Address:	1075 GRAND AVE
City:	SAN MARCOS
Status:	Active
Comp Number:	4437
Number:	9
Board Of Equalization:	44-022041
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

T97 **STAR BUILDERS SUPPLY** **LUST** **S105032736**
NE **961 GRAND AVE** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **San Diego Co. HMMD**
0.381 mi. **Cortese**
2010 ft. **Site 1 of 2 in cluster T** **ENF**
NPDES
Relative: **CIWQS**
Higher

Actual: **544 ft.**

LUST:

No Details:	No Details

SAN DIEGO CO. SAM:

Name:	STAR BUILDER SUPPLY
Address:	961 GRAND AV
City,State,Zip:	SAN MARCOS, CA 920692601
Case Number:	H03765-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - Federal Fund**

STAR BUILDERS SUPPLY (Continued) **S105032736**

Facility Type:	Soils Only
Facility Status:	Closed Case
Date:	6/20/1988
Date Began:	12/28/1987

HMMD SAN DIEGO:

Name:	STAR BUILDER SUPPLY
Address:	961 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	103765
Business Type:	Not reported
EPA Id Number:	Not reported
APN:	219-152-40-00
Last HMMD Inspection:	Not reported
Facility Telephone:	Not reported
Permit Status:	INAC
Permit Expiration:	Not reported
Date Last Updated:	11/02/2012
Facility Owner:	STAR BUILDER SUPPLY
Facility Mailing Address:	961 GRAND AV
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92069-2601
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

CORTESE:

Name:	STAR BUILDER SUPPLY
Address:	961 GRAND AV
City,State,Zip:	SAN MARCOS, CA 920692601
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607303116
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

STAR BUILDERS SUPPLY (Continued) **S105032736**

ENF:

Name:	GW EXTRACTION, LAS POSAS REACH FLOOD PROTECTION CONST DEWAT, CITY OF SAN MARCOS
Address:	961 - 1025 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92069
Region:	9
Facility Id:	771530
Agency Name:	San Marcos City
Place Type:	Development
Place Subtype:	Development Site, NEC
Facility Type:	All other facilities
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	33.14128
Place Longitude:	-117.18704
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:	0.09999
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:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	9 000002343
Reg Measure Id:	405850
Reg Measure Type:	Enrollee - NPDES
Region:	9
Order #:	R9-2015-0013
Npdes# CA#:	CAG919003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/06/2018
Effective Date:	06/24/2016
Expiration/Review Date:	06/30/2019

STAR BUILDERS SUPPLY (Continued) **S105032736**

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:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	431178
Region:	9
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	06/11/2019
Adoption/Issuance Date:	06/11/2019
Achieve Date:	Not reported
Termination Date:	06/11/2019
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL for San Marcos City
Description:	Not reported
Program:	NPDNONMUNIPRCS
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

Name:	GW EXTRACTION, LAS POSAS REACH FLOOD PROTECTION CONST DEWAT, CITY OF SAN MARCOS
Address:	961 - 1025 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92069
Region:	9
Facility Id:	771530
Agency Name:	San Marcos City
Place Type:	Development
Place Subtype:	Development Site, NEC
Facility Type:	All other facilities
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	33.14128
Place Longitude:	-117.18704
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

STAR BUILDERS SUPPLY (Continued) **S105032736**

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:	0.09999
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:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	9 000002343
Reg Measure Id:	405850
Reg Measure Type:	Enrollee - NPDES
Region:	9
Order #:	R9-2015-0013
Npdes# CA#:	CAG919003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/06/2018
Effective Date:	06/24/2016
Expiration/Review Date:	06/30/2019
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:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	420913
Region:	9
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	04/17/2018
Adoption/Issuance Date:	04/17/2018
Achieve Date:	Not reported
Termination Date:	04/17/2018
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 04/17/2018 for San Marcos City

STAR BUILDERS SUPPLY (Continued) **S105032736**

Description:	Not reported
Program:	NPDNONMUNIPRCS
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
Name:	GW EXTRACTION, LAS POSAS REACH FLOOD PROTECTION CONST DEWAT, CITY OF SAN MARCOS
Address:	961 - 1025 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92069
Region:	9
Facility Id:	771530
Agency Name:	San Marcos City
Place Type:	Development
Place Subtype:	Development Site, NEC
Facility Type:	All other facilities
Agency Type:	City Agency
# Of Agencies:	1
Place Latitude:	33.14128
Place Longitude:	-117.18704
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:	0.09999
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:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	9 000002343
Reg Measure Id:	405850
Reg Measure Type:	Enrollee - NPDES
Region:	9
Order #:	R9-2015-0013

STAR BUILDERS SUPPLY (Continued) **S105032736**

Npdes# CA#:	CAG919003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Active
Status Date:	07/06/2018
Effective Date:	06/24/2016
Expiration/Review Date:	06/30/2019
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:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	409784
Region:	9
Order / Resolution Number:	Not reported
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	10/17/2016
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	10/17/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL for San Marcos City
Description:	Not reported
Program:	NPDNONMUNIPRCS
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

NPDES:

Name:	GW EXTRACTION, LAS POSAS REACH FLOOD PROTECTION CONST DEWAT, CITY OF SAN MARCOS
Address:	961 - 1025 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92069
Facility Status:	Historical
NPDES Number:	Not reported
Region:	9
Agency Number:	369584
Regulatory Measure ID:	405850
Place ID:	771530

STAR BUILDERS SUPPLY (Continued) **S105032736**

Order Number:	Not reported
WDID:	Not reported
Regulatory Measure Type:	Enrollee - NPDES
Program Type:	NPDNONMUNIPRCS
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	06/24/2016
Termination Date Of Regulatory Measure:	12/10/2020
Expiration Date Of Regulatory Measure:	06/30/2019
Discharge Address:	1 Civic Center Drive
Discharge Name:	San Marcos City
Discharge City:	San Marcos
Discharge State:	CA
Discharge Zip:	92069
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

CIWQS:

Name:	GW EXTRACTION, LAS POSAS REACH FLOOD PROTECTION CONST DEWAT, CITY OF SAN MARCOS
Address:	961 - 1025 GRAND AVENUE
City,State,Zip:	SAN MARCOS, CA 92069
Agency:	San Marcos City
Agency Address:	1 Civic Center Drive, San Marcos, CA 92069
Place/Project Type:	Development Site, NEC
SIC/NAICS:	Not reported
Region:	9
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee - NPDES
Order Number:	R9-2015-0013
WDID:	Not reported
NPDES Number:	Not reported
Adoption Date:	Not reported
Effective Date:	06/24/2016
Termination Date:	12/10/2020
Expiration/Review Date:	06/30/2019
Design Flow:	0.09999
Major/Minor:	Minor
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	7
Latitude:	33.14128
Longitude:	-117.18704

T98 **STAR BUILDERS SUPPLY OF SAN MA** **LUST** **U001572229**
NE **961 GRAND AVE** **HIST UST** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **HIST CORTESE**
0.381 mi. **SAN DIEGO CO LOP**
2010 ft. **Site 2 of 2 in cluster T** **CERS**

Relative:
Higher

Actual:
544 ft.

LUST:

Name:	STAR BUILDER SUPPLY
Address:	961 GRAND AV
City,State,Zip:	SAN MARCOS, CA 920692601
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607303116
Global Id:	T0607303116
Latitude:	33.140096
Longitude:	-117.185687
Status:	Completed - Case Closed
Status Date:	06/20/1988
Case Worker:	Not reported
RB Case Number:	9UT872
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	H03765-001
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0607303116
Action Type:	Other
Date:	12/28/1987
Action:	Leak Began

Global Id:	T0607303116
Action Type:	Other
Date:	12/28/1987
Action:	Leak Reported

Global Id:	T0607303116
Action Type:	Other
Date:	12/28/1987
Action:	Leak Stopped

Global Id:	T0607303116
Action Type:	Other
Date:	12/28/1987
Action:	Leak Discovery

LUST:

Global Id:	T0607303116
Status:	Open - Case Begin Date
Status Date:	12/28/1987

Global Id:	T0607303116
Status:	Completed - Case Closed
Status Date:	06/20/1988

STAR BUILDERS SUPPLY OF SAN MA (Continued) **U001572229**

HIST UST:

Name:	STAR BUILDERS SUPPLY OF SAN MA
Address:	961 GRAND AVE
City,State,Zip:	SAN MARCOS, CA 92069
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000004457
Facility Type:	Other
Other Type:	BUILDING SUPPLY SALE
Contact Name:	B. R. SLAY
Telephone:	6197443240
Owner Name:	STAR BUILDERS SUPPLY OF SAN MA
Owner Address:	961 GRAND AVENUE
Owner City,St,Zip:	SAN MARCOS, CA 92069
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1970
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	12
Leak Detection:	Stock Inventor

HIST CORTESE:

edr_fname:	STAR BUILDERS SUPPLY
edr_fadd1:	961 GRAND
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT872

SAN DIEGO CO LOP:

Name:	STAR BUILDER SUPPLY
Address:	961 GRAND AVE
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1987-LSAM-H03765-001
Record Status:	Completed
Opened Date:	12/28/1987
Parcel Number:	219-152-40-00
Case Type:	LOP - Local Oversight Program
Historical Name:	STAR BUILDER SUPPLY
SWRCB Global ID:	T0607303116
Funding:	F - LOP Federal Fund
Lead Agency:	DEH/SAM
Lead Agency Date:	01/05/1988
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1400311

STAR BUILDERS SUPPLY OF SAN MA (Continued) **U001572229**

Longitude: -117.1857302
X MapCoord: 6275271.975
Y MapCoord: 1995902.570

CERS:
Name: STAR BUILDER SUPPLY
Address: 961 GRAND AV
City,State,Zip: SAN MARCOS, CA 920692601
Site ID: 237302
CERS ID: T0607303116
CERS Description: Leaking Underground Storage Tank Cleanup Site

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U99 **ARMORED TRANSPORT** **LUST** **S105033892**
WNW **1444 ALPINE PL** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **San Diego Co. HMMD**
0.381 mi. **SWEEPS UST**
2013 ft. **Site 1 of 2 in cluster U** **Cortese**
NPDES

Relative:
Higher

Actual:
533 ft.

LUST:
No Details: No Details

SAN DIEGO CO. SAM:
Name: ARCUS DATA SECURITY, INC
Address: 1444 ALPINE PL
City,State,Zip: SAN MARCOS, CA 920693801
Case Number: H04297-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 4/4/1991
Date Began: 10/19/1988

HMMD SAN DIEGO:
Name: ARCUS DATA SECURITY, INC
Address: 1444 ALPINE PL
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 104297
Business Type: Not reported
EPA Id Number: Not reported
APN: DEH-104297
Last HMMD Inspection: 01/18/1995
Facility Telephone: 619-744-0277
Permit Status: INAC
Permit Expiration: Not reported
Date Last Updated: 11/02/2012
Facility Owner: ARMORED TRANSPORT OF CALIF INC
Facility Mailing Address: 288 NAVAJO ST
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92069-
UST Owner: ARMORED TRANSPORT OF CALIF INC
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported

ARMORED TRANSPORT (Continued) **S105033892**

Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 104297 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 104297
Tank Type: DOUBLE WALL
Additional Id: 01 DIESEL
Capacity Gallons: 10000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1995-03-28 00:00:00
Year Installed: 1979-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 104297 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 104297
Tank Type: DOUBLE WALL
Additional Id: 02
Capacity Gallons: 10000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1990-08-14 00:00:00
Year Installed: 1979-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 104297 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 104297
Tank Type: SINGLE WALL
Additional Id: 03
Capacity Gallons: 2000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED
Remove Close Date: 1990-08-14 00:00:00
Year Installed: 1979-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

SWEEPS UST:

ARMORED TRANSPORT (Continued) **S105033892**

Name:	ARMORED TRANSPORT OF CAL INC
Address:	1444 ALPINE PL
City:	SAN MARCOS
Status:	Not reported
Comp Number:	4297
Number:	Not reported
Board Of Equalization:	44-022023
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004297-000002
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	ARMORED TRANSPORT OF CAL INC
Address:	1444 ALPINE PL
City:	SAN MARCOS
Status:	Not reported
Comp Number:	4297
Number:	Not reported
Board Of Equalization:	44-022023
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004297-000003
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	OTHER
Number Of Tanks:	Not reported

Name:	ARMORED TRANSPORT OF CAL INC
Address:	1444 ALPINE PL
City:	SAN MARCOS
Status:	Active
Comp Number:	4297
Number:	9
Board Of Equalization:	44-022023
Referral Date:	Not reported
Action Date:	06-26-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004297-000001
Tank Status:	A
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	P

ARMORED TRANSPORT (Continued) **S105033892**

Content: OTHER
Number Of Tanks: 1

CORTESE:
Name: ARCUS DATA SECURITY, INC
Address: 1444 ALPINE PL
City,State,Zip: SAN MARCOS, CA 920693801
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607300574
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: 1254 INDUSTRIES LLC
Address: 1444 ALPINE PL
City,State,Zip: SAN MARCOS, CA 92078
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: 9 37NEC003002
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: Terminated
Status Date: 10/16/2018
Operator Name: 1254 Industries LLC
Operator Address: 1444 Alpine Pl

ARMORED TRANSPORT (Continued) **S105033892**

Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	483541
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37NEC003002
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/21/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	1254 Industries LLC
Discharge Address:	1444 Alpine Pl
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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

ARMORED TRANSPORT (Continued) **S105033892**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	483541
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC003002
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:	02/15/2017
Processed Date:	02/21/2017
Status:	Active
Status Date:	02/21/2017
Place Size:	6839
Place Size Unit:	SqFt
Contact:	Jeff Casebier
Contact Title:	President
Contact Phone:	760-798-8531
Contact Phone Ext:	Not reported
Contact Email:	shannonc@1254industries.com
Operator Name:	1254 Industries LLC
Operator Address:	1444 Alpine Pl
Operator City:	San Marcos
Operator State:	California

ARMORED TRANSPORT (Continued) **S105033892**

Operator Zip:	92078
Operator Contact:	Jeff Casebier
Operator Contact Title:	President
Operator Contact Phone:	760-798-8531
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	shannonc@1254industries.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:	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:	1254 Industries LLC
Certifier:	Jeff Casebier
Certifier Title:	President
Certification Date:	15-FEB-17
Primary Sic:	3999-Manufacturing Industries, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

U100 **ARMORED TRANSPORT OF CAL INC** **LUST** **U001572190**
WNW **1444 ALPINE PLACE** **HIST UST** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **HIST CORTESE**
0.381 mi. **CERS**
2013 ft. **Site 2 of 2 in cluster U**

Relative:
Higher

Actual:
533 ft.

LUST:

Name:	ARCUS DATA SECURITY, INC
Address:	1444 ALPINE PL
City,State,Zip:	SAN MARCOS, CA 920693801
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300574
Global Id:	T0607300574
Latitude:	33.137597

ARMORED TRANSPORT OF CAL INC (Continued) **U001572190**

Longitude:	-117.198356
Status:	Completed - Case Closed
Status Date:	04/04/1991
Case Worker:	Not reported
RB Case Number:	9UT1783
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	H04297-001
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0607300574
Action Type:	Other
Date:	10/19/1988
Action:	Leak Reported

Global Id:	T0607300574
Action Type:	Other
Date:	10/19/1988
Action:	Leak Began

Global Id:	T0607300574
Action Type:	Other
Date:	08/14/1990
Action:	Leak Stopped

Global Id:	T0607300574
Action Type:	Other
Date:	10/19/1988
Action:	Leak Discovery

LUST:

Global Id:	T0607300574
Status:	Open - Case Begin Date
Status Date:	10/19/1988

Global Id:	T0607300574
Status:	Completed - Case Closed
Status Date:	04/04/1991

HIST UST:

Name:	ARMORED TRANSPORT OF CAL INC
Address:	1444 ALPINE PLACE
City,State,Zip:	SAN MARCOS, CA 92069
File Number:	0002F202
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F202.pdf
Region:	STATE
Facility ID:	00000019510
Facility Type:	Other
Other Type:	TRANSPORTATION/VALUA
Contact Name:	WILLIAM R. STADLER
Telephone:	6197449616
Owner Name:	ROBERT G. IRVIN ARMORED TRANSP
Owner Address:	P.O. BOX 15060, 1612 W. PICO B

ARMORED TRANSPORT OF CAL INC (Continued) **U001572190**

Owner City,St,Zip: LOS ANGELES, CA 90015
Total Tanks: 0003

Tank Num: 001
Container Num: 01
Year Installed: 1979
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4"
Leak Detection: Visual, Stock Inventor

Tank Num: 002
Container Num: 02
Year Installed: 1979
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4"
Leak Detection: Visual, Stock Inventor

Tank Num: 003
Container Num: 03
Year Installed: 1979
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4"
Leak Detection: Visual, Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:
edr_fname: ARMORED TRANSPORT
edr_fadd1: 1444 ALPINE
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1783

CERS:
Name: ARCUS DATA SECURITY, INC
Address: 1444 ALPINE PL
City,State,Zip: SAN MARCOS, CA 920693801
Site ID: 187705
CERS ID: T0607300574
CERS Description: Leaking Underground Storage Tank Cleanup Site

V101 **R.D. WALTER TRUCKING** **LUST** **S101302220**
ENE **174 BENT** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.423 mi.
2232 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
547 ft.

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT1540
Local Case:	H02912-001
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Local Agency:	San Diego
How Found:	Tank Closure
How Stopped:	Close Tank
Source:	Tank
Cause:	Overfill
Lead Agency:	Local Agency
Case Type:	Other ground water affected
Date Found:	08/10/1989
Date Stopped:	08/10/1989
Confirm Date:	08/22/1989
Submit Workplan:	4/26/92
Prelim Assess:	11/20/1992
Desc Pollution:	Not reported
Remed Plan:	/ /
Remed Action:	Not reported
Began Monitor:	Not reported
Release Date:	10/12/1989
Enforce Date:	Not reported
Closed Date:	11/3/95
Enforce Type:	Not reported
Pilot Program:	LOP
Basin Number:	904.52
GW Depth:	8’
Beneficial Use:	Municipal groundwater use
NPDES Number:	Not reported
Priority:	1C
File Dispn:	File discarded, case closed
Interim Remedial Actions:	Yes
Cleanup and Abatement order Number:	Not reported
Waste Discharge Requirement Number:	Not reported

HIST CORTESE:

edr_fname:	R.D. WALTER TRUCKING
edr_fadd1:	174 BENT
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT1540

102
NNE
1/4-1/2
0.431 mi.
2274 ft.

SPANJIAN/ DUFOUR
1050 LOS VALLECITOS
SAN MARCOS, CA 92069

SAN DIEGO CO. SAM
CPS-SLIC
CERS

S105692328
N/A

Relative:
Higher

Actual:
547 ft.

SAN DIEGO CO. SAM:

Name:	SPANJIAN BLDG
Address:	1050 LOS VALLECITOS BL
City,State,Zip:	SAN MARCOS, CA 920691410
Case Number:	H29237-001
Agency:	CA Regional Water Quality Control Board
Funding:	**Non Billable**
Facility Type:	Soils Only
Facility Status:	Remedial Action (Clean-Up)
Date:	7/10/1989
Date Began:	7/10/1989

SLIC REG 9:

Name:	SPANJIAN/ DUFOUR
Address:	1050 LOS VALLECITOS
City:	SAN MARCOS
Region:	9
Facilty Type:	Cleanup And Abatement Order
Status:	Dead
Sort Code:	20-0020.05
Waste Discharger Id:	Not reported
Local Case Num:	Not reported
Responsible Party:	SPANJIAN
Category:	ENFORCEMENT
Class:	SLIC
Order Number:	92-82
File Number:	1
Date Entered:	09/1981
End Date:	11/1989
Archive Box #:	909
Archive Box Storage:	3-1-12R
Archive Box Storage Location:	Not reported
Remarks:	Not reported

Name:	SPANJIAN/ DUFOUR
Address:	1050 LOS VALLECITOS
City:	SAN MARCOS
Region:	9
Facilty Type:	Cleanup And Abatement Order
Status:	Dead
Sort Code:	20-0020.05
Waste Discharger Id:	Not reported
Local Case Num:	Not reported
Responsible Party:	SPANJIAN
Category:	ENFORCEMENT
Class:	SLIC
Order Number:	92-82
File Number:	2
Date Entered:	12/1989
End Date:	03/1991
Archive Box #:	909
Archive Box Storage:	3-1-12R
Archive Box Storage Location:	Not reported

SPANJIAN/ DUFOUR (Continued) **S105692328**

Remarks: Not reported

Name: SPANJIAN/ DUFOUR
Address: 1050 LOS VALLECITOS
City: SAN MARCOS
Region: 9
Facilty Type: Cleanup And Abatement Order
Status: Dead
Sort Code: 20-0020.05
Waste Discharger Id: Not reported
Local Case Num: Not reported
Responsible Party: SPANJIAN
Category: ENFORCEMENT
Class: SLIC
Order Number: 92-82
File Number: 3
Date Entered: 04/1991
End Date: 08/1992
Archive Box #: 909
Archive Box Storage: 3-1-12R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: SPANJIAN/ DUFOUR
Address: 1050 LOS VALLECITOS
City: SAN MARCOS
Region: 9
Facilty Type: Cleanup And Abatement Order
Status: Dead
Sort Code: 20-0020.05
Waste Discharger Id: Not reported
Local Case Num: Not reported
Responsible Party: SPANJIAN
Category: ENFORCEMENT
Class: SLIC
Order Number: 92-82
File Number: 4
Date Entered: 08/1992
End Date: 10/1992
Archive Box #: 909
Archive Box Storage: 3-1-12R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: SPANJIAN/ DUFOUR
Address: 1050 LOS VALLECITOS
City: SAN MARCOS
Region: 9
Facilty Type: Cleanup And Abatement Order
Status: Dead
Sort Code: 20-0020.05
Waste Discharger Id: Not reported
Local Case Num: Not reported
Responsible Party: SPANJIAN
Category: ENFORCEMENT
Class: SLIC
Order Number: 93-22

SPANJIAN/ DUFOUR (Continued) **S105692328**

File Number: 5
Date Entered: 11/1992
End Date: 02/1994
Archive Box #: 909
Archive Box Storage: 3-1-12R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: SPANJIAN/ DUFOUR
Address: 1050 LOS VALLECITOS
City: SAN MARCOS
Region: 9
Facilty Type: Cleanup And Abatement Order
Status: Open
Sort Code: 20-0020.05
Waste Discharger Id: Not reported
Local Case Num: Not reported
Responsible Party: SPANJIAN
Category: ENFORCEMENT
Class: SLIC
Order Number: 93-22
File Number: 6
Date Entered: 03/1994
End Date: Not reported
Archive Box #: 0
Archive Box Storage: Not reported
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: SPANJIAN/ DUFOUR
Address: 1050 LOS VALLECITOS
City: SAN MARCOS
Region: 9
Facilty Type: Cleanup And Abatement Order
Status: Dead
Sort Code: 20-0020.051
Waste Discharger Id: Not reported
Local Case Num: Not reported
Responsible Party: SPANJIAN
Category: ENF. REPORT
Class: SLIC
Order Number: 92-82
File Number: 1
Date Entered: 06/1989
End Date: 09/1991
Archive Box #: 909
Archive Box Storage: 3-1-12R
Archive Box Storage Location: Not reported
Remarks: Not reported

Name: SPANJIAN/ DUFOUR
Address: 1050 LOS VALLECITOS
City: SAN MARCOS
Region: 9
Facilty Type: Cleanup And Abatement Order
Status: Dead
Sort Code: 20-0020.051

SPANJIAN/ DUFOUR (Continued) **S105692328**

Waste Discharger Id:	Not reported
Local Case Num:	Not reported
Responsible Party:	SPANJIAN
Category:	ENF. REPORT
Class:	SLIC
Order Number:	93-22
File Number:	2
Date Entered:	10/1991
End Date:	03/1996
Archive Box #:	909
Archive Box Storage:	3-1-12R
Archive Box Storage Location:	Not reported
Remarks:	Not reported

Name:	SPANJIAN/ DUFOUR
Address:	1050 LOS VALLECITOS
City:	SAN MARCOS
Region:	9
Facilty Type:	Cleanup And Abatement Order
Status:	Open
Sort Code:	20-0020.051
Waste Discharger Id:	Not reported
Local Case Num:	Not reported
Responsible Party:	SPANJIAN
Category:	ENF. REPORT
Class:	SLIC
Order Number:	92-82
File Number:	3
Date Entered:	04/1996
End Date:	Not reported
Archive Box #:	0
Archive Box Storage:	Not reported
Archive Box Storage Location:	Not reported
Remarks:	Not reported

CPS-SLIC:

Name:	NORTH COUNTY FACTORY OUTLET (FORMERLY SPANJIAN/DUFOUR)
Address:	1050 LOS VALLECITOS BLVD.
City,State,Zip:	SAN MARCOS, CA 92069
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/30/2014
Global Id:	SL0607396081
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Lead Agency Case Number:	H29237-001
Latitude:	33.1427302606866
Longitude:	-117.186827659607
Case Type:	Cleanup Program Site
Case Worker:	SM
Local Agency:	Not reported
RB Case Number:	2090027
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	1,1,1-Trichloroethane (TCA), Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Stoddard solvent / Mineral Spriits / Distillates

SPANJIAN/ DUFOUR (Continued) **S105692328**

Site History: The North County Factory Outlet site is occupied by a single story, high-bay type, office-warehouse-shop building with 106,157 square feet (ft2) of area and an attached 2-story parking garage with associated asphalt parking areas and driveways and surrounding landscaped areas. The Site was undeveloped land until it was developed beginning in 1970 with the new Spanjian Sportswear, Inc. facility. They built the facility and operated there from 1971 to 1985.

Click here to access the California GeoTracker records for this facility:

CERS:
Name: NORTH COUNTY FACTORY OUTLET (FORMERLY SPANJIAN/DUFOUR)
Address: 1050 LOS VALLECITOS BLVD.
City,State,Zip: SAN MARCOS, CA 92069
Site ID: 200691
CERS ID: SL0607396081
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: SEAN MCCLAIN - SAN DIEGO RWQCB (REGION 9)
Entity Title: Not reported
Affiliation Address: 2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6195213374,

V103 **WALTER TRUCKING, INC, R.D.** **LUST** **S100726069**
ENE **173 S BENT AV** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **San Diego Co. HMMD**
0.436 mi. **Cortese**
2302 ft. **Site 2 of 2 in cluster V** **CERS**

Relative: Higher
Actual: 547 ft.

LUST:
Name: WALTER TRUCKING, INC, R.D.
Address: 173 S BENT AV
City,State,Zip: SAN MARCOS, CA 920694201
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300359
Global Id: T0607300359
Latitude: 33.1373101
Longitude: -117.1822843
Status: Completed - Case Closed
Status Date: 11/03/1995
Case Worker: Not reported
RB Case Number: 9UT1540
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H02912-001
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: Not reported

WALTER TRUCKING, INC, R.D. (Continued) **S100726069**

LUST:
Global Id: T0607300359
Action Type: Other
Date: 08/10/1989
Action: Leak Reported

Global Id: T0607300359
Action Type: ENFORCEMENT
Date: 10/13/1989
Action: Notice of Responsibility

Global Id: T0607300359
Action Type: Other
Date: 08/10/1989
Action: Leak Began

Global Id: T0607300359
Action Type: Other
Date: 08/10/1989
Action: Leak Stopped

Global Id: T0607300359
Action Type: Other
Date: 08/10/1989
Action: Leak Discovery

LUST:
Global Id: T0607300359
Status: Open - Case Begin Date
Status Date: 08/10/1989

Global Id: T0607300359
Status: Completed - Case Closed
Status Date: 11/03/1995

SAN DIEGO CO. SAM:
Name: WALTER TRUCKING, INC, R.D.
Address: 173 S BENT AV
City,State,Zip: SAN MARCOS, CA 920694201
Case Number: H02912-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Closed Case
Date: 11/3/1995
Date Began: 8/10/1989

HMMD SAN DIEGO:
Name: WALTER TRUCKING, INC, R.D.
Address: 173 S BENT AV
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 102912
Business Type: 6HK26
EPA Id Number: CAL000020336

WALTER TRUCKING, INC, R.D. (Continued) **S100726069**

APN:	219-180-27-00
Last HMMD Inspection:	01/02/2001
Facility Telephone:	619-744-1465
Permit Status:	INAC
Permit Expiration:	01/02/2001
Date Last Updated:	11/02/2012
Facility Owner:	BOB WALTER
Facility Mailing Address:	1531 W MISSION RD #F
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92069-1255
UST Owner:	R D WALTER TRUCKING INC
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 102912 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	102912
Tank Type:	SINGLE WALL
Additional Id:	101
Capacity Gallons:	10000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	REMOVED
Remove Close Date:	1989-10-08 00:00:00
Year Installed:	1970-01-01 00:00:00
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

CORTESE:

Name:	WALTER TRUCKING, INC, R.D.
Address:	173 S BENT AV
City,State,Zip:	SAN MARCOS, CA 920694201
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607300359
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

WALTER TRUCKING, INC, R.D. (Continued) **S100726069**

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:	WALTER TRUCKING, INC, R.D.
Address:	173 S BENT AV
City,State,Zip:	SAN MARCOS, CA 920694201
Site ID:	211105
CERS ID:	T0607300359
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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104 **SAN MARCOS MINI STORAGE SITE** **SEMS-ARCHIVE** **1003879624**
ENE **165 S. BENT AVE** **PRP** **CAD983615154**
1/4-1/2 **SAN MARCOS, CA 92069**
0.436 mi.
2302 ft.

Relative:
Higher

Actual:
547 ft.

SEMS Archive:

Site ID:	0904230
EPA ID:	CAD983615154
Name:	SAN MARCOS MINI STORAGE SITE
Address:	165 S. BENT AVE
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92069
Cong District:	43
FIPS Code:	06073
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Archive Detail:

Region:	09
Site ID:	0904230
EPA ID:	CAD983615154
Site Name:	SAN MARCOS MINI STORAGE SITE
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-01-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0904230
EPA ID:	CAD983615154
Site Name:	SAN MARCOS MINI STORAGE SITE
NPL:	N
FF:	N
OU:	00
Action Code:	RV

SAN MARCOS MINI STORAGE SITE (Continued) **1003879624**

Action Name:	RMVL
SEQ:	1
Start Date:	1992-01-06 05:00:00
Finish Date:	1992-01-08 05:00:00
Qual:	C
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904230
EPA ID:	CAD983615154
Site Name:	SAN MARCOS MINI STORAGE SITE
NPL:	N
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1992-02-03 05:00:00
Finish Date:	1992-02-03 05:00:00
Qual:	V
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0904230
EPA ID:	CAD983615154
Site Name:	SAN MARCOS MINI STORAGE SITE
NPL:	N
FF:	N
OU:	00
Action Code:	RC
Action Name:	RVL CRP
SEQ:	1
Start Date:	1992-01-06 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

PRP:

PRP Name:	RICHARD CAMPBELL SAN MARCOS MINI STORAGE

W105 **LLOYD PEST CONTROL** **LUST** **S104406477**
East **223 BENT** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.438 mi.
2314 ft. **Site 1 of 2 in cluster W**

Relative:
Higher

Actual:
543 ft.

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT3270
Local Case:	H11497-001
Substance:	Unleaded Gasoline
Qty Leaked:	0
Abate Method:	Pump and Treat Ground Water - generally employed to remove dissolved contaminants
Local Agency:	San Diego

LLOYD PEST CONTROL (Continued) **S104406477**

How Found: Tank Closure
How Stopped: Close Tank
Source: Tank
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 11/12/1996
Date Stopped: / /
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 11/12/1996
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 11/12/1996
Enforce Date: Not reported
Closed Date: 7/11/00
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.52
GW Depth: 7.35
Beneficial Use: MUNBU
NPDES Number: Not reported
Priority: High priority
File Dispn: Administratively opened on database, however no file physically exists
Interim Remedial Actions: Not reported
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HIST CORTESE:
edr_fname: LLOYD PEST CONTROL
edr_fadd1: 223 BENT
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3270

106
WNW
1/4-1/2
0.443 mi.
2338 ft.

Relative:
Higher

Actual:
547 ft.

MACDERMID PRINTING SOLUTIONS
260 SOUTH PACIFIC STREET
SAN MARCOS, CA 92078

RCRA-LQG **1000344725**
ENVIROSTOR **CAD063237341**
LUST
SWEEPS UST
HIST UST
Cortese
ENF
HIST CORTESE
WDS
CERS

RCRA-LQG:
Date Form Received by Agency: 20160229
Handler Name: MACDERMID PRINTING SOLUTIONS
Handler Address: 260 SOUTH PACIFIC STREET
Handler City,State,Zip: SAN MARCOS, CA 92078
EPA ID: CAD063237341
Contact Name: RICHARD NAVE

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Contact Address:	FREIGHT STREET
Contact City,State,Zip:	WATERBURY, CT 06702
Contact Telephone:	203-575-5747
Contact Fax:	Not reported
Contact Email:	RICHARD.NAVE@MACDERMID.COM
Contact Title:	CORPORATE DIRECTOR EH&S
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2015
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	SOUTH PACIFIC STREET
Mailing City,State,Zip:	SAN MARCOS, CA 92078
Owner Name:	MACDERMID, INC.
Owner Type:	Private
Operator Name:	MACDERMID, INC.
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

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

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:	20161104
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:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2011

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
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:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D011
Waste Description: SILVER

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D036
Waste Description: NITROBENZENE

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.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: P022
Waste Description: CARBON DISULFIDE

Waste Code: P105
Waste Description: SODIUM AZIDE

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Waste Code: U008
Waste Description: 2-PROPENOIC ACID (I) (OR) ACRYLIC ACID (I)

Waste Code: U037
Waste Description: BENZENE, CHLORO- (OR) CHLOROBENZENE

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U052
Waste Description: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U138
Waste Description: METHANE, IODO- (OR) METHYL IODIDE

Waste Code: U147
Waste Description: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U162
Waste Description: 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

Waste Code: U196
Waste Description: PYRIDINE

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U209
Waste Description: 1,1,2,2-TETRACHLOROETHANE (OR) ETHANE, 1,1,2,2-TETRACHLORO-

Waste Code: U213
Waste Description: FURAN, TETRAHYDRO-(I) (OR) TETRAHYDROFURAN (I)

Waste Code: U227
Waste Description: 1,1,2-TRICHLOROETHANE (OR) ETHANE, 1,1,2-TRICHLORO-

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MACDERMID INC.
Legal Status: Private
Date Became Current: 19990201
Date Ended Current: Not reported
Owner/Operator Address: 245 FREIGHT ST.
Owner/Operator City,State,Zip: WATERBURY, CT 06702
Owner/Operator Telephone: 203-575-5700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MACDERMID INC.
Legal Status:	Private
Date Became Current:	19990201
Date Ended Current:	Not reported
Owner/Operator Address:	245 FREIGHT ST.
Owner/Operator City,State,Zip:	WATERBURY, CT 06702
Owner/Operator Telephone:	203-575-5700
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:	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:	Owner
Owner/Operator Name:	MACDERMID INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	245 FREIGHT ST
Owner/Operator City,State,Zip:	WATERBURY, CT 06702
Owner/Operator Telephone:	203-575-5661
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	MACDERMID, INC.
Legal Status:	Private
Date Became Current:	19991201
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:	MACDERMID, INC.
Legal Status:	Private
Date Became Current:	19991201
Date Ended Current:	Not reported
Owner/Operator Address:	245 FREIGHT STREET
Owner/Operator City,State,Zip:	WATERBURY, CT 06702

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Owner/Operator Telephone: 203-575-5700
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20120227
Handler Name: MACDERMID PRINTING SOLUTIONS
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: 20160229
Handler Name: MACDERMID PRINTING SOLUTIONS
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

Receive Date: 19960901
Handler Name: MACDERMID PRINTING SOLUTIONS
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: 20020725
Handler Name: MACDERMID PRINTING SOLUTIONS
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

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Receive Date:	19900409
Handler Name: NAPP SYSTEMS USA INC	
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:	19920228
Handler Name: NAPP SYSTEMS, INC	
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:	19960226
Handler Name: NAPP SYSTEMS, INC.	
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:	19990304
Handler Name: NAPP SYSTEMS INC	
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:	20001012
Handler Name: NAPP SYSTEMS INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

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: 323122
NAICS Description: PREPRESS SERVICES

NAICS Code: 325992
NAICS Description: PHOTOGRAPHIC FILM, PAPER, PLATE, CHEMICAL, AND COPY TONER MANUFACTURING

NAICS Code: 333293
NAICS Description: PRINTING MACHINERY AND EQUIPMENT MANUFACTURING

NAICS Code: 33991
NAICS Description: JEWELRY AND SILVERWARE MANUFACTURING

NAICS Code: 541712
NAICS Description: RESEARCH AND DEVELOPMENT IN THE PHYSICAL, ENGINEERING, AND LIFE SCIENCES (EXCEPT BIOTECHNOLOGY)

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19911217
Actual Return to Compliance Date: 19930223
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19901207
Actual Return to Compliance Date:	19911217
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19930223
Actual Return to Compliance Date:	19980223
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19911217
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930223
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19901207
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19911217
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930223
Evaluation Responsible Agency: State Contractor/Grantee

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980223
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ENVIROSTOR:

Name:	NAPP SYSTEMS, INC.
Address:	360 S. PACIFIC STREET
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	71002510
Status:	Inactive - Needs Evaluation
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 Cypress
Assembly:	75
Senate:	38
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.13984
Longitude:	-117.1983
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD063237341
Alias Type:	EPA Identification Number
Alias Name:	71002510
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

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

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: NAPP SYSTEMS *
Address: 360 PACIFIC ST S
City,State,Zip: SAN MARCOS, CA 92069
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302457
Global Id: T0607302457
Latitude: 33.1398442
Longitude: -117.1983676
Status: Completed - Case Closed
Status Date: 02/29/1996
Case Worker: VRR
RB Case Number: 9UT369
Local Agency: Not reported
File Location: Not reported
Local Case Number: H06217-001
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: * Solvents
Site History: Not reported

LUST:
Global Id: T0607302457
Contact Type: Regional Board Caseworker
Contact Name: VICENTE R. RODRIGUEZ
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: vicente.rodriguez@waterboards.ca.gov
Phone Number: 6195213966

LUST:
Global Id: T0607302457
Action Type: Other
Date: 01/22/1985
Action: Leak Reported

Global Id: T0607302457
Action Type: Other
Date: 01/18/1985
Action: Leak Stopped

Global Id: T0607302457
Action Type: ENFORCEMENT
Date: 07/19/1985
Action: * Historical Enforcement

Global Id: T0607302457
Action Type: Other
Date: 01/22/1985

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Action: Leak Discovery

LUST:
Global Id: T0607302457
Status: Open - Case Begin Date
Status Date: 01/18/1985

Global Id: T0607302457
Status: Open - Remediation
Status Date: 11/16/1987

Global Id: T0607302457
Status: Completed - Case Closed
Status Date: 02/29/1996

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT369
Local Case: H06217-001
Substance: Solvents
Qty Leaked: Not reported
Abate Method: ETFP
Local Agency: San Diego
How Found: Other Means
How Stopped: Remove Contents
Source: Tank
Cause: Structure Failure
Lead Agency: Regional Board
Case Type: Aquifer affected
Date Found: 01/22/1985
Date Stopped: 01/18/1985
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: 11/16/87
Began Monitor: Not reported
Release Date: 01/22/1985
Enforce Date: 7/19/85
Closed Date: 2/29/96
Enforce Type: Cleanup and Abatement Orders
Pilot Program: UST
Basin Number: 904.52
GW Depth: 5’
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 1A
File Dispn: Not reported
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: 85-70
Waste Discharge Requirement Number: Not reported

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

SWEEPS UST:

Name:	NAPP SYSTEMS INC
Address:	360 PACIFIC ST
City:	SAN MARCOS
Status:	Not reported
Comp Number:	6217
Number:	Not reported
Board Of Equalization:	44-022350
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-006217-000001
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	OTHER
Number Of Tanks:	4

Name:	NAPP SYSTEMS INC
Address:	360 PACIFIC ST
City:	SAN MARCOS
Status:	Not reported
Comp Number:	6217
Number:	Not reported
Board Of Equalization:	44-022350
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-006217-000002
Tank Status:	Not reported
Capacity:	30000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	OTHER
Number Of Tanks:	Not reported

Name:	NAPP SYSTEMS INC
Address:	360 PACIFIC ST
City:	SAN MARCOS
Status:	Not reported
Comp Number:	6217
Number:	Not reported
Board Of Equalization:	44-022350
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-006217-000003
Tank Status:	Not reported
Capacity:	12000
Active Date:	Not reported
Tank Use:	CHEMICAL

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Name: NAPP SYSTEMS INC
Address: 360 PACIFIC ST
City: SAN MARCOS
Status: Not reported
Comp Number: 6217
Number: Not reported
Board Of Equalization: 44-022350
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006217-000006
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Name: NAPP SYSTEMS INC
Address: 360 PACIFIC ST
City: SAN MARCOS
Status: Active
Comp Number: 6217
Number: 9
Board Of Equalization: 44-022350
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006217-000004
Tank Status: A
Capacity: 24000
Active Date: Not reported
Tank Use: CHEMICAL
STG: W
Content: Not reported
Number Of Tanks: 5

Name: NAPP SYSTEMS INC
Address: 360 PACIFIC ST
City: SAN MARCOS
Status: Active
Comp Number: 6217
Number: 9
Board Of Equalization: 44-022350
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006217-000005
Tank Status: A

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Capacity: 1000
Active Date: Not reported
Tank Use: CHEMICAL
STG: P
Content: Not reported
Number Of Tanks: Not reported

Name: NAPP SYSTEMS INC
Address: 360 PACIFIC ST
City: SAN MARCOS
Status: Active
Comp Number: 6217
Number: 9
Board Of Equalization: 44-022350
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006217-000007
Tank Status: A
Capacity: 55
Active Date: Not reported
Tank Use: CHEMICAL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: NAPP SYSTEMS INC
Address: 360 PACIFIC ST
City: SAN MARCOS
Status: Active
Comp Number: 6217
Number: 9
Board Of Equalization: 44-022350
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006217-000008
Tank Status: A
Capacity: 2000
Active Date: Not reported
Tank Use: CHEMICAL
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: NAPP SYSTEMS INC
Address: 360 PACIFIC ST
City: SAN MARCOS
Status: Active
Comp Number: 6217
Number: 9
Board Of Equalization: 44-022350
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-006217-000009
Tank Status: A
Capacity: 20000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: OTHER
Number Of Tanks: Not reported

HIST UST:
Name: NAPP SYSTEMS (USA) INC
Address: 360 S PACIFIC STREET
City,State,Zip: SAN MARCOS, CA 92069
File Number: 0002F087
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F087.pdf
Region: STATE
Facility ID: 00000019396
Facility Type: Other
Other Type: MANUFACTURING
Contact Name: AUGUST FISCHER, PRES.
Telephone: 6197444387
Owner Name: NAPP SYSTEMS (USA), INC.
Owner Address: 360 S. PACIFIC STREET
Owner City,St,Zip: SAN MARCOS, CA 92069
Total Tanks: 0008

Tank Num: 001
Container Num: 001
Year Installed: 1973
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .240
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 002
Year Installed: 1975
Tank Capacity: 00030000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: .36522
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 003
Year Installed: 1973
Tank Capacity: 00012000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 004
Year Installed: 1973

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Tank Capacity:	00024000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/4
Leak Detection:	None

Tank Num:	005
Container Num:	005
Year Installed:	1983
Tank Capacity:	00001000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	None

Tank Num:	006
Container Num:	006
Year Installed:	1982
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	3/16
Leak Detection:	None

Tank Num:	007
Container Num:	007
Year Installed:	1973
Tank Capacity:	00000055
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	4
Leak Detection:	Visual

Tank Num:	008
Container Num:	008
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	8
Leak Detection:	None

Click here for Geo Tracker PDF:

CORTESE:

Name:	NAPP SYSTEMS *
Address:	360 PACIFIC ST S
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607302457
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

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

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:	NAPP SYSTEMS
Address:	360 PACIFIC AVE S
City,State,Zip:	SAN MARCOS, CA
Region:	9
Facility Id:	243864
Agency Name:	Napp Systems
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5111
SIC Desc 1:	Printing and Writing Paper
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:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	9 000211N87
Reg Measure Id:	160984
Reg Measure Type:	Unregulated
Region:	9

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

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:	Historical
Status Date:	06/17/2005
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:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220633
Region:	9
Order / Resolution Number:	LT851202
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/02/1985
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000211N87
Description:	UNKNOWN
Program:	ENFCAO
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

Name:	NAPP SYSTEMS
Address:	360 PACIFIC AVE S
City,State,Zip:	SAN MARCOS, CA
Region:	9
Facility Id:	243864
Agency Name:	Napp Systems
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5111
SIC Desc 1:	Printing and Writing Paper
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:	Not reported
Program Category1:	Not reported
Program Category2:	UNREGS
# Of Programs:	Not reported
WDID:	9 000211N87
Reg Measure Id:	160984
Reg Measure Type:	Unregulated
Region:	9
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:	Historical
Status Date:	06/17/2005
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:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220632

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

Region:	9
Order / Resolution Number:	96-023
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	03/14/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000211N87
Description:	UNKNOWN
Program:	ENFCAO
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

HIST CORTESE:

edr_fname:	NAPP SYSTEMS
edr_fadd1:	360 PACIFIC
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT369

WDS:

Name:	MACDERMID PRINTING SOLUTIONS
Address:	260 S Pacific St
City:	SAN MARCOS
Facility ID:	San Diego 37I017442
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:	9
Facility Telephone:	7605106136
Facility Contact:	BEAS RICARDO
Agency Name:	MACDERMID PRINTING SOLUTIONS
Agency Address:	260 S Pacific St
Agency City,St,Zip:	San Marcos 920692430
Agency Contact:	BEAS RICARDO
Agency Telephone:	7605106136
Agency Type:	Private

MACDERMID PRINTING SOLUTIONS (Continued) **1000344725**

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.

CERS:

Name:	NAPP SYSTEMS *
Address:	360 PACIFIC ST S
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	240786
CERS ID:	T0607302457
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	VICENTE R. RODRIGUEZ - SAN DIEGO RWQCB (REGION 9)
Entity Title:	Not reported
Affiliation Address:	2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6195213966,

W107 **LLOYD PEST CONTROL** **LUST** **S100728336**
East **223 S BENT AV** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **San Diego Co. HMMD**
0.445 mi. **Cortese**
2347 ft. **Site 2 of 2 in cluster W** **CERS**

Relative: Higher
Actual: 542 ft.

LUST:

Name:	LLOYD PEST CONTROL
Address:	223 S BENT AV
City,State,Zip:	SAN MARCOS, CA 920694226
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site

LLOYD PEST CONTROL (Continued) **S100728336**

Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302025
Global Id:	T0607302025
Latitude:	33.1355033
Longitude:	-117.1815795
Status:	Completed - Case Closed
Status Date:	07/11/2000
Case Worker:	Not reported
RB Case Number:	9UT3270
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	H11497-001
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0607302025
Action Type:	ENFORCEMENT
Date:	07/11/2000
Action:	Closure/No Further Action Letter

Global Id:	T0607302025
Action Type:	Other
Date:	11/12/1996
Action:	Leak Reported

Global Id:	T0607302025
Action Type:	Other
Date:	11/12/1996
Action:	Leak Began

Global Id:	T0607302025
Action Type:	Other
Date:	11/12/1996
Action:	Leak Discovery

LUST:

Global Id:	T0607302025
Status:	Open - Case Begin Date
Status Date:	11/12/1996

Global Id:	T0607302025
Status:	Completed - Case Closed
Status Date:	07/11/2000

SAN DIEGO CO. SAM:

Name:	LLOYD PEST CONTROL
Address:	223 S BENT AV
City,State,Zip:	SAN MARCOS, CA 920694226
Case Number:	H11497-001
Agency:	DEH Site Assessment & Mitigation
Funding:	**LOP - Federal Fund**
Facility Type:	Drinking Water Aquifer Impacted
Facility Status:	Closed Case
Date:	7/11/2000
Date Began:	11/12/1996

LLOYD PEST CONTROL (Continued) **S100728336**

HMMD SAN DIEGO:

Name:	LLOYD PEST CONTROL
Address:	223 S BENT AV
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	111497
Business Type:	6HK18
EPA Id Number:	Not reported
APN:	219-270-19-00
Last HMMD Inspection:	09/21/1999
Facility Telephone:	619-744-3030
Permit Status:	INAC
Permit Expiration:	05/31/2001
Date Last Updated:	11/02/2012
Facility Owner:	LLOYD PEST CONTROL CO
Facility Mailing Address:	223 S BENT AV
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92069-
UST Owner:	LLOYD PEST CONTROL
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

UST:

UST Name:	UNDERGROUND TANK 111497 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	111497
Tank Type:	SINGLE WALL
Additional Id:	SM-1 UNLEADED
Capacity Gallons:	10000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	1996-12-11 00:00:00
Year Installed:	1977-01-01 00:00:00
Pipe Type:	SINGLE WALL
Delivery System:	SUCTION
Monitor Code:	05
UST Monitor Method:	SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

CORTESE:

Name:	LLOYD PEST CONTROL
Address:	223 S BENT AV
City,State,Zip:	SAN MARCOS, CA 920694226
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607302025
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported

LLOYD PEST CONTROL (Continued) **S100728336**

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:	LLOYD PEST CONTROL
Address:	223 S BENT AV
City,State,Zip:	SAN MARCOS, CA 920694226
Site ID:	211077
CERS ID:	T0607302025
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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X108 **SAN MARCOS COUNTY WATER DIST.** **LUST** **S102436393**
East **788 SAN MARCOS BLVD** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **Cortese**
0.459 mi. **CERS**
2424 ft. **Site 1 of 3 in cluster X**

Relative:
Higher

Actual:
545 ft.

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT817
Local Case:	H03763-001
Substance:	Gasoline
Qty Leaked:	0
Abate Method:	Not reported
Local Agency:	San Diego
How Found:	Tank Closure
How Stopped:	Close Tank
Source:	Tank
Cause:	Corrosion
Lead Agency:	Local Agency
Case Type:	Other ground water affected
Date Found:	10/02/1987
Date Stopped:	10/02/1987
Confirm Date:	10/02/1987
Submit Workplan:	Not reported
Prelim Assess:	10/19/1987
Desc Pollution:	Not reported
Remed Plan:	/ /
Remed Action:	Not reported
Began Monitor:	Not reported
Release Date:	10/12/1987
Enforce Date:	Not reported
Closed Date:	9/12/88
Enforce Type:	Not reported
Pilot Program:	LOP

SAN MARCOS COUNTY WATER DIST. (Continued) **S102436393**

Basin Number: 904.52
GW Depth: 4 FT
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:
Name: VALLECITOS WATER DISTRICT
Address: 788 SAN MARCOS BL
City,State,Zip: SAN MARCOS, CA 920694222
Case Number: H03763-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 9/12/1988
Date Began: 10/2/1987

CORTESE:
Name: VALLECITOS WATER DISTRICT
Address: 788 SAN MARCOS BL
City,State,Zip: SAN MARCOS, CA 920694222
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607303068
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: VALLECITOS WATER DISTRICT
Address: 788 SAN MARCOS BL
City,State,Zip: SAN MARCOS, CA 920694222
Site ID: 250046
CERS ID: T0607303068
CERS Description: Leaking Underground Storage Tank Cleanup Site

X109 **VALLECITOS WATER DISTRICT** **LUST** **S104745782**
East **788 SAN MARCOS BL** **HIST CORTESE** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.459 mi.
2424 ft. **Site 2 of 3 in cluster X**

Relative:
Higher

Actual:
545 ft.

LUST:

Name:	VALLECITOS WATER DISTRICT
Address:	788 SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 920694222
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607303068
Global Id:	T0607303068
Latitude:	33.1365858
Longitude:	-117.1816165
Status:	Completed - Case Closed
Status Date:	09/12/1988
Case Worker:	Not reported
RB Case Number:	9UT817
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	H03763-001
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0607303068
Action Type:	Other
Date:	10/02/1987
Action:	Leak Began

Global Id:	T0607303068
Action Type:	Other
Date:	10/02/1987
Action:	Leak Reported

Global Id:	T0607303068
Action Type:	Other
Date:	10/02/1987
Action:	Leak Stopped

Global Id:	T0607303068
Action Type:	Other
Date:	10/02/1987
Action:	Leak Discovery

LUST:

Global Id:	T0607303068
Status:	Open - Case Begin Date
Status Date:	10/02/1987

Global Id:	T0607303068
Status:	Completed - Case Closed
Status Date:	09/12/1988

VALLECITOS WATER DISTRICT (Continued) **S104745782**

HIST CORTESE:
- edr_fname: SAN MARCOS COUNTY WATER D
- edr_fadd1: 788 SAN MARCOS
- City,State,Zip: SAN MARCOS, CA 92069
- Region: CORTESE
- Facility County Code: 37
- Reg By: LTNKA
- Reg Id: 9UT817

Y110 **COLUCCI DEVELOPMENT** **CPS-SLIC** **S106519075**
NNW **1325 GRAND AVE** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069**
0.463 mi.
2445 ft. **Site 1 of 2 in cluster Y**

Relative: Higher

Actual: 546 ft.

SLIC REG 9:
- Name: COLUCCI DEVELOPMENT
- Address: 1325 GRAND AVE
- City: SAN MARCOS
- Region: 9
- Facilty Type: Not reported
- Status: Dead
- Sort Code: 20-0305.05
- Waste Discharger Id: Not reported
- Local Case Num: Not reported
- Responsible Party: GRAND AVENUE BUSINESS PARK
- Category: ENFORCEMENT
- Class: SLIC
- Order Number: Not reported
- File Number: 1
- Date Entered: 11/1986
- End Date: 12/1986
- Archive Box #: 928
- Archive Box Storage: 3-1-15F
- Archive Box Storage Location: MR. ALBERT COLUCCI
- Remarks: Not reported

Z111 **HUGHES CIRCUITS INC** **RCRA-SQG** **1007200409**
West **540 S PACIFIC ST** **ENVIROSTOR** **CAL000197060**
1/4-1/2 **SAN MARCOS, CA 92078** **San Diego Co. HMMD**
0.465 mi. **CERS HAZ WASTE**
2457 ft. **Site 1 of 2 in cluster Z** **FINDS**
ECHO

Relative: Lower

HAZNET
NPDES

Actual: 521 ft.

CERS
HWTS

RCRA-SQG:
- Date Form Received by Agency: 20020305
- Handler Name: HUGHES CIRCUITS INC
- Handler Address: 540 S PACIFIC ST
- Handler City,State,Zip: SAN MARCOS, CA 92069
- EPA ID: CAL000197060
- Contact Name: JEFF HUGHES
- Contact Address: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Contact City,State,Zip:	Not reported
Contact Telephone:	760-744-0300 xM
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:	Not reported
State District:	Not reported
Mailing Address:	540 S PACIFIC ST
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	Not reported
Owner Type:	Not reported
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:	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

HUGHES CIRCUITS INC (Continued) **1007200409**

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:	20060905
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: 2001

Click Here for Biennial Reporting System Data:

Historic Generators:

Receive Date:	20020305
Handler Name: HUGHES CIRCUITS 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

Receive Date:	20020305
Handler Name: HUGHES CIRCUITS INC	
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:	334412
NAICS Description:	BARE PRINTED CIRCUIT BOARD MANUFACTURING

HUGHES CIRCUITS INC (Continued) **1007200409**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: HUGHES CIRCUITS, INC.
Address: 540 S. PACIFIC
City,State,Zip: SAN MARCOS, CA 92069
Facility ID: 71003390
Status: Inactive - Needs Evaluation
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 Cypress
Assembly: 75
Senate: 38
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.13562
Longitude: -117.2002
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000197060
Alias Type: EPA Identification Number
Alias Name: 110012222264
Alias Type: EPA (FRS #)
Alias Name: 71003390
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 03/22/2001
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

HUGHES CIRCUITS INC (Continued) **1007200409**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HMMD SAN DIEGO:
Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 124147
Business Type: 6HK36
EPA Id Number: CAR000113274
APN: 219-210-29-00
Last HMMD Inspection: 04/20/2012
Facility Telephone: 760-744-0300
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: JERRY HUGHES
Facility Mailing Address: 540 S PACIFIC ST
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 726 LIQUIDS W NICKEL - R
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Other Information: DRUM RINSATES-CESW
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS....
Other Information: COPPER CHLORIDE
Material Waste: Waste
Hazardous Categories 1: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7664-93-9
Name:	ACID CU PLATE 2001
Other Information:	(280,280,110,400 TANKS)
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	12125-02-9
Name:	ACUGUARD PLUS W/AMMONIUM CHLORIDE
Other Information:	REPLENISHER
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information:	BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste:	Not reported
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7775-09-9
Name:	CU OX 1645 W/SODIUM CHLORATE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	10125-13-0
Name:	CUPRIC CHLORIDE
Other Information:	ETCH SOLUTION
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7697-37-2
Name:	ETCH, FOCUS TECH W/NITRIC ACID
Other Information:	TSN 3000
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	124147

HUGHES CIRCUITS INC (Continued) **1007200409**

Update Date:	11/02/2012
Case Number:	124-40-3
Name:	G GRABBER W/DIMETHYLAMINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7647-01-0
Name:	HYDROCHLORIC ACID
Other Information:	MURIATIC ACID, 38%
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	1333-74-0
Name:	HYDROGEN, COMPRESSED GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7664-93-9
Name:	MILL COAG A-40 ALKALINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	584-08-7
Name:	POTASSIUM CARBONAE SOLN
Other Information:	DEVELOPER, 45-50%
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	31694-55-0
Name:	SOLDER OIL, HSL

HUGHES CIRCUITS INC (Continued) **1007200409**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 7732-18-5
Name: SOLDERON PLATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 111 ACID SOL'N WITH METALS - R (3)
Other Information: MICRO ETCH PRE DIP SOLN
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 113 UNSPECIFIED ACID SOL'N - R
Other Information: STRIP RESIST RINSATE- PBR UNIT 2
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 121 ALKALINE SOL'N WITH METALS
Other Information: CLEANER SOLN
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: AMMONIUM ETCH
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: MICRO ETCH COPRA BOND SOLN
Material Waste: Waste
Hazardous Categories 1: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS (3_
Other Information: SPENT RINSEWATERS-PBR UNIT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS(OTHER)COPPER
Other Information: COPPER TETRAAMINO DICHLORIDE ETCHANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 141 OFF-SPEC,AGED,SURPL INORGANICS
Other Information: FILTERS W/SN, PB
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 141 OFF-SPEC,AGED,SURPL INORGANICS
Other Information: SOLDER STRIP
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: PBR 1 COPPER SLUDGE, WASTE TREATMENT-FILTER CARE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: SOLDER DROSS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147

HUGHES CIRCUITS INC (Continued) **1007200409**

Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PIMUCE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: HN401B SWELLER W/40% GLYCOL ETHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: WASTE OIL, SOLDER FLUX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: NON-RCRA DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: PHOTOPOLYMER BALLS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: FIXER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Code:	6HV1008
Violation:	NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation:	Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1009
Violation:	HMBP: INADEQUATE SITE MAP
Violation Citation:	Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1017
Violation:	HMBP NOT CERTIFIED ANNUALLY
Violation Citation:	Business Plan not certified annually. 25505(d) & (e)(2)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1018
Violation:	INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation:	Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1602
Violation:	P.E. ASSESSMENT REPORT NOT COMPLETE

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Citation:	Failed to provide adequate P.E. Assessment report for a HW tank system. 66265.191(g) or 66265.192(k)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1702
Violation:	TREATMENT NOTIFICATION NO DONE/INADEQ.
Violation Citation:	Onsite Hazardous Waste Treatment Notification pages (facility, unit & treatment process pages) not complete, accurate and/or on file with CUPA. {CE: 25201.5(d)(7) & 25201.14(c)(2); CA: 25200.3(e)(1); PBR: 67450.2(b) & 67450.3(c)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1710
Violation:	UNIT SITE MAP/PLOT PLAN IS INADEQUATE
Violation Citation:	Site map/plot plan does not adequately show the location of all regulated treatment units. All FTUs: Title 19 CCR section 2729.2(a)(3) & {CE: 25201.5(d)(7); CA: 25200.3(e); PBR: 67450.2(b)(3)(B)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1742
Violation:	NO PE WRITTEN ASSESSMENT OBTAINED
Violation Citation:	Facility has not obtained a written statement/assessment signed by an independent, California registered professional engineer (PE) certifying that tank system and secondary containment for tanks or containers meet all the design requirements of Title 22 CCR. For the CA tier, treatment in "containers" does not require a written statement signed by a PE for the containment area. {66264.175(c); & 66265.190 through 66265.202; PBR: 67450.3(c)(9) & (12); For CA 25200.3(c)(4)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012

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Inspection Date:	04/20/2012
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation:	Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1757
Violation:	NO UNIT WRITTEN CLOSURE PLAN
Violation Citation:	Facility does not have an adequate written closure plan (plan must specify how & when each unit will be closed, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). {67450.3(c)(11)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	06/10/2009
Violation Code:	6HV1009
Violation:	HMBP: INADEQUATE SITE MAP
Violation Citation:	Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	06/10/2009
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	09/28/2004
Violation Code:	6HV1003
Violation:	HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation:	Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1711
Violation:	INADEQ./NO ONSITE UNIT INSPECTION SCHED.
Violation Citation:	Inadequate or no onsite written inspection schedule for containers, tanks, & equipment (must include inspections for safety equipment,

HUGHES CIRCUITS INC (Continued) **1007200409**

emergency & security devices, specify problems checked for, and frequency of inspections). {For containers-CE: 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15} (For tanks, also 66265.195)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/07/2006
Violation Code: 6HV1756
Violation: WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation: Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/07/2006
Violation Code: 6HV1757
Violation: NO UNIT WRITTEN CLOSURE PLAN
Violation Citation: Facility does not have an adequate written closure plan (plan must specify how & when each unit will be closed, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). {67450.3(c)(11)}
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/07/2006
Violation Code: 6HV1712
Violation: INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation: Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV0142
Violation: DID NOT NOTIFY OF TIERED PERMITTING
Violation Citation: TIERED PERMITTING: Facility has failed to notify local CUPA and DTSC of eligible onsite treatment of hazardous waste. 25201(a)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1505
Violation: NO WASTE MINIMIZ CERTIFICATION
Violation Citation: TIERED PERMITTING:CA OR PBR-Generator does not have an annual waste minimization certification. (PBR submit with renewals.)

HUGHES CIRCUITS INC (Continued) **1007200409**

Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1559
Violation:	NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation:	TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1564
Violation:	NO FIN ASSURANCE FOR CLOSURE
Violation Citation:	TIERED PERMITTING-CA&PBR: No Financial Assurance for closure cost estimates.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1651
Violation:	UNIT EXTERIOR NOT WELL MARKED
Violation Citation:	TIERED PERMITTING:The exterior of each unit is not marked with name of owner/operator, facility identification number and an individual serial number.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1559
Violation:	NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation:	TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1564
Violation:	NO FIN ASSURANCE FOR CLOSURE
Violation Citation:	TIERED PERMITTING-CA&PBR: No Financial Assurance for closure cost estimates.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1651
Violation:	UNIT EXTERIOR NOT WELL MARKED
Violation Citation:	TIERED PERMITTING:The exterior of each unit is not marked with name of owner/operator, facility identification number and an individual

HUGHES CIRCUITS INC (Continued) **1007200409**

serial number.
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1559
Violation: NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation: TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity: ACTIVE

Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 124147
Business Type: 6HK36
EPA Id Number: CAR000113274
APN: 219-210-29-00
Last HMMD Inspection: 04/20/2012
Facility Telephone: 760-744-0300
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: JERRY HUGHES
Facility Mailing Address: 540 S PACIFIC ST
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 726 LIQUIDS W NICKEL - R
Other Information: Not reported
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Other Information: DRUM RINSATES-CESW
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS....
Other Information:	COPPER CHLORIDE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7664-93-9
Name:	ACID CU PLATE 2001
Other Information:	(280,280,110,400 TANKS)
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	12125-02-9
Name:	ACUGUARD PLUS W/AMMONIUM CHLORIDE
Other Information:	REPLENISHER
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information:	BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste:	Not reported
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7775-09-9
Name:	CU OX 1645 W/SODIUM CHLORATE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	10125-13-0
Name:	CUPRIC CHLORIDE
Other Information:	ETCH SOLUTION
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7697-37-2

HUGHES CIRCUITS INC (Continued) **1007200409**

Name: ETCH, FOCUS TECH W/NITRIC ACID
Other Information: TSN 3000
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 124-40-3
Name: G GRABBER W/DIMETHYLAMINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 7647-01-0
Name: HYDROCHLORIC ACID
Other Information: MURIATIC ACID, 38%
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 1333-74-0
Name: HYDROGEN, COMPRESSED GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: MILL COAG A-40 ALKALINE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 584-08-7
Name: POTASSIUM CARBONAE SOLN
Other Information: DEVELOPER, 45-50%
Material Waste: Material

HUGHES CIRCUITS INC (Continued) **1007200409**

Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 31694-55-0
Name: SOLDER OIL, HSL
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 7732-18-5
Name: SOLDERON PLATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 111 ACID SOL'N WITH METALS - R (3)
Other Information: MICRO ETCH PRE DIP SOLN
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 113 UNSPECIFIED ACID SOL'N - R
Other Information: STRIP RESIST RINSATE- PBR UNIT 2
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 121 ALKALINE SOL'N WITH METALS
Other Information: CLEANER SOLN
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: AMMONIUM ETCH
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information:	MICRO ETCH COPRA BOND SOLN
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS (3_
Other Information:	SPENT RINSEWATERS-PBR UNIT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 132 AQUEOUS SOL'N WITH METALS(OTHER)COPPER
Other Information:	COPPER TETRAAMINO DICHLORIDE ETCHANT
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 141 OFF-SPEC,AGED,SURPL INORGANICS
Other Information:	FILTERS W/SN, PB
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 141 OFF-SPEC,AGED,SURPL INORGANICS
Other Information:	SOLDER STRIP
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 171 METAL SLUDGE
Other Information:	PBR 1 COPPER SLUDGE, WASTE TREATMENT-FILTER CARE
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Name: WASTE 171 METAL SLUDGE
Other Information: SOLDER DROSS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PIMUCE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: HN401B SWELLER W/40% GLYCOL ETHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: WASTE OIL, SOLDER FLUX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: NON-RCRA DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: PHOTOPOLYMER BALLS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: FIXER WASTE
Material Waste: Waste

HUGHES CIRCUITS INC (Continued) **1007200409**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV0402
Violation: TRAINING PROGRAM NOT ADEQUATE
Violation Citation: Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)

HUGHES CIRCUITS INC (Continued) **1007200409**

Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1602
Violation:	P.E. ASSESSMENT REPORT NOT COMPLETE
Violation Citation:	Failed to provide adequate P.E. Assessment report for a HW tank system. 66265.191(g) or 66265.192(k)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1702
Violation:	TREATMENT NOTIFICATION NO DONE/INADEQ.
Violation Citation:	Onsite Hazardous Waste Treatment Notification pages (facility, unit & treatment process pages) not complete, accurate and/or on file with CUPA. {CE: 25201.5(d)(7) & 25201.14(c)(2); CA: 25200.3(e)(1); PBR: 67450.2(b) & 67450.3(c)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1710
Violation:	UNIT SITE MAP/PLOT PLAN IS INADEQUATE
Violation Citation:	Site map/plot plan does not adequately show the location of all regulated treatment units. All FTUs: Title 19 CCR section 2729.2(a)(3) & {CE: 25201.5(d)(7); CA: 25200.3(e); PBR: 67450.2(b)(3)(B)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1742
Violation:	NO PE WRITTEN ASSESSMENT OBTAINED
Violation Citation:	Facility has not obtained a written statement/assessment signed by an independent, California registered professional engineer (PE) certifying that tank system and secondary containment for tanks or containers meet all the design requirements of Title 22 CCR. For the CA tier, treatment in "containers" does not require a written

HUGHES CIRCUITS INC (Continued) **1007200409**

statement signed by a PE for the containment area. {66264.175(c); & 66265.190 through 66265.202; PBR: 67450.3(c)(9) & (12); For CA 25200.3(c)(4)}
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1756
Violation: WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation: Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1757
Violation: NO UNIT WRITTEN CLOSURE PLAN
Violation Citation: Facility does not have an adequate written closure plan (plan must specify how & when each unit will be closed, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). {67450.3(c)(11)}
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 06/10/2009
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 06/10/2009
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS
Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 09/28/2004
Violation Code: 6HV1003
Violation: HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation: Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity: ACTIVE

HUGHES CIRCUITS INC (Continued) **1007200409**

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1711
Violation:	INADEQ./NO ONSITE UNIT INSPECTION SCHED.
Violation Citation:	Inadequate or no onsite written inspection schedule for containers, tanks, & equipment (must include inspections for safety equipment, emergency & security devices, specify problems checked for, and frequency of inspections). {For containers-CE: 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15} (For tanks, also 66265.195)
Activity:	ACTIVE

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation:	Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity:	ACTIVE

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1757
Violation:	NO UNIT WRITTEN CLOSURE PLAN
Violation Citation:	Facility does not have an adequate written closure plan (plan must specify how & when each unit will be closed, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). {67450.3(c)(11)}
Activity:	ACTIVE

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1712
Violation:	INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation:	Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D), 66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity:	ACTIVE

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV0142
Violation:	DID NOT NOTIFY OF TIERED PERMITTING
Violation Citation:	TIERED PERMITTING: Facility has failed to notify local CUPA and DTSC of eligible onsite treatment of hazardous waste. 25201(a)
Activity:	ACTIVE

HUGHES CIRCUITS INC (Continued) **1007200409**

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1505
Violation:	NO WASTE MINIMIZ CERTIFICATION
Violation Citation:	TIERED PERMITTING:CA OR PBR-Generator does not have an annual waste minimization certification. (PBR submit with renewals.)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1559
Violation:	NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation:	TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1564
Violation:	NO FIN ASSURANCE FOR CLOSURE
Violation Citation:	TIERED PERMITTING-CA&PBR: No Financial Assurance for closure cost estimates.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1651
Violation:	UNIT EXTERIOR NOT WELL MARKED
Violation Citation:	TIERED PERMITTING:The exterior of each unit is not marked with name of owner/operator, facility identification number and an individual serial number.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1559
Violation:	NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation:	TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1564
Violation:	NO FIN ASSURANCE FOR CLOSURE
Violation Citation:	TIERED PERMITTING-CA&PBR: No Financial Assurance for closure cost estimates.
Activity:	ACTIVE

HUGHES CIRCUITS INC (Continued) **1007200409**

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1651
Violation:	UNIT EXTERIOR NOT WELL MARKED
Violation Citation:	TIERED PERMITTING:The exterior of each unit is not marked with name of owner/operator, facility identification number and an individual serial number.
Activity:	ACTIVE

Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	08/12/2003
Violation Code:	6HV1559
Violation:	NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation:	TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity:	ACTIVE

Name:	HUGHES CIRCUITS INC
Address:	540 S PACIFIC ST
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	Not reported
Business Type:	Not reported
EPA Id Number:	CAR000113274
APN:	Not reported
Last HMMD Inspection:	Not reported
Facility Telephone:	(760)744-0300
Permit Status:	Permit Renewed
Permit Expiration:	Not reported
Date Last Updated:	12/24/2021
Facility Owner:	Not reported
Facility Mailing Address:	540 S Pacific St, San Marcos, CA 92078
Facility Mailing City:	Not reported
Facility Mailing State:	Not reported
Facility Mailing Zip:	Not reported
UST Owner:	N
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Y
Generate Medical Waste:	Not reported

Inspection Violation:

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	2014-05-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported

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Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	1010007 Failure to submit a revised business plan upon a substantial change in the handler's operations; HSC 6.95 25505(b).
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	2014-04-28T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	3030041 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: 22 CCR 15 66265.193.
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	2014-04-15T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	3130003 RCRA: 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.; 22 CCR 12 66262.34(f).
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4086966
Return To Compliance Date:	2016-07-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000

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Inspection Date:	2016-07-19T11:13:00.000
Violation Code:	3130003 Failed to properly label/date hazardous waste container or tank. 22 CCR 66262.34(f), 66262.34(a)(2), 66262.34(a)(3)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4086966
Return To Compliance Date:	2016-10-03T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2016-07-19T11:13:00.000
Violation Code:	3130004 Accumulated hazardous waste more than 90 days without a DTSC storage permit. HSC 25201(a); 22 CCR 66262.34(a) and (c)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	00
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	3210002 Failure of the owner or operator of a FTU that treats hazardous waste to submit, in person or by certified mail with return receipt requested, the Onsite Hazardous Waste Treatment Notification-Facility page, the Business Activities Page, and the Business Owner/Operator Page of the Unified Program Consolidated Form (x/99)), an alternative version or a computer generated facsimile to the CUPA or authorized agency before sixty (60) days prior to beginning the first treatment of waste pursuant to a permit-by-rule. 22 CCR 45 67450.2(b)(2).
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	4086966
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	1

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Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2016-07-19T11:13:00.000
Violation Code:	HMD1757 Facility does not have an satisfactory written closure plan (plan must specify how & when each unit will be closed, sampling information when applicable, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). 22 CCR 67450.3(c)(11)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	4086966
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	1
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2016-07-19T11:13:00.000
Violation Code:	HMD1716 Inadequate or no written operating instructions for unit (how to do waste treatment, and how to manage residuals; AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure-PBR unit. CE: HSC 25201.5(d)(3)&(5); CEL: HSC 25201.14(c)(1); CA: HSC 25200.3(c)(6) & (7); PBR: 22 CCR 67450.3(c)(9)(D), 66265.73(a) & (b)(1)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Treatment
Inspection Type:	Re-inspection
Inspection Number:	6768168
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	FTU1
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2021-07-12T00:00:00.000
Violation Code:	HMD1704 Number of tanks, containers, and/or treatment processes is not correct for each treatment unit. CE: HSC 25201.5(d)(7), 25201.5(a),(c); CEL: HSC 25201.14(a); CA: HSC 25200.3(a) & (e)(3); PBR: 22 CCR 67450.2(b)(3)(G), 67450.3(c)(4) & 67450.11
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	2014-05-20T00:00:00.000
Nov:	No

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	3030029 Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 22 CCR 15 66265.195(a).
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5951811
Return To Compliance Date:	2018-08-22T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2018-08-22T14:01:53.000
Violation Code:	HMD0152 +e-aFailed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. +e-aSDCC 68.904(a)(2)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Re-inspection
Inspection Number:	6768168
Return To Compliance Date:	2021-07-14T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2021-07-12T00:00:00.000
Violation Code:	3030007 Failed to properly label/date hazardous waste container &/or tank. 22 CCR 66262.34(f)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Re-inspection
Inspection Number:	6768168
Return To Compliance Date:	2021-07-15T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000

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Inspection Date:	2021-07-12T00:00:00.000
Violation Code:	3030057 Failed to comply with hazardous waste satellite container regulation. 22 CCR 66262.34(e)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	2014-05-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	1010008 Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1; 19 CCR 4 2729.4(b), 2729.5.
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	5951811
Return To Compliance Date:	2018-08-22T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2018-08-22T14:01:53.000
Violation Code:	1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25507(a); 25508.1(a-b); 19 CCR 2654 (a) or (d)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	2014-04-28T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	3010026 Failure of the new hazardous waste tank assessment to include all of the following information: 22 CCR 15 66265.192(k).

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Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4086966
Return To Compliance Date:	2016-07-22T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2016-07-19T11:13:00.000
Violation Code:	3130007 Failed to keep a hazardous waste container closed. 22 CCR 66265.173(a)

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	4108584
Return To Compliance Date:	2014-05-20T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	3020002 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.; 22 CCR 15 66265.16.

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147

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Program Element: Hazardous Waste Treatment
Inspection Type: Re-inspection
Inspection Number: 6768168
Return To Compliance Date: Not reported
Nov: Not reported
Violation Classification: Not reported
Underground Storage Tank Id: Not reported
Container/Tank Id: FTU1
Last Update: 2021-12-24T13:06:06.000
Inspection Date: 2021-07-12T00:00:00.000
Violation Code: 3230087 Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of sampling and analysis, and sampling methods used to obtain representative samples. 22 CCR 66265.13(b) & 67450.3(c)(9)(A) & (c)(8)

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-124147
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4086966
Return To Compliance Date: 2016-10-03T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-24T13:06:06.000
Inspection Date: 2016-07-19T11:13:00.000
Violation Code: 1010004 Chemical inventory incomplete or not submitted in CERS. HSC 25505(a)(1); 25506; 25507; and 25508(a)(1)(A)

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-124147
Program Element: Hazardous Waste Generator
Inspection Type: Routine
Inspection Number: 4086966
Return To Compliance Date: 2016-10-03T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-12-24T13:06:06.000
Inspection Date: 2016-07-19T11:13:00.000
Violation Code: HMD0402 Employee training program not adequate. 22 CCR 66265.16(a) and/or (b)

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-124147
Program Element: Hazardous Waste Treatment
Inspection Type: Routine
Inspection Number: 4108584
Return To Compliance Date: Not reported

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Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	00
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2014-02-12T16:13:00.000
Violation Code:	HMD1710 Site map/plot plan does not adequately show the location of all regulated treatment units. All FTUs: Title 19 CCR section 2729.2(a)(3) & {CE: 25201.5(d)(7); CA: 25200.3(e); PBR: 67450.2(b)(3)(B)}
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Treatment
Inspection Type:	Routine
Inspection Number:	4086966
Return To Compliance Date:	Not reported
Nov:	Not reported
Violation Classification:	Not reported
Underground Storage Tank Id:	Not reported
Container/Tank Id:	1
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2016-07-19T11:13:00.000
Violation Code:	HMD1756 Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of sampling and analysis, and sampling methods used to obtain representative samples. 22 CCR 66265.13(b) & 67450.3(c)(9)(A)
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-124147
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5951811
Return To Compliance Date:	2018-08-22T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-12-24T13:06:06.000
Inspection Date:	2018-08-22T14:01:53.000
Violation Code:	3030058 Failed to mark date on empty container larger than 5 gallons &/or manage it within one year. 22 CCR 66261.7(f)

Waste and Materials:

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0166735
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-01-20T02:58:17.000
Chemical Name:	Not reported
Common Name:	CU OX 1625 W/SODIUM CHLORATE

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Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166739
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: GC-133
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166740
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166741
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166742
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: REPLENISHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166743
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: SOLDER OIL, HSL
Case Number: Not reported

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Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166744
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166745
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Trifluoromethane GAS
Common Name: Trifluoromethane GAS
Case Number: 75-46-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166746
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: TSN 3000
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166747
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 01 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166748
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 02 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

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Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166749
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 03 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166750
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 04 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166751
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 05 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166752
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 06 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166753
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 07 - Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166754

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Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 11 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166755
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 13 - Micro Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166756
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 14 - Chemical Clean (Micro Etch)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166757
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 15 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166758
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 16 - Ammoniated Alkaline Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166759
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 17 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166760
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 20 - Cobra Bond Pre Dip
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166761
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 21 - Glibrite Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166762
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 22 - Resist Strip and Filter
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166763
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 23 - Soder Mask Stripper (Machine)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166764
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported

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Common Name: Tank 24 - Tin Lead Stripper Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166765
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: Tank 25 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141580
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141581
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141582
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141583
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (PUMICE WITH COPPER), 33-21152 PUMICE WITH CO
Case Number: Not reported

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Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141584
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-20T02:58:18.000
Chemical Name:	Not reported
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, 33-23671 SOLDER MASK AND INK, USE - 070131570-5
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141585
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-20T02:58:18.000
Chemical Name:	Not reported
Common Name:	RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141586
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-20T02:58:18.000
Chemical Name:	Not reported
Common Name:	RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141587
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-20T02:58:18.000
Chemical Name:	Not reported
Common Name:	RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0141588
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-20T02:58:18.000
Chemical Name:	Not reported
Common Name:	UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HWAST-0141589
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUID, TOXIC. n.o.s., (NITRIC ACID, LEAD), 8 (6.1), PGII, 33-21295
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141590
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN3179, WASTE FLAMMABLE SOLID, TOXIC, INORGANIC, n.o.s., (SODIUM NITROBENZOATE, PO
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141595
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (SULFURIC ACID, COPPER CH
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141596
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141598
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218618

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Sodium Chlorate Sol.
Common Name: CU OX 1625 W/SODIUM CHLORATE
Case Number: 7775-09-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218619
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218620
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Tank 76 - Cupric Chloride Etch Solution
Common Name: Tank 76 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218625
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218626
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218627
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218633
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218634
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188251
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188252
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188253
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188254
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Soluble Oil.
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188255
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188258
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188259
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188260
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0188261
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-12-04T01:02:16.000
Chemical Name:	Not reported
Common Name:	UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0188267
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-12-04T01:02:16.000
Chemical Name:	UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name:	UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HWAST-0188268
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2019-12-04T01:02:16.000
Chemical Name:	IB-C303-0192 NON-CONDUCTIVE PASTE NA3082 HAZARDOUS WASTE, LIQUID, N.O.S. (D005), 9,
Common Name:	NON-CONDUCTIVE PASTE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0295985
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-10-14T00:46:50.000
Chemical Name:	HYDROGEN, COMPRESSED GAS
Common Name:	HYDROGEN, COMPRESSED GAS
Case Number:	1333-74-0

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0295986
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-10-14T00:46:50.000
Chemical Name:	Aluminum Sulfate
Common Name:	GC-133
Case Number:	10043-01-3

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295988
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295991
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295993
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295995
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295996
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295997

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295999
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0296001
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: 107-15-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0296002
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264206
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlo
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264207
Trade Secret: N
Hazardous Material Type: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264208
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264210
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264211
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264212
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264213
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Soluble Oil.

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264214
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264216
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264218
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264219
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264220
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0264221
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-10-14T00:46:51.000
Chemical Name:	Not reported
Common Name:	WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242427
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-01-10T01:14:28.000
Chemical Name:	Sodium Chlorate Sol.
Common Name:	CU OX 1625 W/SODIUM CHLORATE
Case Number:	7775-09-9

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242428
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-01-10T01:14:28.000
Chemical Name:	Hydrochloric Acid
Common Name:	MURIATIC ACID
Case Number:	7647-01-0

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242431
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-01-10T01:14:28.000
Chemical Name:	Sodium Hydroxide
Common Name:	G GRABBER W/DIMETHYLAMINE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242432
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-01-10T01:14:28.000
Chemical Name:	HYDROGEN, COMPRESSED GAS
Common Name:	HYDROGEN, COMPRESSED GAS
Case Number:	1333-74-0

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242433
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-01-10T01:14:28.000
Chemical Name:	Aluminum Sulfate
Common Name:	GC-133
Case Number:	10043-01-3

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242434
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-01-10T01:14:28.000
Chemical Name:	OXYGEN GAS
Common Name:	OXYGEN GAS
Case Number:	7782-44-7

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0242435
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2020-01-10T01:14:28.000
Chemical Name:	Polyglycol
Common Name:	AF-1864
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0213293
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-01-10T01:14:31.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Common Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0266806
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	Sodium Chlorate Sol.
Common Name:	CU OX 1625 W/SODIUM CHLORATE
Case Number:	7775-09-9

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HCHEM-0266812

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Aluminum Sulfate
Common Name: GC-133
Case Number: 10043-01-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266816
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242436
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242437
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242438
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242439
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242440
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242441
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242442
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242443
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242444
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242445
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242446
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242447
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242448
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: 107-15-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213275
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlor
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213276
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213277
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213278
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213279
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213280
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2020-HWAST-0213281
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213282
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Soluble Oil.
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213283
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213284
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213285
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213286

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213287
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213288
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213289
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDEF
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213290
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213291
Trade Secret: N
Hazardous Material Type: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2020-01-10T01:14:31.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213292
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213294
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213295
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0213296
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-01-10T01:14:31.000
Chemical Name: IB-C303-0192 NON-CONDUCTIVE PASTE NA3082 HAZARDOUS WASTE, LIQUID, N.O.S. (D005), 9,
Common Name: NON-CONDUCTIVE PASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295987
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: OXYGEN GAS

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264225
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264226
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264227
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: IB-C303-0192 NON-CONDUCTIVE PASTE NA3082 HAZARDOUS WASTE, LIQUID, N.O.S. (D005), 9,
Common Name: NON-CONDUCTIVE PASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316028
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Sodium Chlorate Sol.
Common Name: CU OX 1625 W/SODIUM CHLORATE
Case Number: 7775-09-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316029
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: 7647-01-0

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316030
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Tank 76 - Cupric Chloride Etch Solution
Common Name: Tank 76 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316031
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Potassium Carbonate
Common Name: DV-6600
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316032
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Sodium Hydroxide
Common Name: DTC
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316033
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: HYDROGEN, COMPRESSED GAS
Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316034
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Aluminum Sulfate
Common Name: GC-133
Case Number: 10043-01-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316035
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316036
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Polyglycol
Common Name: AF-1864 Reflow Oil
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316037
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316038
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316039
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Nitric acid
Common Name: Tank 81 and Stripper Solutions - Tin, Palladium, Gold, Lead Stripper Solutions
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316040

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316041
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: 53408-94-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316042
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316043
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316044
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316045
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316046
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: Glibrite/ C-Bond, Tank 73,86,87 - Copper Etch (Surface preparation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316047
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316048
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316049
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316050
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Potassium aurocyanide

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: Gold Cyanide Baths Tanks #'s 34, 35, 40 & 60
Case Number: 13967-50-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316051
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Sulfuric Acid
Common Name: Sulfuric Acid 50%
Case Number: 7664-93-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316052
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Sodium Hydroxide Solution 30 - 54%
Common Name: Caustic Soda 50%
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316053
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Aluminum Sulfate
Common Name: Aluminum Sulfate
Case Number: 16828-12-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316054
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Barium sulfate
Common Name: Solder Mask Ink & Hardener
Case Number: 7727-43-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0316055
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Hydrogen Peroxide 35-55%
Common Name: Hydrogen Peroxide/ Oxidizer 50
Case Number: 7722-84-1

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Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0316056
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-12-24T13:06:12.000
Chemical Name:	Not reported
Common Name:	(COBRA BOND/GLIBRITE waste) UN2796, WASTE SULFURIC ACID, SOLUTION, 8, PG II, ERG 157
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0316057
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-12-24T13:06:12.000
Chemical Name:	Glycol ether PM acetate
Common Name:	PMA
Case Number:	108-65-6

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0316058
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-12-24T13:06:12.000
Chemical Name:	Sodium Persulfate
Common Name:	Cu Prep II/ Microetch 85/ Final Finish Surface Prep
Case Number:	7775-27-1

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0316059
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2021-12-24T13:06:12.000
Chemical Name:	Ammonium hydroxide
Common Name:	AC-CU-Fine 9 Replenisher
Case Number:	1336-21-6

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0283164
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-12-24T13:06:12.000
Chemical Name:	Not reported
Common Name:	UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlo
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2021-HWAST-0283165
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283166
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283167
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283168
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283169
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283170

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Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Soluble Oil.
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283171
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Nickel Sulfate
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL),
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283172
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283173
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Potassium aurocyanide
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283174
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283175
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283176
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283177
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283178
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283179
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283180
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149

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Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283181
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283182
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283183
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283184
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: IB-C303-0192 NON-CONDUCTIVE PASTE NA3082 HAZARDOUS WASTE, LIQUID, N.O.S. (D005), 9,
Common Name: NON-CONDUCTIVE PASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0283185
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-12-24T13:06:12.000
Chemical Name: Monoethenolamine
Common Name: NON RCRA Waste Resist Stripper Solution w/ Photopolymer (Monoethenolamine Solution)
Case Number: Not reported

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Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184496
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Sodium Chlorate Sol.
Common Name:	CU OX 1625 W/SODIUM CHLORATE
Case Number:	7775-09-9

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184497
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Hydrochloric Acid
Common Name:	MURIATIC ACID
Case Number:	7647-01-0

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184498
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Not reported
Common Name:	Tank 76 - Cupric Chloride Etch Solution
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184499
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Potassium Carbonate
Common Name:	DV-6600
Case Number:	584-08-7

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184500
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Sodium Hydroxide
Common Name:	G GRABBER W/DIMETHYLAMINE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

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Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184501
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	HYDROGEN, COMPRESSED GAS
Common Name:	HYDROGEN, COMPRESSED GAS
Case Number:	1333-74-0
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184502
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Aluminum Sulfate
Common Name:	GC-133
Case Number:	10043-01-3
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184503
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	OXYGEN GAS
Common Name:	OXYGEN GAS
Case Number:	7782-44-7
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184504
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Polyglycol
Common Name:	AF-1864
Case Number:	Not reported
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184505
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-05-30T01:12:24.000
Chemical Name:	Monoethenolamine
Common Name:	FS-72/OL (Resist Stripper solution)
Case Number:	141-43-5
Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0184506

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Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184507
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184508
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184509
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184510
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184511
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184512
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184513
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184514
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184515
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0184516
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-05-30T01:12:24.000
Chemical Name: Potassium carbonate

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0158994
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlor
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0158995
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0158996
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0158997
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0158998
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0158999
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-30T01:12:25.000
Chemical Name:	Not reported
Common Name:	RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159000
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-30T01:12:25.000
Chemical Name:	Not reported
Common Name:	NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159001
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-30T01:12:25.000
Chemical Name:	Soluble Oil.
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159002
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-30T01:12:25.000
Chemical Name:	Not reported
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0159003
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-05-30T01:12:25.000
Chemical Name:	Not reported
Common Name:	RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HWAST-0159004
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159005
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159006
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159007
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159008
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159009

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0159010
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-05-30T01:12:25.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166736
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: DEVELOPER, 45-50%
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166737
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: Not reported
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0166738
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-20T02:58:17.000
Chemical Name: HYDROGEN, COMPRESSED GAS
Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141591
Trade Secret: N
Hazardous Material Type: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141592
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (SULFURIC ACID, COPPER SUL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141593
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (COPPER TETRAAMINE DICHLO
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141594
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CUPRIC CHLORIDE, HYDROC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0141597
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-20T02:58:18.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266809
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Potassium Carbonate

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: DV-6600
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266813
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266818
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237254
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198156
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Sodium Chlorate Sol.
Common Name: CU OX 1625 W/SODIUM CHLORATE
Case Number: 7775-09-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198157
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: 7647-01-0

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0198158
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Tank 76 - Cupric Chloride Etch Solution
Common Name:	Tank 76 - Cupric Chloride Etch Solution
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0198159
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Potassium Carbonate
Common Name:	DV-6600
Case Number:	584-08-7

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0198160
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Sodium Hydroxide
Common Name:	G GRABBER W/DIMETHYLAMINE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0198161
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	HYDROGEN, COMPRESSED GAS
Common Name:	HYDROGEN, COMPRESSED GAS
Case Number:	1333-74-0

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0198162
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Aluminum Sulfate
Common Name:	GC-133
Case Number:	10043-01-3

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198163
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198164
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198165
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198166
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198167
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198168

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198169
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198170
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198171
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198172
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198173
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198174
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198175
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198176
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0198177
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: 107-15-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170753
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlor
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170754
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170755
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170756
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170757
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170758
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DICI
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0170759
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Not reported
Common Name:	NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0170760
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Soluble Oil.
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0170761
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Not reported
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0170762
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Not reported
Common Name:	RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0170763
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-10-26T22:10:55.000
Chemical Name:	Not reported
Common Name:	RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HWAST-0170764
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170765
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170766
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170767
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170768
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170769

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170770
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170771
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170772
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170773
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-10-26T22:10:55.000
Chemical Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0170774
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2018-10-26T22:10:55.000
Chemical Name: IB-C303-0192 NON-CONDUCTIVE PASTE NA3082 HAZARDOUS WASTE, LIQUID, N.O.S. (D005), 9,
Common Name: NON-CONDUCTIVE PASTE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266819
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237239
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlo
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237241
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237245
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266811
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: HYDROGEN, COMPRESSED GAS

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266817
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266827
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: 107-15-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237253
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237255
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237256
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0237252
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	Not reported
Common Name:	UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0237260
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	IB-C303-0192 NON-CONDUCTIVE PASTE NA3082 HAZARDOUS WASTE, LIQUID, N.O.S. (D005), 9,
Common Name:	NON-CONDUCTIVE PASTE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0218621
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-12-04T01:02:14.000
Chemical Name:	Potassium Carbonate
Common Name:	DV-6600
Case Number:	584-08-7

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0218622
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-12-04T01:02:14.000
Chemical Name:	Sodium Hydroxide
Common Name:	G GRABBER W/DIMETHYLAMINE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2019-HCHEM-0218623
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2019-12-04T01:02:14.000
Chemical Name:	HYDROGEN, COMPRESSED GAS
Common Name:	HYDROGEN, COMPRESSED GAS
Case Number:	1333-74-0

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218624
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Aluminum Sulfate
Common Name: GC-133
Case Number: 10043-01-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218628
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218629
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218630
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218631
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218632

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218635
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218636
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218637
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218638
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2019-12-04T01:02:14.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HCHEM-0218639
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2019-12-04T01:02:14.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: 107-15-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188247
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlo
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188248
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188249
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188250
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188256
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188257
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188262
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188263
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188264
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188265
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number: Not reported

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Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2019-HWAST-0188266
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2019-12-04T01:02:16.000
Chemical Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name: NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269790
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269791
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269792
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269793
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269794
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269795
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269796
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269797
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269798
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269799

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269800
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269801
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: 107-15-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269802
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Nitrogen, Liquid
Common Name: Nitrogen, Liquid
Case Number: 7727-37-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239921
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlo
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239923
Trade Secret: N
Hazardous Material Type: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239924
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239925
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239929
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239930
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239931
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239932
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239933
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239936
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239937
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239938
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0239939
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-03-16T01:36:45.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Common Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0239940
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-03-16T01:36:45.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name:	NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0239942
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-03-16T01:36:45.000
Chemical Name:	IB-C303-0192 NON-CONDUCTIVE PASTE NA3082 HAZARDOUS WASTE, LIQUID, N.O.S. (D005), 9,
Common Name:	NON-CONDUCTIVE PASTE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HWAST-0264224
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2021-10-14T00:46:51.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Common Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2021-HCHEM-0295980
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2021-10-14T00:46:50.000
Chemical Name:	Sodium Chlorate Sol.
Common Name:	CU OX 1625 W/SODIUM CHLORATE
Case Number:	7775-09-9

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295982
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Tank 76 - Cupric Chloride Etch Solution
Common Name: Tank 76 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295983
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Potassium Carbonate
Common Name: DV-6600
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295984
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Sodium Hydroxide
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295989
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295990
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295992

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165148
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: CU OX 1625 W/SODIUM CHLORATE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165149
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: DEVELOPER, 45-50%
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165150
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165151
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: HYDROGEN, COMPRESSED GAS
Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165152
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: GC-133
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165153
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165154
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165155
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: REPLENISHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165156
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: SOLDER OIL, HSL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165157
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: FS-72/OL (Resist Stripper solution)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165158
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Trifluoromethane GAS
Common Name: Trifluoromethane GAS
Case Number: 75-46-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165159
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: TSN 3000
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165160
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 01 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165161
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 02 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165162
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 03 - Copper Plating
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165163
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 04 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165164
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 05 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165165
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 06 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165166
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 07 - Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165167
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 11 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165168
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 13 - Micro Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165169
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 14 - Chemical Clean (Micro Etch)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165170
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 15 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165171
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 16 - Ammoniated Alkaline Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165172
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 17 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165173

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 20 - Cobra Bond Pre Dip
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165174
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 21 - Glibrite Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165175
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 22 - Resist Strip and Filter
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165176
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 23 - Soder Mask Stripper (Machine)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165177
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 24 - Tin Lead Stripper Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0165178
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: Tank 25 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140454
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140455
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140456
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140457
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (PUMICE WITH COPPER), 33-21152 PUMICE WITH CO
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140458
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, 33-23671 SOLDER MASK AND INK, USE - 070131570-5
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140459
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140460
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140461
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140462
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140463
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUID, TOXIC. n.o.s., (NITRIC ACID, LEAD), 8 (6.1), PGII, 33-21295
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0140464
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-03T05:31:24.000
Chemical Name:	Not reported
Common Name:	UN3179, WASTE FLAMMABLE SOLID, TOXIC, INORGANIC, n.o.s., (SODIUM NITROBENZOATE, PO
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0140465
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-03T05:31:24.000
Chemical Name:	Not reported
Common Name:	UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0140466
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-03T05:31:24.000
Chemical Name:	Not reported
Common Name:	UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (SULFURIC ACID, COPPER SUL
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0140467
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-03T05:31:24.000
Chemical Name:	Not reported
Common Name:	UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (COPPER TETRAAMINE DICHL
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0140468
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-01-03T05:31:24.000
Chemical Name:	Not reported
Common Name:	UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CUPRIC CHLORIDE, HYDROC
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HWAST-0140469
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (SULFURIC ACID, COPPER CH
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140470
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140471
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0140472
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-01-03T05:31:24.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242429
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Tank 76 - Cupric Chloride Etch Solution
Common Name: Tank 76 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0242430

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-01-10T01:14:28.000
Chemical Name: Potassium Carbonate
Common Name: DV-6600
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269780
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Sodium Chlorate Sol.
Common Name: CU OX 1625 W/SODIUM CHLORATE
Case Number: 7775-09-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269781
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269782
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Tank 76 - Cupric Chloride Etch Solution
Common Name: Tank 76 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269783
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Potassium Carbonate
Common Name: DV-6600
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269786
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Aluminum Sulfate
Common Name: GC-133
Case Number: 10043-01-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269787
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269788
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269789
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269784
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Sodium Hydroxide
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0269785
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: HYDROGEN, COMPRESSED GAS

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239927
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239928
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Soluble Oil.
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239926
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239934
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239935
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239941
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295981
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177171
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: HYDROGEN, COMPRESSED GAS
Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177169
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: DEVELOPER, 45-50%
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177170
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177173
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266820
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237250
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237259
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name: UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177172
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: GC-133
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177175

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: REPLENISHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117816
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: CU OX 1625 W/SODIUM CHLORATE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117817
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: DEVELOPER, 45-50%
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117818
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117819
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: HYDROGEN, COMPRESSED GAS
Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117820
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: MILL COAG A-40 ALKALINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117821
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: MURIATIC ACID
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117822
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117823
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: REPLENISHER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117824
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: SOLDER OIL, HSL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117825
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: Surface Strip 446 (Resist Stripper solution)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117826
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Trifluoromethane GAS
Common Name: Trifluoromethane GAS
Case Number: 75-46-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117827
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: TSN 3000
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117828
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 01 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117829
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 02 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117830
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 03 - Copper Plating
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117831
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 04 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117832
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 05 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117833
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 06 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117834
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 07 - Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117835
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 11 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117836
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 13 - Micro Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117837
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 14 - Chemical Clean (Micro Etch)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117838
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 15 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117839
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 16 - Ammoniated Alkaline Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117840
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 17 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117841

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 20 - Cobra Bond Pre Dip
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117842
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 21 - Glibrite Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117843
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 22 - Resist Strip and Filter
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117844
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 23 - Soder Mask Stripper (Machine)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117845
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 24 - Tin Lead Stripper Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HCHEM-0117846
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: Tank 25 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099190
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099191
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099192
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099193
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (PUMICE WITH COPPER), 33-21152 PUMICE WITH CO
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099194
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, 33-23671 SOLDER MASK AND INK, USE - 070131570-5
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099195
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099196
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099197
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099198
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099199
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUID, TOXIC. n.o.s., (NITRIC ACID, LEAD), 8 (6.1), PGII, 33-21295
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099200
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN3179, WASTE FLAMMABLE SOLID, TOXIC, INORGANIC, n.o.s., (SODIUM NITROBENZOATE, PO
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099201
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099202
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (SULFURIC ACID, COPPER SUL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099203
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (COPPER TETRAAMINE DICHL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099204
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CUPRIC CHLORIDE, HYDROC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2016-HWAST-0099205
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (SULFURIC ACID, COPPER CH
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099206
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099207
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0099208
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-06-06T02:31:28.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151826
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151827

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151828
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192040
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Sodium Chlorate Sol.
Common Name: CU OX 1625 W/SODIUM CHLORATE
Case Number: 7775-09-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192041
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192042
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Tank 76 - Cupric Chloride Etch Solution
Common Name: Tank 76 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192043
Trade Secret: N
Hazardous Material Type: Pure

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Potassium Carbonate
Common Name: DV-6600
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192044
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Sodium Hydroxide
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192045
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: HYDROGEN, COMPRESSED GAS
Common Name: HYDROGEN, COMPRESSED GAS
Case Number: 1333-74-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192046
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Aluminum Sulfate
Common Name: GC-133
Case Number: 10043-01-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192047
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: OXYGEN GAS
Common Name: OXYGEN GAS
Case Number: 7782-44-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192048
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Polyglycol

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192049
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192050
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: carbon tetrafluoride
Common Name: Tetrafluoromethane
Case Number: 75-73-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192051
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Nitric acid
Common Name: Tank 81 - Tin Lead Stripper Solution
Case Number: 7697-37-2

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192052
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Not reported
Common Name: Tank 01,02,06,07 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192053
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: tin(II) methanesulphonate
Common Name: Tank 14 - Immersion Tin Plating Solution
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192054
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192055
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192056
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192057
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192058
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192059
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192060
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0192061
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-09-01T01:32:03.000
Chemical Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Common Name: UN1760 WASTE CORROSIVE LIQUID, ORGANIC, N.O.S. (Ethylenediamine), B, PGII
Case Number: 107-15-3

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166192
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: UN3264 RQ, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (Cupric chloride, hydrochlo
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166193
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166194

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S. (NITRIC ACID, LEAD), 8, PGII, ERG#154
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166195
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166196
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166197
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166198
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166199
Trade Secret: N
Hazardous Material Type: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Soluble Oil.
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166200
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166201
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166202
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166203
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166204
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166205
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166206
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: UN3288, WASTE TOXIC SOLID, INORGANIC, n.o.s. (LEAD), 6.1, PGII, RQ (LEAD), 3323670 SOLDER
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166207
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (ION EXCHANGE)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166208
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0166209
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-09-01T01:32:05.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0166210
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-09-01T01:32:05.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Common Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0166211
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-09-01T01:32:05.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name:	NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0166212
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-09-01T01:32:05.000
Chemical Name:	UN1950, AEROSOLS, 2.1 IB-305-1145
Common Name:	UN1950, AEROSOLS, 2.1 IB-305-1145
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0177168
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-04-10T11:28:49.000
Chemical Name:	Not reported
Common Name:	CU OX 1625 W/SODIUM CHLORATE
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0177174
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2018-04-10T11:28:49.000
Chemical Name:	OXYGEN GAS
Common Name:	OXYGEN GAS
Case Number:	7782-44-7

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177176
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: SOLDER OIL, HSL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177177
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177178
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Trifluoromethane GAS
Common Name: Trifluoromethane GAS
Case Number: 75-46-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177179
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: TSN 3000
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177180
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 01 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177181

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 02 - Immersion Tin Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177182
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 03 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177183
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 04 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177184
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 05 - Copper Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177185
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 06 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177186
Trade Secret: N
Hazardous Material Type: Mixture

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Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 07 - Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177187
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 11 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177188
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 13 - Micro Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177189
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 14 - Chemical Clean (Micro Etch)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177190
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 15 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177191
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: Tank 16 - Ammoniated Alkaline Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177192
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 17 - Developer (Baking Soda)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177193
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 20 - Cobra Bond Pre Dip
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177194
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 21 - Glibrite Chemical
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177195
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 22 - Resist Strip and Filter
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0177196
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: Tank 23 - Soder Mask Stripper (Machine)
Case Number: Not reported

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Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0177197
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-04-10T11:28:49.000
Chemical Name:	Not reported
Common Name:	Tank 24 - Tin Lead Stripper Solution
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HCHEM-0177198
Trade Secret:	N
Hazardous Material Type:	Mixture
Last Updated:	2018-04-10T11:28:49.000
Chemical Name:	Not reported
Common Name:	Tank 25 - Cupric Chloride Etch Solution
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0151810
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-04-10T11:28:49.000
Chemical Name:	Not reported
Common Name:	NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (LEAD), 9, PGIII, 33-21154 FILTERS WITH TIN LEAD,
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0151811
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-04-10T11:28:49.000
Chemical Name:	Not reported
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2018-HWAST-0151812
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2018-04-10T11:28:49.000
Chemical Name:	Not reported
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

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Active Permit: Y
Child Record Id: DEH2018-HWAST-0151813
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (PUMICE WITH COPPER), 33-21152 PUMICE WITH CO
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151814
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, 33-23671 SOLDER MASK AND INK, USE - 070131570-5
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151815
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151816
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151817
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151818

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151819
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN2922, WASTE CORROSIVE LIQUID, TOXIC. n.o.s., (NITRIC ACID, LEAD), 8 (6.1), PGII, 33-21295
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151820
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN3179, WASTE FLAMMABLE SOLID, TOXIC, INORGANIC, n.o.s., (SODIUM NITROBENZOATE, PO
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151821
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (HYDROFLUORIC ACID), 8, PGI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151822
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN3264, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s. (SULFURIC ACID, COPPER SUL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151823
Trade Secret: N
Hazardous Material Type: Not reported

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Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, n.o.s., (COPPER TETRAAMINE DICHL
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151824
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (CUPRIC CHLORIDE, HYDROC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0151825
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-04-10T11:28:49.000
Chemical Name: Not reported
Common Name: UN3284, WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, n.o.s., (SULFURIC ACID, COPPER CH
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266807
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Hydrochloric Acid
Common Name: MURIATIC ACID
Case Number: 7647-01-0

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266808
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Tank 76 - Cupric Chloride Etch Solution
Common Name: Tank 76 - Cupric Chloride Etch Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266814
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Polyglycol

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266821
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: Tank 13 -Tin/ Lead Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266823
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: Tanks 09,17,25,46,52,124 - Micro Etch(Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266826
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237242
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237243
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: UN3265, WASTE Corrosive liquid, acidic, organic, n.o.s. (METHANESULFONIC ACID), 8, III, ERG 153
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0237246
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	Soluble Oil.
Common Name:	NON-RCRA HAZARDOUS WASTE, LIQUID, (CUTTING FLUID), 33-25984 CUTTING FLUID, USE - 07
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0237249
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	Not reported
Common Name:	RQ UN1935, WASTE CYANIDE SOLUTION, n.o.s., (GOLD PLATE SOLUTION), 6.1, PGII (F007)
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0237251
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	Not reported
Common Name:	UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s. (1-METHOEY-2-PROPANOL ACETATE), 3, PGIII, RQ
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0237257
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Common Name:	NON RCRA HAZARDOUS WASTE, LIQUID (MIXED OILS) IB-33-31149
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2020-HWAST-0237258
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2020-06-16T02:32:58.000
Chemical Name:	NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Common Name:	NON RCRA HAZARDOUS WASTE, SOLID (RAGS AND DEBRIS) IB-33-26706
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-124147
Permit Status:	Permit Renewed

HUGHES CIRCUITS INC (Continued) **1007200409**

Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295994
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Not reported
Common Name: Tank 12 - Electro Tin Plating
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0295998
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0296000
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2021-10-14T00:46:50.000
Chemical Name: Potassium carbonate
Common Name: Tank 109, 111- Developer (Baking Soda)
Case Number: 584-08-7

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264209
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: W-Cu Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264215
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264217

HUGHES CIRCUITS INC (Continued) **1007200409**

Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: RQ, NA3077, HAZARDOUS WASTE, SOLID, n.o.s., (F006), 9, PGIII
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264222
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: Not reported
Common Name: WASTE TREATMENT - ACCUMULATION TANK (MAIN)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0264223
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-10-14T00:46:51.000
Chemical Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Common Name: NON RCRA HAZARDOUS WASTE, LIQUID (AROMATIC HYDROCARBONS) 19-27644 HEAT TRANS
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266810
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Sodium Hydroxide
Common Name: G GRABBER W/DIMETHYLAMINE
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266815
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Monoethenolamine
Common Name: FS-72/OL (Resist Stripper solution)
Case Number: 141-43-5

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266822
Trade Secret: N
Hazardous Material Type: Mixture

HUGHES CIRCUITS INC (Continued) **1007200409**

Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Technic Nickel Sulfamate
Common Name: Tank 29 - Nickel Plating Solution
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266824
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: Tank 73,86,87 - Copper Etch (Surface preperation)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HCHEM-0266825
Trade Secret: N
Hazardous Material Type: Mixture
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Ammonium Chloride
Common Name: Tank 107 - Ammoniated Alkaline Etch Solution
Case Number: 12125-02-9

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237240
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237244
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: RQ UN3266 WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (COPPER TETRAMINE DIC
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237247
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Common Name: NON-RCRA HAZARDOUS WASTE, LIQUID, (ELECTROLESS NICKEL), 33-21151 ELECTROLESS NI
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0237248
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2020-06-16T02:32:58.000
Chemical Name: Not reported
Common Name: RQ UN1588, WASTE CYANIDE INORGANIC, n.o.s., (GOLD FILTERS), 6.1, PGIII (F008)
Case Number: Not reported

Record ID: DEH2002-HUPFP-124147
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2020-HWAST-0239922
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-03-16T01:36:45.000
Chemical Name: Polyglycol
Common Name: AF-1864
Case Number: Not reported

Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 124147
Business Type: 6HK36
EPA Id Number: CAR000113274
APN: 219-210-29-00
Last HMMD Inspection: 04/20/2012
Facility Telephone: 760-744-0300
Permit Status: OPEN
Permit Expiration: 06/30/2013
Date Last Updated: 11/02/2012
Facility Owner: JERRY HUGHES
Facility Mailing Address: 540 S PACIFIC ST
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 726 LIQUIDS W NICKEL - R
Other Information: Not reported
Material Waste: Waste

HUGHES CIRCUITS INC (Continued) **1007200409**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS
Other Information: DRUM RINSATES-CESW
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 792 LIQUIDS W/PH <OR= 2 W/METALS....
Other Information: COPPER CHLORIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 7664-93-9
Name: ACID CU PLATE 2001
Other Information: (280,280,110,400 TANKS)
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 12125-02-9
Name: ACUGUARD PLUS W/AMMONIUM CHLORIDE
Other Information: REPLENISHER
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: 7775-09-9
Name: CU OX 1645 W/SODIUM CHLORATE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

HUGHES CIRCUITS INC (Continued) **1007200409**

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	10125-13-0
Name:	CUPRIC CHLORIDE
Other Information:	ETCH SOLUTION
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7697-37-2
Name:	ETCH, FOCUS TECH W/NITRIC ACID
Other Information:	TSN 3000
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	124-40-3
Name:	G GRABBER W/DIMETHYLAMINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7647-01-0
Name:	HYDROCHLORIC ACID
Other Information:	MURIATIC ACID, 38%
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	1333-74-0
Name:	HYDROGEN, COMPRESSED GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7664-93-9
Name:	MILL COAG A-40 ALKALINE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported

Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7782-44-7

HUGHES CIRCUITS INC (Continued) **1007200409**

Name:	OXYGEN GAS
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	584-08-7
Name:	POTASSIUM CARBONAE SOLN
Other Information:	DEVELOPER, 45-50%
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	31694-55-0
Name:	SOLDER OIL, HSL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	ACUTE
Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	7732-18-5
Name:	SOLDERON PLATE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 111 ACID SOL'N WITH METALS - R (3)
Other Information:	MICRO ETCH PRE DIP SOLN
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 113 UNSPECIFIED ACID SOL'N - R
Other Information:	STRIP RESIST RINSATE- PBR UNIT 2
Material Waste:	Waste
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported
Permit Number:	124147
Update Date:	11/02/2012
Case Number:	Not reported
Name:	WASTE 121 ALKALINE SOL'N WITH METALS
Other Information:	CLEANER SOLN
Material Waste:	Waste

HUGHES CIRCUITS INC (Continued) **1007200409**

Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: AMMONIUM ETCH
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS
Other Information: MICRO ETCH COPRA BOND SOLN
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS (3_
Other Information: SPENT RINSEWATERS-PBR UNIT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 132 AQUEOUS SOL'N WITH METALS(OTHER)COPPER
Other Information: COPPER TETRAAMINO DICHLORIDE ETCHANT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 141 OFF-SPEC,AGED,SURPL INORGANICS
Other Information: FILTERS W/SN, PB
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 141 OFF-SPEC,AGED,SURPL INORGANICS
Other Information: SOLDER STRIP
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: PBR 1 COPPER SLUDGE, WASTE TREATMENT-FILTER CARE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 171 METAL SLUDGE
Other Information: SOLDER DROSS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PIMUCE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: HN401B SWELLER W/40% GLYCOL ETHER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: WASTE OIL, SOLDER FLUX
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: NON-RCRA DEBRIS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: PHOTOPOLYMER BALLS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 124147
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE
Other Information: FIXER WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1008
Violation: NO ANNUAL CARC/REPRO TOXIN LIST TO HMD
Violation Citation: Annual carcinogen and reproductive toxin list not submitted to HMD. 68.1113(c)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1009
Violation: HMBP: INADEQUATE SITE MAP
Violation Citation: Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1017
Violation: HMBP NOT CERTIFIED ANNUALLY
Violation Citation: Business Plan not certified annually. 25505(d) & (e)(2)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV1018
Violation: INVENTORY INCOMPLETE/NOT AMENDED
Violation Citation: Inventory not amended for 100% increase of hazardous material onsite or inventory is incomplete. 25509, 25510
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 04/20/2012
Violation Code: 6HV0202
Violation: WASTE CONTAINER W/O LABELS

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV0402
Violation:	TRAINING PROGRAM NOT ADEQUATE
Violation Citation:	Personnel training is not adequate to ensure compliance with hazardous waste regulations. CCR 66265.16(a)&(b)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1602
Violation:	P.E. ASSESSMENT REPORT NOT COMPLETE
Violation Citation:	Failed to provide adequate P.E. Assessment report for a HW tank system. 66265.191(g) or 66265.192(k)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1702
Violation:	TREATMENT NOTIFICATION NO DONE/INADEQ.
Violation Citation:	Onsite Hazardous Waste Treatment Notification pages (facility, unit & treatment process pages) not complete, accurate and/or on file with CUPA. {CE: 25201.5(d)(7) & 25201.14(c)(2); CA: 25200.3(e)(1); PBR: 67450.2(b) & 67450.3(c)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1710
Violation:	UNIT SITE MAP/PLOT PLAN IS INADEQUATE
Violation Citation:	Site map/plot plan does not adequately show the location of all regulated treatment units. All FTUs: Title 19 CCR section 2729.2(a)(3) & {CE: 25201.5(d)(7); CA: 25200.3(e); PBR: 67450.2(b)(3)(B)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1716
Violation:	INADEQ/NO WRITTEN UNIT OPERATING INSTR.
Violation Citation:	Inadequate or no written operating instructions for treatment unit (must include for every unit: how to operate unit, how to perform waste treatment, and how to manage residuals AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure for PBR unit. {CE: 25201.5(d)(3)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(6) & (7); PBR: 67450.3(c)(9)(D) and 66265.73(a) & (b)(1)}

HUGHES CIRCUITS INC (Continued) **1007200409**

Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1742
Violation:	NO PE WRITTEN ASSESSMENT OBTAINED
Violation Citation:	Facility has not obtained a written statement/assessment signed by an independent, California registered professional engineer (PE) certifying that tank system and secondary containment for tanks or containers meet all the design requirements of Title 22 CCR. For the CA tier, treatment in "containers" does not require a written statement signed by a PE for the containment area. {66264.175(c); & 66265.190 through 66265.202; PBR: 67450.3(c)(9) & (12); For CA 25200.3(c)(4)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation:	Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/20/2012
Violation Code:	6HV1757
Violation:	NO UNIT WRITTEN CLOSURE PLAN
Violation Citation:	Facility does not have an adequate written closure plan (plan must specify how & when each unit will be closed, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). {67450.3(c)(11)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	06/10/2009
Violation Code:	6HV1009
Violation:	HMBP: INADEQUATE SITE MAP
Violation Citation:	Business Plan does not have a site map which provides sufficient or complete information for emergency response agencies. HSC 25509(a)(5) & 25505(a)(2)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	06/10/2009
Violation Code:	6HV0202
Violation:	WASTE CONTAINER W/O LABELS
Violation Citation:	Hazardous waste containers &/or tanks are missing labels, accumulation date and/or are improperly labeled. CCR 66262.34(a)(2); 66262.34(a)(3) & 66262.34(f)

HUGHES CIRCUITS INC (Continued) **1007200409**

Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	09/28/2004
Violation Code:	6HV1003
Violation:	HMBP NOT AMENDED W/IN 30 DAYS
Violation Citation:	Business plan was not amended within 30 days for a 100% quantity increase, new disclosable materials or a change in business info. HSC 25505
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1711
Violation:	INADEQ./NO ONSITE UNIT INSPECTION SCHED.
Violation Citation:	Inadequate or no onsite written inspection schedule for containers, tanks, & equipment (must include inspections for safety equipment, emergency & security devices, specify problems checked for, and frequency of inspections). {For containers-CE: 25201.5(d)(4)&(5); CEL: 25201.14(c)(1); CA: 25200.3(c)(5); PBR: 67450.3(c)(8)(B) & 67450.3(c)(9)(A) & (D); 66265.15} (For tanks, also 66265.195)
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1756
Violation:	WRITTEN ANALYSIS PLAN INADEQUATE/ABSENT
Violation Citation:	Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of analysis and sampling methods used to obtain representative samples. {66265.13(b) & 67450.3(c)(9)(A)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1757
Violation:	NO UNIT WRITTEN CLOSURE PLAN
Violation Citation:	Facility does not have an adequate written closure plan (plan must specify how & when each unit will be closed, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). {67450.3(c)(11)}
Activity:	ACTIVE
Permit Number:	124147
Update Date:	11/02/2012
Inspection Date:	04/07/2006
Violation Code:	6HV1712
Violation:	INADEQ./NO RECORDS OF UNIT INSPECTIONS
Violation Citation:	Inadequate or no onsite records/logs of inspections conducted (must include dates, times, name of inspector, observations, and specifics of any needed repairs or corrective actions). (3 years for CE and PBR units, 5 years for CA). {CE: 25201.5(d)(4)&(5), 25201.14(c)(1); CA: 25200.3(c)(5)&(7); PBR: 67450.3(c)(8) & (9)(A) & (D),

HUGHES CIRCUITS INC (Continued) **1007200409**

66265.73(a)&(b)(1); 66265.15(b) & (d)}
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV0142
Violation: DID NOT NOTIFY OF TIERED PERMITTING
Violation Citation: TIERED PERMITTING: Facility has failed to notify local CUPA and DTSC of eligible onsite treatment of hazardous waste. 25201(a)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1505
Violation: NO WASTE MINIMIZ CERTIFICATION
Violation Citation: TIERED PERMITTING:CA OR PBR-Generator does not have an annual waste minimization certification. (PBR submit with renewals.)
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1559
Violation: NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation: TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1564
Violation: NO FIN ASSURANCE FOR CLOSURE
Violation Citation: TIERED PERMITTING-CA&PBR: No Financial Assurance for closure cost estimates.
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1651
Violation: UNIT EXTERIOR NOT WELL MARKED
Violation Citation: TIERED PERMITTING:The exterior of each unit is not marked with name of owner/operator, facility identification number and an individual serial number.
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1559
Violation: NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation: TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of

HUGHES CIRCUITS INC (Continued) **1007200409**

wastes treated in the unit.
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1564
Violation: NO FIN ASSURANCE FOR CLOSURE
Violation Citation: TIERED PERMITTING-CA&PBR: No Financial Assurance for closure cost estimates.
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1651
Violation: UNIT EXTERIOR NOT WELL MARKED
Violation Citation: TIERED PERMITTING:The exterior of each unit is not marked with name of owner/operator, facility identification number and an individual serial number.
Activity: ACTIVE

Permit Number: 124147
Update Date: 11/02/2012
Inspection Date: 08/12/2003
Violation Code: 6HV1559
Violation: NO WRITTEN OPERATING INSTRUCTIONS/LOGS
Violation Citation: TIERED PERMITTING-ALL UNITS:No written operating instructions and/or records of the dates, volumes, residual management, and types of wastes treated in the unit.
Activity: ACTIVE

CERS HAZ WASTE:
Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 37254
CERS ID: 10153361
CERS Description: Hazardous Waste Generator

Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 37254
CERS ID: 10153361
CERS Description: Hazardous Waste Onsite Treatment

Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 37254
CERS ID: 10153361
CERS Description: RCRA LQ HW Generator

FINDS:

HUGHES CIRCUITS INC (Continued) **1007200409**

Registry ID: 110012222264

Click Here:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
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.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
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:	1007200409
Registry ID:	110012222264
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012222264
Name:	HUGHES CIRCUITS INC
Address:	540 S PACIFIC ST
City,State,Zip:	SAN MARCOS, CA 92078

HAZNET:

Name:	HUGHES CIRCUITS INC
Address:	540 S PACIFIC ST
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920690000
Contact:	JEFF HUGHES
Telephone:	7607440300
Mailing Name:	Not reported
Mailing Address:	540 S PACIFIC ST
Year:	2002
Gepaid:	CAL000197060
TSD EPA ID:	AZD980735500
CA Waste Code:	171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	R01 - Recycler
Tons:	0.8428

HUGHES CIRCUITS INC (Continued) **1007200409**

Year:	2002
Gepaid:	CAL000197060
TSD EPA ID:	CAD050806850
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.2
Year:	2002
Gepaid:	CAL000197060
TSD EPA ID:	CAT080033681
CA Waste Code:	352 - Other organic solids
Disposal Method:	R01 - Recycler
Tons:	0.1375
Year:	2002
Gepaid:	CAL000197060
TSD EPA ID:	CAD008488025
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	R01 - Recycler
Tons:	0.9174
Year:	2001
Gepaid:	CAL000197060
TSD EPA ID:	OHD980701072
CA Waste Code:	-
Disposal Method:	R01 - Recycler
Tons:	0.1625
Year:	2001
Gepaid:	CAL000197060
TSD EPA ID:	AZD980735500
CA Waste Code:	171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	R01 - Recycler
Tons:	7.5852
Year:	2001
Gepaid:	CAL000197060
TSD EPA ID:	CAD008488025
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	R01 - Recycler
Tons:	2.9814
Year:	2001
Gepaid:	CAL000197060
TSD EPA ID:	CAD008488025
CA Waste Code:	792 - Liquids with pH <= 2 with metals
Disposal Method:	T01 - Treatment, Tank
Tons:	5.7336
Year:	2001
Gepaid:	CAL000197060
TSD EPA ID:	CAD05806850
CA Waste Code:	342 - Organic liquids with metals (Alkaline solution (pH >= 12.5) with metals)
Disposal Method:	H01 - Transfer Station
Tons:	0.225

HUGHES CIRCUITS INC (Continued) **1007200409**

Year:	2001
Gepaid:	CAL000197060
TSD EPA ID:	CAD05806850
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.35

Click this hyperlink while viewing on your computer to access
9 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2000
Gen EPA ID:	CAL000197060
Shipment Date:	20001129
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001130
Manifest ID:	20177490
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
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:	20001129
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001130
Manifest ID:	20177490
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G

HUGHES CIRCUITS INC (Continued) **1007200409**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001114
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001122
Manifest ID:	20142649
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001004
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001005
Manifest ID:	20177439
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
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:	20001004
Creation Date:	12/13/2000 0:00:00
Receipt Date:	20001005

HUGHES CIRCUITS INC (Continued) **1007200409**

Manifest ID:	20177439
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
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:	20000905
Creation Date:	11/14/2000 0:00:00
Receipt Date:	20000912
Manifest ID:	98888733
Trans EPA ID:	CAD059240713
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
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
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:	20000905
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000907
Manifest ID:	20069836
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000712
Creation Date:	9/11/2000 0:00:00
Receipt Date:	20000713
Manifest ID:	99736775
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	0.9174
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:	20000712
Creation Date:	9/11/2000 0:00:00
Receipt Date:	20000713
Manifest ID:	99736775
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.3761
Waste Quantity:	330
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000615
Creation Date:	8/28/2000 0:00:00
Receipt Date:	20000621
Manifest ID:	99809577
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	CAT000624247
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	HFHQ38000200
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	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

Additional Info:

Year:	2001
Gen EPA ID:	CAL000197060
Shipment Date:	20011213
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20011227
Manifest ID:	20661714
Trans EPA ID:	CAD059240713
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
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	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:	20011213
Creation Date:	2/20/2002 0:00:00

HUGHES CIRCUITS INC (Continued) **1007200409**

Receipt Date:	20011220
Manifest ID:	21061938
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011213
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20011227
Manifest ID:	20661714
Trans EPA ID:	CAD059240713
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
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
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:	20011205
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011207
Manifest ID:	21208084
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025

HUGHES CIRCUITS INC (Continued) **1007200409**

TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
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:	20011205
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011207
Manifest ID:	21208084
Trans EPA ID:	CAD981446156
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008488025
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler
Quantity Tons:	0.9174
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:	20011106
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011113
Manifest ID:	21012746
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011029
Creation Date:	1/29/2002 0:00:00
Receipt Date:	20011106
Manifest ID:	21061937
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011003
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011004
Manifest ID:	20177494
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
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:	20011003
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011004
Manifest ID:	20177494
Trans EPA ID:	NJD986619328

HUGHES CIRCUITS INC (Continued) **1007200409**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
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:	20010810
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010813
Manifest ID:	21061936
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	1.6856
Waste Quantity:	2
Quantity Unit:	Y
Additional 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:	CAL000197060

Shipment Date:	19991101
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991110
Manifest ID:	99449777
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

TSDF Alt EPA ID:	AZD980735500
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y
Additional 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:	CAL000197060
Shipment Date:	20020520
Creation Date:	8/29/2002 18:31:16
Receipt Date:	20020522
Manifest ID:	21887610
Trans EPA ID:	SCR000074591
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	Not reported
Meth Code:	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:	20020227
Creation Date:	7/25/2002 18:31:53
Receipt Date:	20020228
Manifest ID:	21208085
Trans EPA ID:	NJD986619328
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D002
Meth Code:	R01 - Recycler

HUGHES CIRCUITS INC (Continued) **1007200409**

Quantity Tons:	0.9174
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:	20020206
Creation Date:	7/2/2002 18:32:18
Receipt Date:	20020207
Manifest ID:	20661755
Trans EPA ID:	CAD059240713
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
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1375
Waste Quantity:	275
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:	20020206
Creation Date:	7/8/2002 18:31:16
Receipt Date:	20020214
Manifest ID:	21061939
Trans EPA ID:	CAD059240713
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD980735500
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	171 - Metal sludge (see 121
RCRA Code:	F006
Meth Code:	R01 - Recycler
Quantity Tons:	0.8428
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

NPDES:

Name:	HUGHES CIRCUITS INC
Address:	540 SOUTH PACIFIC STREET
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37IN601082
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:	Undetermined
Status Date:	05/16/2011
Operator Name:	Jerry Hughes
Operator Address:	540 South Pacific Street
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

CERS:

Name:	HUGHES CIRCUITS INC
Address:	540 S PACIFIC ST
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	37254
CERS ID:	10153361
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-19-2016
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 07/20/2016. Inspection Sequence ID:4086966
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-19-2016

HUGHES CIRCUITS INC (Continued) **1007200409**

Citation:	22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description:	Failure to submit the signature page for the onsite treatment notification.
Violation Notes:	Returned to compliance on 12/09/2016. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1716 Inadequate or no written operating instructions for unit (how to do waste treatment, and how to manage residuals; AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure-PBR unit. CE: HSC 25201.5(d)(3)&(5); CEL: HSC 25201.14(c)(1); CA: HSC 25200.3(c)(6) & (7); PBR: 22 CCR 67450.3(c)(9)(D), 66265.73(a) & (b)(1)
Violation Division:	San Diego County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
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 05/20/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-12-2021
Citation:	22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description:	Failure to meet the following conditions of satellite accumulation regulations: Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at

HUGHES CIRCUITS INC (Continued) **1007200409**

a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. The generator complies with section 66265.171, 66265.172, and 66265.173(a). The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated

Violation Notes: Returned to compliance on 07/15/2021. Inspection Sequence ID:6768168
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure of the owner or operator of a FTU that treats hazardous waste to submit, in person or by certified mail with return receipt requested, the Onsite Hazardous Waste Treatment Notification-Facility page, the Business Activities Page, and the Business Owner/Operator Page of the Unified Program Consolidated Form (x/99)), an alternative version or a computer generated facsimile to the CUPA or authorized agency before sixty (60) days prior to beginning the first treatment of waste pursuant to a permit-by-rule.
Violation Notes: Returned to compliance on 05/20/2014. Container
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-12-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Tiered Permitting - Administration/Documentation - General
Violation Notes: Returned to compliance on 08/10/2021. Inspection Sequence ID:6768168;Tank ID:FTU1;Violation:HMD1704 Number of tanks, containers, and/or treatment processes is not correct for each treatment unit. CE: HSC 25201.5(d)(7), 25201.5(a),(c); CEL: HSC 25201.14(a); CA: HSC 25200.3(a) & (e)(3); PBR: 22 CCR 67450.2(b)(3)(G), 67450.3(c)(4) & 67450.11
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal,

HUGHES CIRCUITS INC (Continued) **1007200409**

vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste

Violation Notes: Returned to compliance on 04/28/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 12/29/2017. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1757 Facility does not have an satisfactory written closure plan (plan must specify how & when each unit will be closed, sampling information when applicable, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). 22 CCR 67450.3(c)(11)
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: HSC 6.95 25505(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(b)
Violation Description: Failure to submit a revised business plan upon a substantial change in

HUGHES CIRCUITS INC (Continued) **1007200409**

	the handler's operations.
Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-12-2021
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 07/14/2021. Inspection Sequence ID:6768168
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
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 04/15/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
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

HUGHES CIRCUITS INC (Continued) **1007200409**

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 04/28/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 06-10-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/24/2009.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	08-22-2018
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 re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures 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 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 08/22/2018. Inspection Sequence ID:5951811
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-19-2016
Citation:	22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description:	Failure to submit the signature page for the onsite treatment notification.
Violation Notes:	Returned to compliance on 03/05/2018. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1756 Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of sampling and analysis, and sampling methods used to obtain representative samples. 22 CCR 66265.13(b) & 67450.3(c)(9)(A)
Violation Division:	San Diego County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	08-22-2018
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/22/2018. Inspection Sequence ID:5951811
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	08-22-2018
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 08/22/2018. Inspection Sequence ID:5951811;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-12-2021
Citation:	22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description:	Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes:	Returned to compliance on 08/10/2021. Container
Violation Division:	San Diego County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-19-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Date: 07-19-2016
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 07/22/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
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 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 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966;Violation:HMD0402 Employee training program not adequate. 22 CCR 66265.16(a) and/or (b)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HW

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6503953
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval Date: 07-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6503953
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Enforcement Action:
Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Site Address: 540 S PACIFIC ST
Site City: SAN MARCOS
Site Zip: 92078
Enf Action Date: 06-10-2009
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: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Coordinates:

Site ID:	37254
Facility Name:	HUGHES CIRCUITS INC
Env Int Type Code:	HMBP
Program ID:	10153361
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.135100
Longitude:	-117.199760

Affiliation:

Affiliation Type Desc:	Company Official
Entity Name:	Julio Ascencio
Entity Title:	EHS Manager
Affiliation Address:	540 S PACIFIC ST
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Julio R Ascencio
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Dewey Clines
Entity Title:	Process Eng Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Julio Ascencio
Entity Title:	EHS Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Julio R Ascencio
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Owner/Operator
Entity Name:	Hughes Circuits Inc
Entity Title:	Operator
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	San Diego County Env Health Qlty
Entity Title:	Not reported
Affiliation Address:	PO Box 129261
Affiliation City:	San Diego
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92112-9261
Affiliation Phone:	(858) 505-6880,
Affiliation Type Desc:	Document Preparer
Entity Name:	Julio Ascencio
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:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Julio Ascencio
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Hughes Circuits Inc

HUGHES CIRCUITS INC (Continued) **1007200409**

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:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Hughes SMCC,LLC
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-0300,
Affiliation Type Desc:	Public Contact
Entity Name:	JEFF HUGHES
Entity Title:	Not reported
Affiliation Address:	540 S PACIFIC ST
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	7607440300,
Affiliation Type Desc:	Operator
Entity Name:	JERRY HUGHES
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:	(760) 744-0300,
Affiliation Type Desc:	Legal Owner
Entity Name:	Hughes Circuits, Inc.
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-0300,
Affiliation Type Desc:	Technical Contact
Entity Name:	JULIO R ASCENCIO
Entity Title:	Not reported
Affiliation Address:	540 S PACIFIC ST
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	7607440300,

HUGHES CIRCUITS INC (Continued) **1007200409**

Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 37254
CERS ID: 881239
CERS Description: Industrial Facility Storm Water

Violations:

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
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 07/20/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 12/09/2016. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1716 Inadequate or no written operating instructions for unit (how to do waste treatment, and how to manage residuals; AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA; or until closure-PBR unit. CE: HSC 25201.5(d)(3)&(5); CEL: HSC 25201.14(c)(1); CA: HSC 25200.3(c)(6) & (7); PBR: 22 CCR 67450.3(c)(9)(D), 66265.73(a) & (b)(1)
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
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

HUGHES CIRCUITS INC (Continued) **1007200409**

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 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-12-2021
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failure to meet the following conditions of satellite accumulation regulations: Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. The generator complies with section 66265.171, 66265.172, and 66265.173(a). The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated
Violation Notes: Returned to compliance on 07/15/2021. Inspection Sequence ID:6768168
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure of the owner or operator of a FTU that treats hazardous waste to submit, in person or by certified mail with return receipt requested, the Onsite Hazardous Waste Treatment Notification-Facility page, the Business Activities Page, and the Business Owner/Operator Page of the Unified Program Consolidated Form (x/99)), an alternative version or a computer generated facsimile to the CUPA or authorized agency before sixty (60) days prior to beginning the first treatment of waste pursuant to a permit-by-rule.
Violation Notes: Returned to compliance on 05/20/2014. Container
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-12-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Tiered Permitting - Administration/Documentation - General
Violation Notes: Returned to compliance on 08/10/2021. Inspection Sequence ID:6768168;Tank ID:FTU1;Violation:HMD1704 Number of tanks, containers, and/or treatment processes is not correct for each treatment unit. CE: HSC 25201.5(d)(7), 25201.5(a),(c); CEL: HSC 25201.14(a); CA: HSC 25200.3(a) & (e)(3); PBR: 22 CCR 67450.2(b)(3)(G), 67450.3(c)(4) & 67450.11
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste
Violation Notes: Returned to compliance on 04/28/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-19-2016
Citation:	22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description:	Failure to submit the signature page for the onsite treatment notification.
Violation Notes:	Returned to compliance on 12/29/2017. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1757 Facility does not have an satisfactory written closure plan (plan must specify how & when each unit will be closed, sampling information when applicable, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). 22 CCR 67450.3(c)(11)
Violation Division:	San Diego County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
Citation:	HSC 6.95 25505(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(b)
Violation Description:	Failure to submit a revised business plan upon a substantial change in the handler's operations.
Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-12-2021
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 07/14/2021. Inspection Sequence ID:6768168
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
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 04/15/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HWLQG
Violation Source:	CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
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 04/28/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	37254
Site Name:	HUGHES CIRCUITS INC

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Date: 06-10-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/24/2009.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 08-22-2018
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 re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures 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 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 08/22/2018. Inspection Sequence ID:5951811
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Notes:	Returned to compliance on 03/05/2018. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1756 Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of sampling and analysis, and sampling methods used to obtain representative samples. 22 CCR 66265.13(b) & 67450.3(c)(9)(A)
Violation Division:	San Diego County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	08-22-2018
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/22/2018. Inspection Sequence ID:5951811
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	08-22-2018
Citation:	HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description:	Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 08/22/2018. Inspection Sequence ID:5951811;Violation:HMD0152 Failed to report &/or update the required inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-12-2021
Citation:	22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description:	Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes:	Returned to compliance on 08/10/2021. Container
Violation Division:	San Diego County Department of Env Health
Violation Program:	PBR
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95,

HUGHES CIRCUITS INC (Continued) **1007200409**

	Section(s) 25505(c)
Violation Description:	Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes:	Returned to compliance on 05/20/2014.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-19-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	07-19-2016
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 07/22/2016. Inspection Sequence ID:4086966
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	37254
Site Name:	HUGHES CIRCUITS INC
Violation Date:	02-12-2014
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 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).

HUGHES CIRCUITS INC (Continued) **1007200409**

Violation Notes: Returned to compliance on 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966;Violation:HMD0402 Employee training program not adequate. 22 CCR 66265.16(a) and/or (b)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021

HUGHES CIRCUITS INC (Continued) **1007200409**

Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6503953
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6503953
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Enforcement Action:
Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Site Address: 540 S PACIFIC ST
Site City: SAN MARCOS
Site Zip: 92078
Enf Action Date: 06-10-2009
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: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Coordinates:
Site ID: 37254
Facility Name: HUGHES CIRCUITS INC
Env Int Type Code: HMBP
Program ID: 10153361
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.135100
Longitude: -117.199760

Affiliation:
Affiliation Type Desc: Company Official
Entity Name: Julio Ascencio
Entity Title: EHS Manager
Affiliation Address: 540 S PACIFIC ST
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Julio R Ascencio
Entity Title: Not reported
Affiliation Address: 540 S Pacific St
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

HUGHES CIRCUITS INC (Continued) **1007200409**

Entity Title: Not reported
Affiliation Address: 540 S Pacific St
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Dewey Clines
Entity Title: Process Eng Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Julio Ascencio
Entity Title: EHS Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Julio R Ascencio
Entity Title: EH&S Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Owner/Operator
Entity Name: Hughes Circuits Inc
Entity Title: Operator
Affiliation Address: 540 S Pacific St
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

HUGHES CIRCUITS INC (Continued) **1007200409**

Affiliation Type Desc:	Document Preparer
Entity Name:	Julio Ascencio
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:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Julio Ascencio
Entity Title:	EH&S Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Hughes Circuits 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:	,

Affiliation Type Desc:	Property Owner
Entity Name:	Hughes SMCC,LLC
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-0300,

Affiliation Type Desc:	Public Contact
Entity Name:	JEFF HUGHES
Entity Title:	Not reported
Affiliation Address:	540 S PACIFIC ST
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	7607440300,

Affiliation Type Desc:	Operator
Entity Name:	JERRY HUGHES
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Affiliation Zip: Not reported
Affiliation Phone: (760) 744-0300,

Affiliation Type Desc: Legal Owner
Entity Name: Hughes Circuits, Inc.
Entity Title: Not reported
Affiliation Address: 540 S Pacific St
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92078
Affiliation Phone: (760) 744-0300,

Affiliation Type Desc: Technical Contact
Entity Name: JULIO R ASCENCIO
Entity Title: Not reported
Affiliation Address: 540 S PACIFIC ST
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: 7607440300,

Name: HUGHES CIRCUITS INC
Address: 540 S PACIFIC ST
City,State,Zip: SAN MARCOS, CA 92078
Site ID: 37254
CERS ID: 92069HGHSC54SPA
CERS Description: Toxic Release Inventory

Violations:
Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
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 07/20/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 12/09/2016. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1716 Inadequate or no written operating instructions for unit (how to do waste treatment, and how to manage residuals; AND records of the dates, volumes, and types of wastes treated). Records must be kept 3 years for CE; 5 years for CA;

HUGHES CIRCUITS INC (Continued) **1007200409**

or until closure-PBR unit. CE: HSC 25201.5(d)(3)&(5); CEL: HSC 25201.14(c)(1); CA: HSC 25200.3(c)(6) & (7); PBR: 22 CCR 67450.3(c)(9)(D), 66265.73(a) & (b)(1)

Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
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 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-12-2021
Citation: 22 CCR 12 66262.34(e) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(e)
Violation Description: Failure to meet the following conditions of satellite accumulation regulations: Accumulate up to 55 gallons of hazardous waste or one quart of acute hazardous waste at or near the initial point of accumulation which was under the control of the operator. Total time hazardous waste can be accumulated onsite in any generator accumulation area is one year, i.e., the combined accmulation time at a satellite accumulation point and at a 90/180/270 accumulation area (depending on size of generator and distance transported), whichever comes first. The generator complies with section 66265.171, 66265.172, and 66265.173(a). The container must be clearly marked with the initial date that hazardous waste is first placed in the container and labelled with the words Hazardous Waste including specified information Container must be labelled with the date the satellite accumulation limit is reached and moved within three days after reaching the 55 gallon (or one quart) limit to a 90 day accumulation

HUGHES CIRCUITS INC (Continued) **1007200409**

area 55 gallons (or one quart of acute hazardous waste) of waste per process may be accumulated

Violation Notes: Returned to compliance on 07/15/2021. Inspection Sequence ID:6768168
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure of the owner or operator of a FTU that treats hazardous waste to submit, in person or by certified mail with return receipt requested, the Onsite Hazardous Waste Treatment Notification-Facility page, the Business Activities Page, and the Business Owner/Operator Page of the Unified Program Consolidated Form (x/99)), an alternative version or a computer generated facsimile to the CUPA or authorized agency before sixty (60) days prior to beginning the first treatment of waste pursuant to a permit-by-rule.
Violation Notes: Returned to compliance on 05/20/2014. Container
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-12-2021
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Tiered Permitting - Administration/Documentation - General
Violation Notes: Returned to compliance on 08/10/2021. Inspection Sequence ID:6768168;Tank ID:FTU1;Violation:HMD1704 Number of tanks, containers, and/or treatment processes is not correct for each treatment unit. CE: HSC 25201.5(d)(7), 25201.5(a),(c); CEL: HSC 25201.14(a); CA: HSC 25200.3(a) & (e)(3); PBR: 22 CCR 67450.2(b)(3)(G), 67450.3(c)(4) & 67450.11
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information: A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the

HUGHES CIRCUITS INC (Continued) **1007200409**

age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste

Violation Notes: Returned to compliance on 04/28/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 12/29/2017. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1757 Facility does not have an satisfactory written closure plan (plan must specify how & when each unit will be closed, sampling information when applicable, equipment decontamination steps & procedures, expected year of closure, and estimated time required to close each unit). 22 CCR 67450.3(c)(11)
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: HSC 6.95 25505(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(b)
Violation Description: Failure to submit a revised business plan upon a substantial change in the handler's operations.
Violation Notes: Returned to compliance on 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-12-2021

HUGHES CIRCUITS INC (Continued) **1007200409**

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 07/14/2021. Inspection Sequence ID:6768168
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
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 04/15/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes: Returned to compliance on 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
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

HUGHES CIRCUITS INC (Continued) **1007200409**

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 04/28/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 06-10-2009
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/24/2009.
Violation Division: San Diego County Department of Env Health
Violation Program: HWLQG
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 08-22-2018
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

HUGHES CIRCUITS INC (Continued) **1007200409**

liner to a person who reclaims its scrap value; or (3) By reconditioning or re manufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or re-manufactures 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 22 CCR 11 66261.7; 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 22 CCR 11 66261.7 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 08/22/2018. Inspection Sequence ID:5951811
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 03/05/2018. Inspection Sequence ID:4086966;Tank ID:1,2;Violation:HMD1756 Written waste analysis plan does not exist or is inadequate in specifying parameters of analysis, testing methods, frequency of sampling and analysis, and sampling methods used to obtain representative samples. 22 CCR 66265.13(b) & 67450.3(c)(9)(A)
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 08-22-2018
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 08/22/2018. Inspection Sequence ID:5951811
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 08-22-2018
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 08/22/2018. Inspection Sequence ID:5951811;Violation:HMD0152 Failed to report &/or update the required

HUGHES CIRCUITS INC (Continued) **1007200409**

inventory information for hazardous waste(s) generated at the facility in CERS. SDCC 68.904(a)(2)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-12-2021
Citation: 22 CCR 45 67450.3(c)(9)(A) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(A)
Violation Description: Failure of an owner or operator to obtain a detailed chemical and physical analysis of a representative sample of the waste, which includes all information necessary to manage waste in accordance with the requirements, and to meet LDR requirements; Failure to analyze wastes according to the frequency specified in the plan and to retain waste analysis documentation for three years.
Violation Notes: Returned to compliance on 08/10/2021. Container
Violation Division: San Diego County Department of Env Health
Violation Program: PBR
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.
Violation Notes: Returned to compliance on 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
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

HUGHES CIRCUITS INC (Continued) **1007200409**

leak.
Violation Notes: Returned to compliance on 07/22/2016. Inspection Sequence ID:4086966
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 02-12-2014
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 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 05/20/2014.
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Violation Date: 07-19-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Training - General
Violation Notes: Returned to compliance on 10/03/2016. Inspection Sequence ID:4086966;Violation:HMD0402 Employee training program not adequate. 22 CCR 66265.16(a) and/or (b)
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-12-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Chairs Michelle Inspection ID:4108584
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6503953
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6768168
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Griffith Gary Inspection ID:4086966
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

HUGHES CIRCUITS INC (Continued) **1007200409**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: PBR
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-24-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Thai Darren Inspection ID:6503953
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2009
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector Name: San Diego CUPA
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-22-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Calcagno Leonardo Inspection ID:5951811
Eval Division: San Diego County Department of Env Health
Eval Program: HWLQG
Eval Source: CERS,

Enforcement Action:
Site ID: 37254
Site Name: HUGHES CIRCUITS INC
Site Address: 540 S PACIFIC ST
Site City: SAN MARCOS
Site Zip: 92078
Enf Action Date: 06-10-2009
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: San Diego County Department of Env Health
Enf Action Program: HWLQG
Enf Action Source: CERS,

Coordinates:
Site ID: 37254
Facility Name: HUGHES CIRCUITS INC
Env Int Type Code: HMBP
Program ID: 10153361
Coord Name: Not reported

HUGHES CIRCUITS INC (Continued) **1007200409**

Ref Point Type Desc:	Center of a facility or station.,
Latitude:	33.135100
Longitude:	-117.199760

Affiliation:

Affiliation Type Desc:	Company Official
Entity Name:	Julio Ascencio
Entity Title:	EHS Manager
Affiliation Address:	540 S PACIFIC ST
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Julio R Ascencio
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	,

Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Dewey Clines
Entity Title:	Process Eng Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Julio Ascencio
Entity Title:	EHS Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Onsite Treatment Unit Owner Operator
Entity Name:	Julio R Ascencio

HUGHES CIRCUITS INC (Continued) **1007200409**

Entity Title: EH&S Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Owner/Operator
Entity Name: Hughes Circuits Inc
Entity Title: Operator
Affiliation Address: 540 S Pacific St
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Julio Ascencio
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: ,

Affiliation Type Desc: Identification Signer
Entity Name: Julio Ascencio
Entity Title: EH&S Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Hughes Circuits 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: ,

HUGHES CIRCUITS INC (Continued) **1007200409**

Affiliation Type Desc:	Property Owner
Entity Name:	Hughes SMCC,LLC
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-0300,

Affiliation Type Desc:	Public Contact
Entity Name:	JEFF HUGHES
Entity Title:	Not reported
Affiliation Address:	540 S PACIFIC ST
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	7607440300,

Affiliation Type Desc:	Operator
Entity Name:	JERRY HUGHES
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:	(760) 744-0300,

Affiliation Type Desc:	Legal Owner
Entity Name:	Hughes Circuits, Inc.
Entity Title:	Not reported
Affiliation Address:	540 S Pacific St
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92078
Affiliation Phone:	(760) 744-0300,

Affiliation Type Desc:	Technical Contact
Entity Name:	JULIO R ASCENCIO
Entity Title:	Not reported
Affiliation Address:	540 S PACIFIC ST
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92078
Affiliation Phone:	7607440300,

HWTS:

Name:	HUGHES CIRCUITS INC
Address:	540 S PACIFIC ST
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAL000197060

HUGHES CIRCUITS INC (Continued) **1007200409**

Inactive Date:	06/30/2002
Create Date:	04/06/1999
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	540 S PACIFIC ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN MARCOS, CA 920690000
Owner Name:	JERRY HUGHES
Owner Address:	540 S PACIFIC ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN MARCOS, CA 920690000
Contact Name:	JEFF HUGHES
Contact Address:	540 S PACIFIC ST
Contact Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920690000
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.136934
Longitude:	-117.199824

NAICS:

EPA ID:	CAL000197060
Create Date:	2002-03-14 16:36:29.000
NAICS Code:	334412
NAICS Description:	Bare Printed Circuit Board Manufacturing
Issued EPA ID Date:	1999-04-06 00:00:00
Inactive Date:	2002-06-30 00:00:00
Facility Name:	HUGHES CIRCUITS INC
Facility Address:	540 S PACIFIC ST
Facility Address 2:	Not reported
Facility City:	SAN MARCOS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	920690000

Z112 **BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS** **PFAS** **S127519472**
West **RANCHO SANTA FE & LINDA VISTA** **N/A**
1/4-1/2 **SAN MARCOS, CA**
0.466 mi.
2459 ft. **Site 2 of 2 in cluster Z**

Relative: **Lower**

Actual: **521 ft.**

PFAS:

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFOS
Qualifier:	=
Value:	90
Reporting Limit:	1.9
Detection Limit:	0.51
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141
Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFHPSA
Qualifier:	=
Value:	2.9
Reporting Limit:	1.9
Detection Limit:	0.18

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFHA
Qualifier:	=
Value:	67
Reporting Limit:	1.9
Detection Limit:	0.55
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFDSA
Qualifier:	ND
Value:	0
Reporting Limit:	1.9
Detection Limit:	0.3
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141
Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	8:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	19
Detection Limit:	1.9
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	4:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	19
Detection Limit:	4.9
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFBSA
Qualifier:	=
Value:	39
Reporting Limit:	1.9
Detection Limit:	0.19
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	ND
Value:	0
Reporting Limit:	1.9
Detection Limit:	0.52
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141
Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	=
Value:	47

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

Reporting Limit:	1.9
Detection Limit:	0.16
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported

Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	ND
Value:	0
Reporting Limit:	19
Detection Limit:	2.9
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Name:	BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFILL)
Address:	RANCHO SANTA FE & LINDA VISTA
City,State,Zip:	SAN MARCOS, CA

BRADLEY PARK - OLD LINDA VSTA LANDFILL (SAN MARCOS I LANDFIL (Continued) **S127519472**

Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	L10006943141
Facility Region:	SAN DIEGO RWQCB (REGION 9)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	SM-7
Matrix:	Liquid
Chemical:	PFNA
Qualifier:	=
Value:	1500
Reporting Limit:	9.4
Detection Limit:	1.3
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	9/24/2019
Field Pt Class:	MW
Site Use:	MSW Landfill
Site Type:	Land Disposal Site
Latitude:	33.1357064
Longitude:	-117.1998846
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=L10006943141

Click this hyperlink while viewing on your computer to access
13 additional CA PFAS: record(s) in the EDR Site Report.

AA113 **SCHMID INSULATION CONTRACTORS** **SAN DIEGO CO. SAM** **U001572227**
WNW **1520 LINDA VISTA DR** **LUST** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **San Diego Co. HMMD**
0.470 mi. **SWEEPS UST**
2479 ft. **Site 1 of 2 in cluster AA** **HIST UST**
CHMIRS
Relative: **Cortese**
Higher **HIST CORTESE**
SAN DIEGO CO LOP
Actual: **CERS**
542 ft.

SAN DIEGO CO. SAM:

Name:	SCHMID INSULATION CONTRACTORS
Address:	1520 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693808
Case Number:	H04083-001
Agency:	DEH Site Assessment & Mitigation

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Funding:	**LOP - State Fund**
Facility Type:	GW With No Beneficial Use Designation
Facility Status:	Remedial Investigation
Date:	9/28/2007
Date Began:	5/1/1990

LUST:

Name:	SCHMID INSULATION CONTRACTORS
Address:	1520 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693808
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300498
Global Id:	T0607300498
Latitude:	33.1389821
Longitude:	-117.199304
Status:	Completed - Case Closed
Status Date:	05/16/2017
Case Worker:	LT
RB Case Number:	9UT1700
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	Not reported
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Evidence of a petroleum hydrocarbon release was reported by a County inspector during removal of an underground storage tank (UST) system on May 1, 1990. Soil discoloration was observed by the inspector and hydrocarbon odors were noted as emanating from the excavation; however, no soil samples were collected from the excavation immediately following the removal of the 2,000-gallon capacity, gasoline UST and its associated dispenser. [It should be noted that a purported gasoline distribution pipeline from the UST to the warehouse/office building onsite was not removed]. The UST excavation was subsequently widened and deepened based on soil sample analytical results: if the detected gasoline concentration in a soil sample exceeded 100 milligrams per kilogram, the consultant (Geocon Environmental Consultants, Inc.) directed that additional excavation be performed. The northeastern portion of the excavation generally yielded the highest gasoline concentrations; as a result, the eastern wall of the excavation was extended two to three feet eastward beneath a concrete block building on the immediately adjoining property. Based on analytical results for soil samples collected from horizontal and vertical hand-auger borings advanced into the eastern sidewall and floor of the excavation, respectively, Geocon concluded that the extent of petroleum-impacted soils is limited in horizontal and vertical extent to less than 5 feet [into] the northeastern portion of the east wall and [below} the bottom of the excavation. A temporary groundwater monitoring well was installed to a depth of 31 feet below ground surface (bgs) near the southeastern corner of the excavated area on August 31, 1990. Gasoline and its aromatic hydrocarbon constituents (benzene, toluene, ethylbenzene, and xylenes [BTEX]) were not detected in the groundwater grab sample collected from the temporary well on September 5, 1990. Based on these results and the soil removal in the source area, DEH issued a letter on February 8, 1991, stating that no further action was required. A Phase II environmental site assessment was performed in June 2007 by

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Odic Environmental in association with a real estate transaction. Six borings were advanced in former UST area to depths ranging from 15 to 30 feet bgs. Groundwater was encountered in one boring and a temporary well was installed. Depth to water in the temporary well was measured as 11.40 feet bgs and a grab groundwater sample was collected. Each of the BTEX compounds was detected at concentrations in excess of their respective Maximum Contaminant Levels (MCLs) for drinking water. Naphthalene, as well as volatile organic compounds indicative of weathered gasoline, were also detected in the sample. The detection of benzene in groundwater prompted DEH to re-open the case due to concerns of potential vapor migration into the previously-described building on the adjoining property. No subsequent site assessment activities have been performed.

LUST:
Global Id: T0607300498
Contact Type: Regional Board Caseworker
Contact Name: LALITHA THOTAKURA
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: lalitha.thotakura@waterboards.ca.gov
Phone Number: 6195213002

LUST:
Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 02/14/2013
Action: Letter - Notice

Global Id: T0607300498
Action Type: Other
Date: 05/01/1990
Action: Leak Reported

Global Id: T0607300498
Action Type: RESPONSE
Date: 07/21/2010
Action: Soil and Water Investigation Workplan

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 12/05/2007
Action: Notice of Responsibility

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 12/09/2011
Action: Staff Letter

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 06/20/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0607300498
Action Type: ENFORCEMENT

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Date: 05/16/2017
Action: Closure/No Further Action Letter

Global Id: T0607300498
Action Type: Other
Date: 05/01/1990
Action: Leak Began

Global Id: T0607300498
Action Type: RESPONSE
Date: 08/10/2016
Action: Other Report / Document

Global Id: T0607300498
Action Type: RESPONSE
Date: 09/01/2010
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0607300498
Action Type: RESPONSE
Date: 08/10/2016
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0607300498
Action Type: RESPONSE
Date: 11/03/2016
Action: Request for Closure - Regulator Responded

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 07/10/2009
Action: Letter - Notice

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 02/22/2017
Action: Notification - Preclosure

Global Id: T0607300498
Action Type: Other
Date: 05/01/1990
Action: Leak Stopped

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 06/24/2010
Action: Letter - Notice

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 11/21/2013
Action: Referral to Regional Board

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 01/03/2017
Action: Technical Correspondence / Assistance / Other

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Global Id: T0607300498
Action Type: RESPONSE
Date: 10/10/2014
Action: Other Report / Document

Global Id: T0607300498
Action Type: RESPONSE
Date: 04/16/2016
Action: Email Correspondence

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 08/31/2010
Action: Technical Correspondence / Assistance / Other

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 03/03/2016
Action: Email Correspondence

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 11/13/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 03/25/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 04/19/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0607300498
Action Type: ENFORCEMENT
Date: 12/13/2011
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0607300498
Action Type: Other
Date: 05/01/1990
Action: Leak Discovery

LUST:
Global Id: T0607300498
Status: Open - Case Begin Date
Status Date: 05/01/1990

Global Id: T0607300498
Status: Open - Remediation
Status Date: 09/28/2007

Global Id: T0607300498
Status: Open - Site Assessment
Status Date: 10/05/2009

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Global Id: T0607300498
Status: Completed - Case Closed
Status Date: 05/16/2017

HMMD SAN DIEGO:
Name: SCHMID INSULATION CONTRACTORS
Address: 1520 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 104083
Business Type: Not reported
EPA Id Number: Not reported
APN: 219-221-37-00
Last HMMD Inspection: 03/28/1990
Facility Telephone: 619-744-2235
Permit Status: INAC
Permit Expiration: 03/28/1990
Date Last Updated: 11/02/2012
Facility Owner: SCHMID INSULATION CONTRACTORS
Facility Mailing Address: 1520 LINDA VISTA DR 02
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92069-3808
UST Owner: SAN MARCOS WAREHOUSE INC
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 104083 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 104083
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 2000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1990-01-05 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: SUCTION
Monitor Code: 05
UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

SWEEPS UST:
Name: SCHMID INSULATION CONTRACTORS
Address: 1520 LINDA VISTA DR
City: SAN MARCOS
Status: Not reported
Comp Number: 4083
Number: Not reported

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Board Of Equalization: 44-022003
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-004083-000001
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

HIST UST:
Name: SCHMID INSULATION CONTRACTORS
Address: 1520 LINDA VISTA DRIVE
City,State,Zip: SAN MARCOS, CA 92069
File Number: 0002F23E
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002F23E.pdf
Region: STATE
Facility ID: 00000066448
Facility Type: Other
Other Type: INSULATION SALES
Contact Name: BILL RANEY
Telephone: 6197442235
Owner Name: S.M. WAREHOUSE PARTNERS
Owner Address: 5030 CAMINO DE LA SIESTA, STE.
Owner City,St,Zip: SAN DIEGO, CA 92108
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: 1
Container Construction Thickness: X
Leak Detection: None

Click here for Geo Tracker PDF:

CHMIRS:
Name: Not reported
Address: 1520 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA
OES Incident Number: 15-2626
OES notification: 05/11/2015
OES Date: Not reported
OES Time: Not reported
Date Completed: **Not reported**
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
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:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain to San Marcos Creek
Spill Site:	Merchant/Business
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	SEWAGE
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1448
Year:	2015
Agency:	Vallecitos Water District
Incident Date:	05/11/2015
Admin Agency:	San Diego County Health Services Department
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain to San Marcos Creek
E Date:	Not reported
Substance:	Dirty Water
Quantity Released:	85
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:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Comments: Not reported
Description: RP states a Vallecitos Water Personal saw seperated water/liquid mixed with grease coming out of carwash seperator due to a blockage. Approx 85 gallons was released and 80 gallons was recovered. Approx 5 gallons went into storm drain which leads to the San Marcos Creek.

CORTESE:
Name: SCHMID INSULATION CONTRACTORS
Address: 1520 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 920693808
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607300498
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: SCHMID INSULATION
edr_fadd1: 1520 LINDA VISTA
City,State,Zip: SAN MARCOS, CA 92169
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1700

SAN DIEGO CO LOP:
Name: SCHMID INSULATION CONTRACTORS
Address: 1520 LINDA VISTA DR
City,State,Zip: SAN MARCOS, CA 92069
Record ID: DEH1990-LSAM-H04083-001
Record Status: Completed
Opened Date: 05/01/1990
Parcel Number: 219-221-37-00
Case Type: LOP - Local Oversight Program
Historical Name: SCHMID INSULATION
SWRCB Global ID: T0607300498
Funding: S - LOP State Fund
Lead Agency: RWQCB

SCHMID INSULATION CONTRACTORS (Continued) **U001572227**

Lead Agency Date:	11/04/2013
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1394046
Longitude:	-117.1992485
X MapCoord:	6271105.672
Y MapCoord:	1995691.745

CERS:

Name:	SCHMID INSULATION CONTRACTORS
Address:	1520 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 920693808
Site ID:	191511
CERS ID:	T0607300498
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	LALITHA THOTAKURA - SAN DIEGO RWQCB (REGION 9)
Entity Title:	Not reported
Affiliation Address:	2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6195213002,

AA114 **CAL DEPT OF FOOD & AGRICULTURE** **LUST** **S105036390**
WNW **1520 LINDA VISTA DR** **San Diego Co. HMMD** **N/A**
1/4-1/2 **SAN MARCOS, CA 92078**
0.470 mi.
2479 ft. **Site 2 of 2 in cluster AA**

Relative:
Higher

LUST:

No Details:	No Details

Actual:
542 ft.

HMMD SAN DIEGO:

Name:	CAL DEPT OF FOOD & AGRICULTURE
Address:	1520 LINDA VISTA DR
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	210564
Business Type:	6HK18
EPA Id Number:	CAI37020408
APN:	219-221-37-00
Last HMMD Inspection:	11/28/2011
Facility Telephone:	760-510-4700
Permit Status:	INAC
Permit Expiration:	07/31/2012
Date Last Updated:	11/02/2012
Facility Owner:	CAL DEPT OF FOOD & AGRICULTURE
Facility Mailing Address:	7845 LEMON GROVE WY
Facility Mailing City:	LEMON GROVE
Facility Mailing State:	CA

CAL DEPT OF FOOD & AGRICULTURE (Continued) **S105036390**

Facility Mailing Zip: 91945
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 210564
Update Date: 11/02/2012
Inspection Date: 04/02/2009
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: Inactive Permit

Permit Number: 210564
Update Date: 11/02/2012
Inspection Date: 11/28/2011
Violation Code: 6HV0227
Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE
Violation Citation: Failed to properly label/date hazardous waste container &/or tank. 66262.34(f)
Activity: Inactive Permit

115
ENE
1/4-1/2
0.474 mi.
2503 ft.

Relative: Higher

Actual: 550 ft.

SKS INC.
875 GRAND AVE
SAN MARCOS, CA 92069

SAN DIEGO CO. SAM **S100274033**
LUST **N/A**
San Diego Co. HMMD
HIST UST
Cortese
EMI
HIST CORTESE
SAN DIEGO CO LOP
CERS

SAN DIEGO CO. SAM:
Name: PACIFIC PRIDE, SKS, SAN MARCOS
Address: 875 W GRAND AV
City,State,Zip: SAN MARCOS, CA 920694224
Case Number: H20785-002
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - State Fund**
Facility Type: AX
Facility Status: Remedial Investigation
Date: 6/7/2008
Date Began: 5/15/2003

Name: PACIFIC PRIDE, SKS, SAN MARCOS
Address: 875 W GRAND AV
City,State,Zip: SAN MARCOS, CA 920694224
Case Number: H20785-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**

SKS INC. (Continued) **S100274033**

Facility Type: Soils Only
Facility Status: Closed Case
Date: 1/31/1996
Date Began: 6/28/1991

LUST:
Name: PACIFIC PRIDE, SKS, SAN MARCOS
Address: 875 W GRAND AV
City,State,Zip: SAN MARCOS, CA 920694224
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607300829
Global Id: T0607300829
Latitude: 33.139195
Longitude: -117.182455
Status: Completed - Case Closed
Status Date: 01/31/1996
Case Worker: Not reported
RB Case Number: 9UT2059
Local Agency: Not reported
File Location: Local Agency
Local Case Number: H20785-001
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0607300829
Action Type: ENFORCEMENT
Date: 01/26/1996
Action: Closure/No Further Action Letter

Global Id: T0607300829
Action Type: Other
Date: 06/28/1991
Action: Leak Reported

Global Id: T0607300829
Action Type: ENFORCEMENT
Date: 09/24/1991
Action: Notice of Responsibility

Global Id: T0607300829
Action Type: Other
Date: 06/28/1991
Action: Leak Began

Global Id: T0607300829
Action Type: Other
Date: 06/28/1991
Action: Leak Stopped

Global Id: T0607300829
Action Type: Other
Date: 06/28/1991
Action: Leak Discovery

SKS INC. (Continued) **S100274033**

LUST:
Global Id: T0607300829
Status: Open - Case Begin Date
Status Date: 06/28/1991

Global Id: T0607300829
Status: Completed - Case Closed
Status Date: 01/31/1996

Name: SKS, SAN MARCOS
Address: 875 W GRAND AV
City,State,Zip: SAN MARCOS, CA 920694224
Lead Agency: SAN DIEGO COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T06019794315
Global Id: T06019794315
Latitude: 33.139129
Longitude: -117.182378
Status: Completed - Case Closed
Status Date: 09/06/2011
Case Worker: KK
RB Case Number: Not reported
Local Agency: SAN DIEGO COUNTY LOP
File Location: Local Agency
Local Case Number: H20785-002
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel, Gasoline
Site History: On May 15, 2003, the Department of Environmental Health (DEH) directed soil sampling associated with the replacement of product piping and dispenser pans at this unmanned commercial fueling facility. The resulting analytical data indicated a release of hydrocarbons had occurred at the site and DEH subsequently opened unauthorized release case H20785-002 and required that hydrocarbon impacts be assessed. As a result, three monitoring wells and one boring were installed at the site to assess sorbed- and dissolved-phase hydrocarbons. Hydrocarbon-impacted soil was primarily observed in the vicinity of the northern dispenser islands with concentrations of total petroleum hydrocarbons as gasoline and methyl tertiary butyl ether (MTBE) detected at 150 and 0.820 milligrams per kilogram (mg/kg), respectively. The consultant estimated that approximately 50 cubic yards of hydrocarbon-impacted soil above 100 mg/kg remain in the central portion of the site. Dissolved-phase hydrocarbons have primarily been observed in only one monitoring well in the eastern central portion of the site. Dissolved-phase hydrocarbon impacts have generally been limited to MTBE, and its breakdown product tertiary butyl alcohol, with concentrations as high as 990 and 26 micrograms per liter (%g/l), respectively. Groundwater sampling indicates that dissolved-phase hydrocarbon impacts are limited and confined to the site boundaries. A natural attenuation evaluation was conducted at the site. Based on trend analysis conducted with site specific data, the consultant determined that natural attenuation is an effective mitigation strategy and estimates that MTBE will reach the secondary maximum contaminant level (MCL) of 5 %g/l within approximately 20 years or by the year 2030. The consultant contacted the local water purveyor, Vallecitos Water District, to inquire on the potential use of groundwater in the

SKS INC. (Continued) **S100274033**

vicinity of the site on August 16, 2011. According to Larry Gastar of the Engineering Department, the Vallecitos Water District imports all of their water and does not utilize groundwater within their service area. There are currently no plans to utilize groundwater in the future. The consultant conducted an exposure pathway evaluation for the site, which is an unmanned commercial fueling facility. Based on the evaluation of the site in its existing condition and considering that the contaminants do not appear to extend offsite, the consultant concluded that human health and the environment are adequately protected. The consultant prepared a corrective action plan for the site and notified the public, including surrounding property owners and other interested parties, of the recommendation to implement natural attenuation and close the associated DEH case. Based on the provided data, DEH agrees with the consultants recommendation for no further action and regulatory case closure.

LUST:
Global Id: T06019794315
Contact Type: Local Agency Caseworker
Contact Name: KEITH KEZER
Organization Name: SAN DIEGO COUNTY LOP
Address: P.O. Box 129261
City: San Diego
Email: keith.kezer@sdcounty.ca.gov
Phone Number: Not reported

LUST:
Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 07/17/2007
Action: Notice of Violation

Global Id: T06019794315
Action Type: Other
Date: 05/15/2003
Action: Leak Discovery

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 04/19/2004
Action: Notice of Responsibility

Global Id: T06019794315
Action Type: Other
Date: 05/15/2003
Action: Leak Began

Global Id: T06019794315
Action Type: Other
Date: 04/19/2004
Action: Leak Reported

Global Id: T06019794315
Action Type: RESPONSE
Date: 11/30/2009
Action: Monitoring Report - Quarterly

SKS INC. (Continued) **S100274033**

Global Id: T06019794315
Action Type: RESPONSE
Date: 02/28/2009
Action: Site Assessment Report

Global Id: T06019794315
Action Type: RESPONSE
Date: 08/30/2009
Action: Monitoring Report - Quarterly

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 04/23/2009
Action: Technical Correspondence / Assistance / Other

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Letter - Notice

Global Id: T06019794315
Action Type: RESPONSE
Date: 03/30/2010
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 08/31/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T06019794315
Action Type: Other
Date: 10/25/2004
Action: Leak Stopped

Global Id: T06019794315
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T06019794315
Action Type: RESPONSE
Date: 07/25/2011
Action: Other Report / Document

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 07/31/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 06/29/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T06019794315
Action Type: ENFORCEMENT

SKS INC. (Continued) **S100274033**

Date: 06/29/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 09/05/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T06019794315
Action Type: ENFORCEMENT
Date: 09/06/2011
Action: Closure/No Further Action Letter

Global Id: T06019794315
Action Type: RESPONSE
Date: 07/30/2009
Action: Monitoring Report - Quarterly

Global Id: T06019794315
Action Type: RESPONSE
Date: 10/31/2009
Action: Monitoring Report - Quarterly

Global Id: T06019794315
Action Type: RESPONSE
Date: 01/30/2010
Action: Monitoring Report - Quarterly

LUST:
Global Id: T06019794315
Status: Open - Case Begin Date
Status Date: 05/15/2003

Global Id: T06019794315
Status: Open - Site Assessment
Status Date: 10/26/2004

Global Id: T06019794315
Status: Open - Verification Monitoring
Status Date: 10/26/2004

Global Id: T06019794315
Status: Completed - Case Closed
Status Date: 09/06/2011

Name: PACIFIC PRIDE
Address: 875 GRAND AVE.
City,State,Zip: SAN MARCOS, CA 92078
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000009279
Global Id: T10000009279
Latitude: 33.13918
Longitude: -117.1824
Status: Completed - Case Closed
Status Date: 07/31/2018

SKS INC. (Continued) **S100274033**

Case Worker: CQC
RB Case Number: Not reported
Local Agency: Not reported
File Location: Local Agency
Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Diesel
Site History: Four 12,000-gallon underground storage tanks (USTs) which contained gasoline and diesel were located in the central portion of the subject property. Three fuel dispenser islands were located to the north of the USTs, and four dispenser islands were located to the south of the USTs. An unauthorized release of petroleum hydrocarbons was discovered when the USTs and associated pipelines were removed on May 24, 2016.

LUST:
Global Id: T10000009279
Contact Type: Regional Board Caseworker
Contact Name: CHARLES Q. CHENG
Organization Name: SAN DIEGO RWQCB (REGION 9)
Address: 2375 NORTHSIDE DRIVE, SUITE 100
City: SAN DIEGO
Email: charles.cheng@waterboards.ca.gov
Phone Number: 6195213359

LUST:
Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 10/05/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 07/31/2018
Action: Closure/No Further Action Letter

Global Id: T10000009279
Action Type: Other
Date: 05/24/2016
Action: Leak Began

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 09/12/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 10/11/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 12/14/2016
Action: Technical Correspondence / Assistance / Other

Global Id: T10000009279

SKS INC. (Continued) **S100274033**

Action Type: ENFORCEMENT
Date: 10/10/2016
Action: Notice of Responsibility

Global Id: T10000009279
Action Type: RESPONSE
Date: 09/29/2016
Action: Unauthorized Release Form

Global Id: T10000009279
Action Type: RESPONSE
Date: 06/02/2016
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000009279
Action Type: RESPONSE
Date: 02/07/2017
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 03/29/2018
Action: Notification - Public Notice of Case Closure

Global Id: T10000009279
Action Type: RESPONSE
Date: 09/29/2016
Action: Correspondence

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 08/23/2016
Action: Notice of Responsibility

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 04/07/2017
Action: Technical Correspondence / Assistance / Other

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 08/07/2017
Action: Referral to Regional Board

Global Id: T10000009279
Action Type: Other
Date: 06/02/2016
Action: Leak Discovery

Global Id: T10000009279
Action Type: RESPONSE
Date: 09/12/2016
Action: Correspondence

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 05/31/2018

SKS INC. (Continued) **S100274033**

Action: Staff Letter

Global Id: T10000009279
Action Type: ENFORCEMENT
Date: 03/27/2018
Action: Staff Letter

Global Id: T10000009279
Action Type: Other
Date: 06/02/2016
Action: Leak Reported

LUST:
Global Id: T10000009279
Status: Open - Case Begin Date
Status Date: 05/24/2016

Global Id: T10000009279
Status: Open - Site Assessment
Status Date: 08/23/2016

Global Id: T10000009279
Status: Completed - Case Closed
Status Date: 07/31/2018

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT2059
Local Case: H20785-001
Substance: Diesel
Qty Leaked: 0
Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
Local Agency: San Diego
How Found: Other Means
How Stopped: Other Means
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Other ground water affected
Date Found: 06/28/1991
Date Stopped: 06/28/1991
Confirm Date: 02/08/1991
Submit Workplan: Not reported
Prelim Assess: 06/28/1991
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 06/28/1991
Enforce Date: Not reported
Closed Date: 1/31/96
Enforce Type: Not reported
Pilot Program: LOP

SKS INC. (Continued) **S100274033**

Basin Number: 904.52
GW Depth: 11'
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: 2B
File Dispn: File discarded, case closed
Interim Remedial Actions: No
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

HMMD SAN DIEGO:
Name: PACIFIC PRIDE, SKS, SAN MARCOS
Address: 875 W GRAND AV
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 120785
Business Type: 6HK28
EPA Id Number: CAL000249493
APN: 219-180-47-00
Last HMMD Inspection: 01/31/2012
Facility Telephone: 800-760-4757
Permit Status: OPEN
Permit Expiration: 11/30/2012
Date Last Updated: 11/02/2012
Facility Owner: SKS. INC
Facility Mailing Address: P O BOX 469110
Facility Mailing City: ESCONDIDO
Facility Mailing State: CA
Facility Mailing Zip: 92046-9110
UST Owner: SKS PACIFIC PRIDE
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: DIESEL
Other Information: UNDERGROUND TANK 120785 T003
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 120785 T004 RED DYE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012

SKS INC. (Continued) **S100274033**

Case Number: 8002-43-2
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 120785 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: SUPER UNLEADED
Other Information: UNDERGROUND TANK 120785 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: FUEL CONTAMINATED ABSOSRBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/03/2008
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/03/2008
Violation Code: 6HV3255
Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free. 2635(b)(1), 2636(a)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/09/2007
Violation Code: 6HV3164
Violation: MONITOR EQUIP NOT PER MANUF. SPECS
Violation Citation: All monitoring equipment not installed, calibrated, operated, and/or maintained per manufacturer instructions. 2638(a), 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/09/2007
Violation Code: 6HV3263

SKS INC. (Continued) **S100274033**

Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3114
Violation: 2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation: Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/07/2011
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012

SKS INC. (Continued) **S100274033**

Inspection Date: 01/31/2012
Violation Code: 6HV3551
Violation: LINE LEAK DETECTOR NOT CERTIFIED YEARLY
Violation Citation: SINGLE WALLED PRESSURIZED PIPING: Line leak detector not certified annually. 25284.1(a)(4)(C); 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2006
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/30/2003
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252

SKS INC. (Continued) **S100274033**

Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 120785 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: CLEAR DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

UST Name: UNDERGROUND TANK 120785 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

UST Name: UNDERGROUND TANK 120785 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED

SKS INC. (Continued) **S100274033**

Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

UST Name: UNDERGROUND TANK 120785 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: 4 RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

Name: PACIFIC PRIDE, SKS, SAN MARCOS
Address: 875 W GRAND AV
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 120785
Business Type: 6HK28
EPA Id Number: CAL000249493
APN: 219-180-47-00
Last HMMD Inspection: 01/31/2012
Facility Telephone: 800-760-4757
Permit Status: OPEN
Permit Expiration: 11/30/2012
Date Last Updated: 11/02/2012
Facility Owner: SKS. INC
Facility Mailing Address: P O BOX 469110
Facility Mailing City: ESCONDIDO
Facility Mailing State: CA
Facility Mailing Zip: 92046-9110
UST Owner: SKS PACIFIC PRIDE
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: DIESEL
Other Information: UNDERGROUND TANK 120785 T003

SKS INC. (Continued) **S100274033**

Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 120785 T004 RED DYE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 120785 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: SUPER UNLEADED
Other Information: UNDERGROUND TANK 120785 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: FUEL CONTAMINATED ABSOSRBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/03/2008
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/03/2008
Violation Code: 6HV3255
Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free. 2635(b)(1), 2636(a)(1)

SKS INC. (Continued) **S100274033**

Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/09/2007
Violation Code: 6HV3164
Violation: MONITOR EQUIP NOT PER MANUF. SPECS
Violation Citation: All monitoring equipment not installed, calibrated, operated, and/or maintained per manufacturer instructions. 2638(a), 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/09/2007
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3114
Violation: 2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation: Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264

SKS INC. (Continued) **S100274033**

Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/07/2011
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV3551
Violation: LINE LEAK DETECTOR NOT CERTIFIED YEARLY
Violation Citation: SINGLE WALLED PRESSURIZED PIPING: Line leak detector not certified annually. 25284.1(a)(4)(C); 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2006
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/30/2003
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)

SKS INC. (Continued) **S100274033**

Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 120785 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: CLEAR DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

UST Name: UNDERGROUND TANK 120785 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported

SKS INC. (Continued) **S100274033**

Year Installed:	1981-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	14
UST Monitor Method:	SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR
UST Name:	UNDERGROUND TANK 120785 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	120785
Tank Type:	SINGLE WALL
Additional Id:	RT2196/RT1770, RT4275
Capacity Gallons:	12000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1981-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	14
UST Monitor Method:	SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR
UST Name:	UNDERGROUND TANK 120785 T004
Last Update:	2012-11-02 14:17:38
Permit Number:	120785
Tank Type:	SINGLE WALL
Additional Id:	4 RT2196/RT1770, RT4275
Capacity Gallons:	12000
UST Contents:	DIESEL
Other Content Info:	DIESEL
Reg Status:	ACTIVE
Remove Close Date:	Not reported
Year Installed:	1981-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	PRESSURE
Monitor Code:	14
UST Monitor Method:	SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR
Name:	PACIFIC PRIDE, SKS, SAN MARCOS
Address:	875 W GRAND AV
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	120785
Business Type:	6HK28
EPA Id Number:	CAL000249493
APN:	219-180-47-00
Last HMMD Inspection:	01/31/2012
Facility Telephone:	800-760-4757
Permit Status:	OPEN
Permit Expiration:	11/30/2012
Date Last Updated:	11/02/2012
Facility Owner:	SKS. INC
Facility Mailing Address:	P O BOX 469110
Facility Mailing City:	ESCONDIDO

SKS INC. (Continued) **S100274033**

Facility Mailing State: CA
Facility Mailing Zip: 92046-9110
UST Owner: SKS PACIFIC PRIDE
Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Not reported
Generate Haz Waste: Not reported
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: DIESEL
Other Information: UNDERGROUND TANK 120785 T003
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: Not reported
Name: DIESEL
Other Information: UNDERGROUND TANK 120785 T004 RED DYE
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: REGULAR UNLEADED
Other Information: UNDERGROUND TANK 120785 T001
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: 8002-43-2
Name: SUPER UNLEADED
Other Information: UNDERGROUND TANK 120785 T002
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 120785
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: FUEL CONTAMINATED ABSOSRBENT
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

SKS INC. (Continued) **S100274033**

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/03/2008
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/03/2008
Violation Code: 6HV3255
Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free. 2635(b)(1), 2636(a)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/09/2007
Violation Code: 6HV3164
Violation: MONITOR EQUIP NOT PER MANUF. SPECS
Violation Citation: All monitoring equipment not installed, calibrated, operated, and/or maintained per manufacturer instructions. 2638(a), 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/09/2007
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3114
Violation: 2NDRY CONT TEST NOT DONE/SENT TO CUPA
Violation Citation: Secondary containment testing not done at 6/36 months and/or not sent to CUPA within 30 days. 25284.1; 2637(a)&(e)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264

SKS INC. (Continued) **S100274033**

Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2005
Violation Code: 6HV3264
Violation: SPILL CONT. NOT TESTED ANNUALLY
Violation Citation: Spill containment at fill point not tested annually. 25284.2
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/07/2011
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/31/2012
Violation Code: 6HV3551
Violation: LINE LEAK DETECTOR NOT CERTIFIED YEARLY
Violation Citation: SINGLE WALLED PRESSURIZED PIPING: Line leak detector not certified annually. 25284.1(a)(4)(C); 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/20/2006
Violation Code: 6HV3411
Violation: LLD NOT INSTALLED/NOT FUNCTIONAL
Violation Citation: DOUBLE WALLED PRESSURIZED PIPING-Including Under Dispenser Containment (UDC):Line leak detector is not installed, not functional, or not tested. 2636(f)(2), 25284.1(a)(4)(C), 2641(j)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/30/2003
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: ACTIVE

SKS INC. (Continued) **S100274033**

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3252
Violation: AUDIO&VISUAL ALARMS NOT WORKING OK
Violation Citation: All audible and/or visual alarms not functioning properly. 2632(c)(2)(B), 2636(f)(1)
Activity: ACTIVE

Permit Number: 120785
Update Date: 11/02/2012
Inspection Date: 01/27/2009
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 120785 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: CLEAR DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00

SKS INC. (Continued) **S100274033**

Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

UST Name: UNDERGROUND TANK 120785 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: PREMIUM UNLEADED
Other Content Info: PREMIUM UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

UST Name: UNDERGROUND TANK 120785 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

UST Name: UNDERGROUND TANK 120785 T004
Last Update: 2012-11-02 14:17:38
Permit Number: 120785
Tank Type: SINGLE WALL
Additional Id: 4 RT2196/RT1770, RT4275
Capacity Gallons: 12000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1981-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: PRESSURE
Monitor Code: 14
UST Monitor Method: SW TANK DW PRESSURE PIPE W/ RESTRICTIVE LLD + CERT ATG: IN-TANK TEST MONTHLY, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

SKS INC. (Continued) **S100274033**

HIST UST:

Name:	BRACKMAN FUEL CENTER -SKS
Address:	875 W GRAND
City,State,Zip:	SAN MARCOS, CA 92069
File Number:	0002B18C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002B18C.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:

CORTESE:

Name:	SKS, SAN MARCOS
Address:	875 W GRAND AV
City,State,Zip:	SAN MARCOS, CA 920694224
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T06019794315
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:	PACIFIC PRIDE
Address:	875 GRAND AVE.

SKS INC. (Continued) **S100274033**

City,State,Zip:	SAN MARCOS, CA 92078
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T10000009279
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:	PACIFIC PRIDE, SKS, SAN MARCOS
Address:	875 W GRAND AV
City,State,Zip:	SAN MARCOS, CA 920694224
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607300829
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

EMI:

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD

SKS INC. (Continued) **S100274033**

SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO 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:	1
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2002
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2003
County Code:	37

SKS INC. (Continued) **S100274033**

Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2004
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.4963252
Reactive Organic Gases Tons/Yr:	0.4963252
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2005
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.4963252
Reactive Organic Gases Tons/Yr:	.4963252
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV

SKS INC. (Continued) **S100274033**

City,State,Zip:	SAN MARCOS, CA 92069
Year:	2006
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.31
Reactive Organic Gases Tons/Yr:	.31
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2007
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.31
Reactive Organic Gases Tons/Yr:	.31
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2008
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.31
Reactive Organic Gases Tons/Yr:	.31
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

SKS INC. (Continued) **S100274033**

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2009
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.31
Reactive Organic Gases Tons/Yr:	0.31
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

Name:	PACIFIC PRIDE
Address:	875 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2010
County Code:	37
Air Basin:	SD
Facility ID:	5561
Air District Name:	SD
SIC Code:	5541
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.31
Reactive Organic Gases Tons/Yr:	0.31
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:	SKS INC.
edr_fadd1:	875 GRAND
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT2059

SAN DIEGO CO LOP:

Name:	PACIFIC PRIDE
Address:	875 GRAND AVE
City,State,Zip:	SAN MARCOS, CA 92078-1224
Record ID:	DEH2016-LSAM-000392
Record Status:	Completed
Opened Date:	08/23/2016

SKS INC. (Continued) **S100274033**

Parcel Number:	219-180-34-00
Case Type:	LOP - Local Oversight Program
Historical Name:	Not reported
SWRCB Global ID:	Not reported
Funding:	S - LOP State Fund
Lead Agency:	RWQCB
Lead Agency Date:	08/07/2017
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1391820
Longitude:	-117.1824052
X MapCoord:	6276259.779
Y MapCoord:	1995525.372

CERS:

Name:	PACIFIC PRIDE, SKS, SAN MARCOS
Address:	875 W GRAND AV
City,State,Zip:	SAN MARCOS, CA 920694224
Site ID:	216205
CERS ID:	T0607300829
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Name:	PACIFIC PRIDE
Address:	875 GRAND AVE.
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	378176
CERS ID:	T10000009279
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CHARLES Q. CHENG - SAN DIEGO RWQCB (REGION 9)
Entity Title:	Not reported
Affiliation Address:	2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6195213359,

Name:	PACIFIC PRIDE
Address:	875 GRAND AVE
City,State,Zip:	SAN MARCOS, CA 92078-1224
Site ID:	485649
CERS ID:	110021363479
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	SKS, SAN MARCOS
Address:	875 W GRAND AV
City,State,Zip:	SAN MARCOS, CA 920694224
Site ID:	240326
CERS ID:	T06019794315

SKS INC. (Continued) **S100274033**

CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: KEITH KEZER - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Y116 **DEWEY PEST CONTROL** **RCRA-SQG** **1000226169**
NNW **1370 GRAND AVENUE** **LUST** **CAD981430937**
1/4-1/2 **SAN MARCOS, CA 92069** **SAN DIEGO CO. SAM**
0.486 mi. **CPS-SLIC**
2565 ft. **Site 2 of 2 in cluster Y** **UST**
San Diego Co. HMMD
Relative: **SWEEPS UST**
Higher **FINDS**
ECHO
Actual: **HAZNET**
547 ft. **HIST CORTESE**
CERS
HWTS

RCRA-SQG:
Date Form Received by Agency: 19960901
Handler Name: DEWEY PEST CONTROL
Handler Address: 1370 GRAND AVENUE
Handler City,State,Zip: SAN MARCOS, CA 92069
EPA ID: CAD981430937
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: 4
Mailing Address: 3711 BEVERLY BLVD
Mailing City,State,Zip: LOS ANGELES, CA 90004
Owner Name: Not reported
Owner Type: Not reported
Operator Name: NOT REQUIRED
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No

DEWEY PEST CONTROL (Continued) **1000226169**

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:	20020627
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:	No

Handler - Owner Operator:
Owner/Operator Indicator: Operator

DEWEY PEST CONTROL (Continued) **1000226169**

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: Owner
Owner/Operator Name: DEWEY SERVICES INC
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: 19960901
Handler Name: DEWEY PEST CONTROL
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: 19860730
Handler Name: DEWEY PEST CONTROL
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

List of NAICS Codes and Descriptions:
NAICS Code: 56171
NAICS Description: EXTERMINATING AND PEST CONTROL SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

DEWEY PEST CONTROL (Continued) **1000226169**

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST REG 9:
Region: 9
Status: Case Closed
Case Number: 9UT301
Local Case: H04345-001
Substance: 0
Qty Leaked: 0
Abate Method: Not reported
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Remove Contents
Source: Tank
Cause: Corrosion
Lead Agency: Local Agency
Case Type: Other ground water affected
Date Found: 04/07/1987
Date Stopped: 04/07/1987
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: 08/20/1987
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 04/09/1987
Enforce Date: Not reported
Closed Date: 8/26/87
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.52
GW Depth: ~10
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:
Name: DEWEY PEST CONTROL
Address: 1370 GRAND AV
City,State,Zip: SAN MARCOS, CA 920692404
Case Number: H04345-001
Agency: DEH Site Assessment & Mitigation
Funding: **Private - VAP**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 8/26/1987
Date Began: 4/13/1987

DEWEY PEST CONTROL (Continued) **1000226169**

CPS-SLIC:

Name:	DEWEY PEST CONTROL
Address:	1370 GRAND AV
City,State,Zip:	SAN MARCOS, CA 920692404
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/26/1987
Global Id:	T0607301777
Lead Agency:	SAN DIEGO COUNTY LOP
Lead Agency Case Number:	H04345-001
Latitude:	33.1436369
Longitude:	-117.1931738
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	9UT301
File Location:	Local Agency
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:

UST:

Name:	DEWEY PEST CONTROL
Address:	1370 GRAND AVE
City,State,Zip:	SAN MARCOS, CA 92078
Facility ID:	H04345
Permitting Agency:	SAN DIEGO COUNTY
CERSID:	Not reported
Latitude:	33.1451126
Longitude:	-117.1922712

HMMD SAN DIEGO:

Name:	DEWEY PEST CONTROL
Address:	1370 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	104345
Business Type:	6HK69
EPA Id Number:	Not reported
APN:	219-130-20-00
Last HMMD Inspection:	08/11/2003
Facility Telephone:	760-744-3170
Permit Status:	INAC
Permit Expiration:	06/30/2004
Date Last Updated:	11/02/2012
Facility Owner:	Not reported
Facility Mailing Address:	1370 GRAND AV
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92069-2404
UST Owner:	DEWEY PEST CONTROL
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Y
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported

DEWEY PEST CONTROL (Continued) **1000226169**

Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Violations Inactive Permits:
Permit Number: 104345
Update Date: 11/02/2012
Inspection Date: 08/11/2003
Violation Code: 6HV3103
Violation: NO UST PLAN CHECK PERMIT OBTAINED
Violation Citation: UST repair/modify/closure permit not obtained .68.1004, 68.1005, 68.1009.5
Activity: Inactive Permit

Permit Number: 104345
Update Date: 11/02/2012
Inspection Date: 08/11/2003
Violation Code: 6HV3263
Violation: MONITOR SYSTEM NOT ALL FUNCTIONAL
Violation Citation: Monitoring system components &/or devices are not all functional. 2630, 2641(j), 2632
Activity: Inactive Permit

UST:
UST Name: UNDERGROUND TANK 104345 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 104345
Tank Type: SINGLE WALL
Additional Id: 1
Capacity Gallons: 550
UST Contents: REGULAR UNLEADED
Other Content Info: REGULAR UNLEADED
Reg Status: REMOVED
Remove Close Date: 1987-01-12 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104345 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 104345
Tank Type: SINGLE WALL
Additional Id: 2
Capacity Gallons: 550
UST Contents: LEADED
Other Content Info: LEADED
Reg Status: REMOVED
Remove Close Date: 1987-01-12 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION.

DEWEY PEST CONTROL (Continued) **1000226169**

UST Name:	UNDERGROUND TANK 104345 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	104345
Tank Type:	DOUBLE WALL
Additional Id:	3 UNLEADED/AT4983
Capacity Gallons:	5000
UST Contents:	REGULAR UNLEADED
Other Content Info:	REGULAR UNLEADED
Reg Status:	REMOVED
Remove Close Date:	2004-01-06 00:00:00
Year Installed:	1987-01-01 00:00:00
Pipe Type:	DOUBLE WALL
Delivery System:	SUCTION
Monitor Code:	21
UST Monitor Method:	DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL MONITORS: INTERSTITIAL.

Name:	NASH FABRICATORS, INC
Address:	1370 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	203988
Business Type:	6HK35
EPA Id Number:	Not reported
APN:	219-130-19-00
Last HMMD Inspection:	02/09/2006
Facility Telephone:	760-761-4749
Permit Status:	INAC
Permit Expiration:	12/31/2007
Date Last Updated:	11/02/2012
Facility Owner:	TIM NASH
Facility Mailing Address:	PO BOX 413
Facility Mailing City:	FALLBROOK
Facility Mailing State:	CA
Facility Mailing Zip:	92088-0413
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	NASH FABRICATORS, INC
Address:	1370 GRAND AV
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	203988
Business Type:	6HK35
EPA Id Number:	Not reported
APN:	219-130-19-00
Last HMMD Inspection:	02/09/2006
Facility Telephone:	760-761-4749
Permit Status:	INAC
Permit Expiration:	12/31/2007
Date Last Updated:	11/02/2012
Facility Owner:	TIM NASH
Facility Mailing Address:	PO BOX 413

DEWEY PEST CONTROL (Continued) **1000226169**

Facility Mailing City:	FALLBROOK
Facility Mailing State:	CA
Facility Mailing Zip:	92088-0413
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

SWEEPS UST:

Name:	DEWEY PEST CONTROL
Address:	1370 GRAND AVE
City:	SAN MARCOS
Status:	Not reported
Comp Number:	4345
Number:	Not reported
Board Of Equalization:	44-006091
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004345-000001
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	DEWEY PEST CONTROL
Address:	1370 GRAND AVE
City:	SAN MARCOS
Status:	Not reported
Comp Number:	4345
Number:	Not reported
Board Of Equalization:	44-006091
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	37-000-004345-000002
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Name:	DEWEY PEST CONTROL
Address:	1370 GRAND AVE
City:	SAN MARCOS
Status:	Active
Comp Number:	4345

DEWEY PEST CONTROL (Continued) **1000226169**

Number: 9
Board Of Equalization: 44-006091
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 37-000-004345-000003
Tank Status: A
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

FINDS:
Registry ID: 110002702950

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.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000226169
Registry ID: 110002702950
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002702950
Name: DEWEY PEST CONTROL
Address: 1370 GRAND AVENUE
City,State,Zip: SAN MARCOS, CA 92069

HAZNET:
Name: DEWEY PEST CONTROL
Address: 1370 GRAND AVENUE
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 920690000
Contact: CANCEL PER SURVEY 1-27-95 LC
Telephone: --
Mailing Name: Not reported
Mailing Address: 3711 BEVERLY BLVD

Year: 1997
Gepaid: CAD981430937
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.5004

DEWEY PEST CONTROL (Continued) **1000226169**

Year: 1993
Gepaid: CAD981430937
TSD EPA ID: CAT080011059
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 0.175

Year: 1993
Gepaid: CAD981430937
TSD EPA ID: CAT080011059
CA Waste Code: -
Disposal Method: -
Tons: 1.251

Year: 1993
Gepaid: CAD981430937
TSD EPA ID: CAT080011059
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: -
Tons: 0.4

Year: 1993
Gepaid: CAD981430937
TSD EPA ID: CAT080011059
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 0.18

Additional Info:
Year: 1997
Gen EPA ID: CAD981430937

Shipment Date: 19970811
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970815
Manifest ID: 96582235
Trans EPA ID: CAD982525024
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: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.5004
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

DEWEY PEST CONTROL (Continued) **1000226169**

Additional Info:

Year:	1993
Gen EPA ID:	CAD981430937
Shipment Date:	19930816
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930816
Manifest ID:	92765648
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080011059
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
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
Shipment Date:	19930816
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930816
Manifest ID:	92765648
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080011059
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
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:	19930816
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930816
Manifest ID:	92765648
Trans EPA ID:	CAT080011059

DEWEY PEST CONTROL (Continued) **1000226169**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080011059
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	F001
Meth Code:	- Not reported
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:	19930816
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930816
Manifest ID:	92765648
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080011059
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080011059
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:	0.4
Waste Quantity:	800
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

HIST CORTESE:

edr_fname:	DEWEY PEST CONTROL
edr_fadd1:	1370 GRAND
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT301

CERS:

Name:	WESTLAKE ROYAL STONE LLC
Address:	1370 GRAND AVE
City,State,Zip:	SAN MARCOS, CA 92078

DEWEY PEST CONTROL (Continued) **1000226169**

Site ID: 599853
CERS ID: 900351
CERS Description: Industrial Facility Storm Water

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Westlake Royal Stone LLC
Entity Title: Operator
Affiliation Address: 1370 Grand AveBuilding B
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Name: DEWEY PEST CONTROL
Address: 1370 GRAND AV
City,State,Zip: SAN MARCOS, CA 920692404
Site ID: 207449
CERS ID: T0607301777
CERS Description: Cleanup Program Site

HWTS:
Name: DEWEY PEST CONTROL
Address: 1370 GRAND AVENUE
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92069
EPA ID: CAD981430937
Inactive Date: 01/01/1995
Create Date: 04/10/1987
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 3711 BEVERLY BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: LOS ANGELES, CA 900040000
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,State,Zip: Not reported
Contact Name: CANCEL PER SURVEY 1-27-95 LC
Contact Address: Not reported
Contact Address 2: Not reported
City,State,Zip: Not reported
Facility Status: Inactive
Facility Type: PERMANENT
Category: FEDERAL
Latitude: 33.143587
Longitude: -117.193205

X117 **SAN DIEGO AUTO CENTER** **LUST** **S103671467**
East **755 SAN MARCOS BL** **SAN DIEGO CO. SAM** **N/A**
1/4-1/2 **SAN MARCOS, CA 92069** **San Diego Co. HMMD**
0.494 mi. **Cortese**
2607 ft. **Site 3 of 3 in cluster X** **CERS**

Relative:
Higher

Actual:
547 ft.

LUST:

Name:	SAN DIEGO AUTO CENTER
Address:	755 SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 920694221
Lead Agency:	SAN DIEGO COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302677
Global Id:	T0607302677
Latitude:	33.1365524
Longitude:	-117.1808704
Status:	Completed - Case Closed
Status Date:	12/27/2000
Case Worker:	Not reported
RB Case Number:	9UT3917
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	H26610-001
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0607302677
Action Type:	Other
Date:	03/31/1999
Action:	Leak Began

Global Id:	T0607302677
Action Type:	Other
Date:	05/03/1999
Action:	Leak Reported

Global Id:	T0607302677
Action Type:	ENFORCEMENT
Date:	12/27/2000
Action:	Closure/No Further Action Letter - #H26610-001

Global Id:	T0607302677
Action Type:	Other
Date:	03/31/1999
Action:	Leak Stopped

Global Id:	T0607302677
Action Type:	Other
Date:	03/31/1999
Action:	Leak Discovery

LUST:

Global Id:	T0607302677
Status:	Open - Case Begin Date
Status Date:	03/31/1999

Global Id:	T0607302677

SAN DIEGO AUTO CENTER (Continued) **S103671467**

Status: Completed - Case Closed
Status Date: 12/27/2000

SAN DIEGO CO. SAM:
Name: SAN DIEGO AUTO CENTER
Address: 755 SAN MARCOS BL
City,State,Zip: SAN MARCOS, CA 920694221
Case Number: H26610-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 12/27/2000
Date Began: 3/31/1999

HMMD SAN DIEGO:
Name: ABLE AUTOMOTIVE
Address: 755 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 209543
Business Type: 6HK26
EPA Id Number: Not reported
APN: 219-270-26-00
Last HMMD Inspection: 07/23/2008
Facility Telephone: 760-744-2730
Permit Status: INAC
Permit Expiration: 10/31/2008
Date Last Updated: 11/02/2012
Facility Owner: SEAN SEBO
Facility Mailing Address: 755 SAN MARCOS BLVD #108
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92078
UST Owner: Not reported
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Name: ABLE AUTOMOTIVE
Address: 755 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 209543
Business Type: 6HK26
EPA Id Number: Not reported
APN: 219-270-26-00
Last HMMD Inspection: 07/23/2008
Facility Telephone: 760-744-2730
Permit Status: INAC
Permit Expiration: 10/31/2008
Date Last Updated: 11/02/2012
Facility Owner: SEAN SEBO
Facility Mailing Address: 755 SAN MARCOS BLVD #108

SAN DIEGO AUTO CENTER (Continued) **S103671467**

Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Not reported
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Not reported
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Name:	ABLE AUTOMOTIVE
Address:	755 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	209543
Business Type:	6HK26
EPA Id Number:	Not reported
APN:	219-270-26-00
Last HMMD Inspection:	07/23/2008
Facility Telephone:	760-744-2730
Permit Status:	INAC
Permit Expiration:	10/31/2008
Date Last Updated:	11/02/2012
Facility Owner:	SEAN SEBO
Facility Mailing Address:	755 SAN MARCOS BLVD #108
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92078
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

CORTESE:

Name:	SAN DIEGO AUTO CENTER
Address:	755 SAN MARCOS BL
City,State,Zip:	SAN MARCOS, CA 920694221
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0607302677
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

SAN DIEGO AUTO CENTER (Continued) **S103671467**

WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: SAN DIEGO AUTO CENTER
Address: 755 SAN MARCOS BL
City,State,Zip: SAN MARCOS, CA 920694221
Site ID: 188901
CERS ID: T0607302677
CERS Description: Leaking Underground Storage Tank Cleanup Site

---

AB118 **THE SINGER CO/KEARFOTT DIVISIO** **HIST UST** **U001572232**
WSW **1370 W SAN MARCOS BLVD** **HWP** **N/A**
1/2-1 **SAN MARCOS, CA 92069** **NPDES**
0.534 mi. **CIWQS**
2822 ft. **Site 1 of 3 in cluster AB** **CERS**

Relative:
Lower

Actual:
515 ft.

HIST UST:
Name: THE SINGER CO/KEARFOTT DIVISIO
Address: 1370 W SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92069
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000021768
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 6197441141
Owner Name: THE SINGER COMPANY/KEARFOTT DI
Owner Address: 1370 SAN MARCOS BLVD
Owner City,St,Zip: SAN MARCOS, CA 92069
Total Tanks: 0002

Tank Num: 001
Container Num: 1
Year Installed: 1982
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 02
Year Installed: 1970
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 12"
Leak Detection: None

HWP:
EPA ID: CAD046589305
Name: BAE SYSTEMS IESI

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

Address:	1370 W SAN MARCOS BLVD
Cleanup Status:	CLOSED
Latitude:	33.13231
Longitude:	-117.2004
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Senate District:	38
Assembly District:	75
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	Not reported
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	56-60%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD046589305
Facility Type:	Historical - Non-Operating
Facility Name:	BAE SYSTEMS IESI
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1990-03-30 00:00:00
Type:	Not reported
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	Not reported
Unit Names:	CONTAIN1, TANKSTR1
Event Description:	New Operating Permit - CALL-IN LETTER ISSUED
Actual Date:	03/21/1983

EPA ID:	CAD046589305
Facility Type:	Historical - Non-Operating
Facility Name:	BAE SYSTEMS IESI
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1990-03-30 00:00:00
Type:	Not reported
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

HANDLING FACILITY, Approved Request
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 05/04/1989

EPA ID: CAD046589305
Facility Type: Historical - Non-Operating
Facility Name: BAE SYSTEMS IESI
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1990-03-30 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 03/30/1990

EPA ID: CAD046589305
Facility Type: Historical - Non-Operating
Facility Name: BAE SYSTEMS IESI
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1990-03-30 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 11/04/1988

EPA ID: CAD046589305
Facility Type: Historical - Non-Operating
Facility Name: BAE SYSTEMS IESI
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1990-03-30 00:00:00
Type: Not reported
Title Description: Imported 12/2011:PERMIT1

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/17/1980

Closure:
EPA ID: CAD046589305
Facility Type: Historical - Non-Operating
Facility Name: BAE SYSTEMS IESI
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: Not reported
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 02/12/1991

EPA ID: CAD046589305
Facility Type: Historical - Non-Operating
Facility Name: BAE SYSTEMS IESI
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: Not reported
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, TANKSTR1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 03/31/1992

NPDES:
Name: LA PROVENCE BAKERY
Address: 1370 W SAN MARCOS BLVD STE 130
City,State,Zip: SAN MARCOS, CA 92078
Facility Status: Active
NPDES Number: CAS000001
Region: 9
Agency Number: 0
Regulatory Measure ID: 463973
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 9 37NEC000980

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/07/2015
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1370 W San Marcos Blvd Ste 130
Discharge Name:	La Provence Bakery
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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:	9
Regulatory Measure ID:	463973
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC000980
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:	09/30/2015
Processed Date:	10/07/2015
Status:	Active
Status Date:	10/07/2015
Place Size:	19000
Place Size Unit:	SqFt
Contact:	Karen Dardaine
Contact Title:	Not reported
Contact Phone:	760-736-3299
Contact Phone Ext:	Not reported
Contact Email:	karend@laprovenceinc.com
Operator Name:	La Provence Bakery
Operator Address:	1370 W San Marcos Blvd Ste 130
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Operator Contact:	Karen Dardaine
Operator Contact Title:	Not reported
Operator Contact Phone:	760-736-3299

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

Operator Contact Phone Ext:	Not reported
Operator Contact Email:	karend@laprovenceinc.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:	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:	Karen Dardaine
Certifier Title:	Accounting
Certification Date:	12-SEP-16
Primary Sic:	2051-Bread and Other Bakery Products, Except Cookies and Crackers
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	463973
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	9 37NEC000980
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/07/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	La Provence Bakery
Discharge Address:	1370 W San Marcos Blvd Ste 130
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

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
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

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

Name:	LA PROVENCE BAKERY
Address:	1370 W SAN MARCOS BLVD STE 130
City,State,Zip:	SAN MARCOS, CA 92078
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:	9 37NEC000980
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:	10/07/2015
Operator Name:	La Provence Bakery
Operator Address:	1370 W San Marcos Blvd Ste 130
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	9
Regulatory Measure ID:	463973
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	9 37NEC000980
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:	09/30/2015
Processed Date:	10/07/2015
Status:	Active
Status Date:	10/07/2015
Place Size:	19000
Place Size Unit:	SqFt
Contact:	Karen Dardaine
Contact Title:	Not reported

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

Contact Phone:	760-736-3299
Contact Phone Ext:	Not reported
Contact Email:	karend@laprovenceinc.com
Operator Name:	La Provence Bakery
Operator Address:	1370 W San Marcos Blvd Ste 130
Operator City:	San Marcos
Operator State:	California
Operator Zip:	92078
Operator Contact:	Karen Dardaine
Operator Contact Title:	Not reported
Operator Contact Phone:	760-736-3299
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	karend@laprovenceinc.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:	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:	Karen Dardaine
Certifier Title:	Accounting
Certification Date:	12-SEP-16
Primary Sic:	2051-Bread and Other Bakery Products, Except Cookies and Crackers
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	9
Regulatory Measure ID:	463973
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

WDID:	9 37NEC000980
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/07/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	La Provence Bakery
Discharge Address:	1370 W San Marcos Blvd Ste 130
Discharge City:	San Marcos
Discharge State:	California
Discharge Zip:	92078
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
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

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:	LA PROVENCE BAKERY
Address:	1370 W SAN MARCOS BLVD STE 130
City,State,Zip:	SAN MARCOS, CA 92078
Agency:	La Provence Bakery
Agency Address:	1370 W San Marcos Blvd Ste 130, San Marcos, CA 92078
Place/Project Type:	Industrial - Bread and Other Bakery Products, Except Cookies and Crackers
SIC/NAICS:	2051
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37NEC000980
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	10/07/2015
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:	0
Violations within 5 years:	0
Latitude:	33.132465
Longitude:	-117.200434

CERS:

Name:	LA PROVENCE BAKERY
Address:	1370 W SAN MARCOS BLVD STE 130
City,State,Zip:	SAN MARCOS, CA 92078
Site ID:	535266
CERS ID:	840900
CERS Description:	Industrial Facility Storm Water

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-21-2015
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	Drive-by inspection performed by Cleo Munoz. No issues were found. Met NEC requirements.
Eval Division:	Water Boards

THE SINGER CO/KEARFOTT DIVISIO (Continued) **U001572232**

Eval Program: INDSTW
Eval Source: SMARTS,

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: La Provence Bakery
Entity Title: Operator
Affiliation Address: 1370 W San Marcos Blvd Ste 130
Affiliation City: San Marcos
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92078
Affiliation Phone: ,

Name: BAE SYSTEMS IESI
Address: 1370 W SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 920781601
Site ID: 215471
CERS ID: CAD046589305
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: JOHN LEFEBVRE
Entity Title: Not reported
Affiliation Address: PO BOX 868MER24-1K01
Affiliation City: NASHUA
Affiliation State: NH
Affiliation Country: Not reported
Affiliation Zip: 030610868
Affiliation Phone: 6038850629,

Affiliation Type Desc: Facility Owner
Entity Name: BAE SYSTEMS IESI
Entity Title: Not reported
Affiliation Address: PO BOX 868MER24-1G43
Affiliation City: NASHUA
Affiliation State: NH
Affiliation Country: Not reported
Affiliation Zip: 030610868
Affiliation Phone: 6038850629,

AB119 **GEC MARCONI ELECTRONIC SYSTEMS** **SEMS-ARCHIVE** **1000386386**
WSW **1370 SAN MARCOS BLVD** **CORRACTS** **CAD046589305**
1/2-1 **SAN MARCOS, CA 92069** **RCRA-TSDF**
0.534 mi. **RCRA-SQG**
2822 ft. **Site 2 of 3 in cluster AB** **2020 COR ACTION**

Relative:
Lower

Actual:
515 ft.

SEMS Archive:
Site ID: 0904463
EPA ID: CAD046589305
Name: PLESSY ELECTRONIC/GEC MARCONI
Address: 1370 SAN MARCOS
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92069
Cong District: 43

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

FIPS Code: 06073
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region: 09
Site ID: 0904463
EPA ID: CAD046589305
Site Name: PLESSY ELECTRONIC/GEC MARCONI
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0904463
EPA ID: CAD046589305
Site Name: PLESSY ELECTRONIC/GEC MARCONI
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-04-08 04:00:00
Finish Date: 1992-04-08 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904463
EPA ID: CAD046589305
Site Name: PLESSY ELECTRONIC/GEC MARCONI
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1992-05-26 04:00:00
Qual: D
Current Action Lead: EPA Perf

CORRACTS:

Name: GEC MARCONI ELECTRONIC SYSTEMS
Address: 1370 SAN MARCOS BLVD
Address 2: Not reported
EPA ID: CAD046589305

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Area Name: SOILS
Corrective Action: INVESTIGATION COMPLETE
Actual Date: 19951220
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: GEC MARCONI ELECTRONIC SYSTEMS
Address: 1370 SAN MARCOS BLVD
Address 2: Not reported
EPA ID: CAD046589305
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION and TREATMENT
Actual Date: 19881220
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: GEC MARCONI ELECTRONIC SYSTEMS
Address: 1370 SAN MARCOS BLVD
Address 2: Not reported
EPA ID: CAD046589305
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL and/OR TRT
Actual Date: 19881220
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: GEC MARCONI ELECTRONIC SYSTEMS
Address: 1370 SAN MARCOS BLVD
Address 2: Not reported
EPA ID: CAD046589305
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 20120221
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: GEC MARCONI ELECTRONIC SYSTEMS
Address: 1370 SAN MARCOS BLVD
Address 2: Not reported
EPA ID: CAD046589305
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 19971215
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Surface Water Release Indicator: Not reported

Name: GEC MARCONI ELECTRONIC SYSTEMS
Address: 1370 SAN MARCOS BLVD
Address 2: Not reported
EPA ID: CAD046589305
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED
Actual Date: 19971215
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: GEC MARCONI ELECTRONIC SYSTEMS
Address: 1370 SAN MARCOS BLVD
Address 2: Not reported
EPA ID: CAD046589305
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20120221
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA-SQG:
Date Form Received by Agency: 19960901
Handler Name: GEC MARCONI ELECTRONIC SYSTEMS
Handler Address: 1370 SAN MARCOS BLVD
Handler City,State,Zip: SAN MARCOS, CA 92069
EPA ID: CAD046589305
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, Corrective Action Activities
State District Owner: CA
State District: 4
Mailing Address: 1370 SAN MARCOS BLVD
Mailing City,State,Zip: SAN MARCOS, CA 92069
Owner Name: Not reported
Owner Type: Not reported
Operator Name: SINGER CO- KEARFOTT DIVISION
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

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:	Storage
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:	Storage
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
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:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
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:	20060905
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:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEC MARCONI ELECTRONIC SYST

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1370 SAN MARCOS BLVD
Owner/Operator City,State,Zip: SAN MARCOS, CA 92069
Owner/Operator Telephone: 619-744-1141
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SINGER CO- KEARFOTT DIVISION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1370 SAN MARCOS BLVD
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 714-744-1141
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SINGER CO- KEARFOTT DIVISION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1370 SAN MARCOS BLVD
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 714-744-1141
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: GEC MARCONI ELECTRONIC SYSTEMS
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: 19960901
Handler Name: GEC MARCONI ELECTRONIC SYSTEMS
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

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930730
Handler Name: GEC MARCONI ELECTRONIC SYSTEMS
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: 19900321
Handler Name: PLESSEY ELECTRONIC SYSTEMS CORP
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: 19920228
Handler Name: GEC-MARCONI ELECTRONIC SYST.
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: 19940330
Handler Name: GEC-MARCONI ELECTRONIC SYSTEMS CORP.
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

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

List of NAICS Codes and Descriptions:
NAICS Code: 33429
NAICS Description: OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

NAICS Code: 334511
NAICS Description: SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920316
Actual Return to Compliance Date:	19930504
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880908
Actual Return to Compliance Date:	19881115
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19930504
Actual Return to Compliance Date:	19980504
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19900605
Actual Return to Compliance Date: 19920316
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19880916
Actual Return to Compliance Date: 19881129
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Date of Enforcement Action:	19881017
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19880908
Actual Return to Compliance Date:	19881024
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19881031
Enforcement Identifier:	001
Date of Enforcement Action:	19881017
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19880908
Actual Return to Compliance Date: 19881115
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19920316
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930504
Scheduled Compliance Date: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880908
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19881115
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930504
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19980504
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19900605
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19920316
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880916
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19881129
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Evaluation Date:	19880908
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19881024
Scheduled Compliance Date:	19881031
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880908
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19881115
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

RCRA-SQG:

Date Form Received by Agency:	19960901
Handler Name:	GEC MARCONI ELECTRONIC SYSTEMS
Handler Address:	1370 SAN MARCOS BLVD
Handler City,State,Zip:	SAN MARCOS, CA 92069
EPA ID:	CAD046589305
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, Corrective Action Activities
State District Owner:	CA
State District:	4
Mailing Address:	1370 SAN MARCOS BLVD
Mailing City,State,Zip:	SAN MARCOS, CA 92069
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	SINGER CO- KEARFOTT DIVISION
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:	Storage
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:	Storage
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
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:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
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:	20060905
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:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEC MARCONI ELECTRONIC SYST
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1370 SAN MARCOS BLVD
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	619-744-1141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SINGER CO- KEARFOTT DIVISION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1370 SAN MARCOS BLVD
Owner/Operator City,State,Zip:	CITY NOT REPORTED, CA 99999
Owner/Operator Telephone:	714-744-1141
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SINGER CO- KEARFOTT DIVISION
Legal Status:	Private
Date Became Current:	Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Date Ended Current: Not reported
Owner/Operator Address: 1370 SAN MARCOS BLVD
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999
Owner/Operator Telephone: 714-744-1141
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901
Handler Name: GEC MARCONI ELECTRONIC SYSTEMS
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: 19960901
Handler Name: GEC MARCONI ELECTRONIC SYSTEMS
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: 19930730
Handler Name: GEC MARCONI ELECTRONIC SYSTEMS
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: 19900321
Handler Name: PLESSEY ELECTRONIC SYSTEMS CORP
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

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920228
Handler Name: GEC-MARCONI ELECTRONIC SYST.
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: 19940330
Handler Name: GEC-MARCONI ELECTRONIC SYSTEMS CORP.
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: 33429
NAICS Description: OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING

NAICS Code: 334511
NAICS Description: SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19920316
Actual Return to Compliance Date: 19930504
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19880908
Actual Return to Compliance Date: 19881115
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19930504
Actual Return to Compliance Date: 19980504
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19900605
Actual Return to Compliance Date: 19920316
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19880916
Actual Return to Compliance Date: 19881129
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 19881017
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19880908
Actual Return to Compliance Date: 19881024
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19881031
Enforcement Identifier: 001
Date of Enforcement Action: 19881017
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19880908
Actual Return to Compliance Date: 19881115
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19920316
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19930504
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880908
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19881115
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930504
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19980504
Scheduled Compliance Date: Not reported
Date of Request: Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900605
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920316
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880916
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19881129
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880908
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19881024
Scheduled Compliance Date:	19881031
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880908
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19881115
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

GEC MARCONI ELECTRONIC SYSTEMS (Continued) **1000386386**

2020 COR ACTION:
EPA ID: CAD046589305
Region: 9
Action: Remedy Construction

AB120 **SINGER CO, KEARFOTT DIVISION** **ENVIROSTOR** **S104745776**
WSW **1370 SAN MARCOS BLVD.** **CPS-SLIC** **N/A**
1/2-1 **SAN MARCOS, CA 92069** **ENF**
0.534 mi. **HIST CORTESE**
2822 ft. **Site 3 of 3 in cluster AB** **CIWQS**
CERS

Relative: Lower

Actual: 515 ft.

ENVIROSTOR:
Name: BAE SYSTEMS AEROSPACE INC
Address: 1370 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 920690000
Facility ID: 80001395
Status: Refer: RWQCB
Status Date: 01/01/2008
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: RWQCB 9 - San Diego
Lead Agency: RWQCB 9 - San Diego
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Cypress
Assembly: 75
Senate: 38
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.13231
Longitude: -117.2004
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD046589305
Alias Type: EPA Identification Number
Alias Name: 80001395
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/01/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 06/02/1992

SINGER CO, KEARFOTT DIVISION (Continued) **S104745776**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 12/20/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Implementation Report
Completed Date: 09/01/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 12/20/1988
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: SOILS
Completed Document Type: RFI Report
Completed Date: 12/20/1995
Comments: RFI APPROVAL IS FOR SOILS ONLY. GW INVESTIGATIONS STILL ONGOING, BUT ALMOST COMPLETE AS OF 12/15/97 ANALOGOUS REVIEW. RSARACINO 19971215.13:51S

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 12/20/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 02/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/15/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 02/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/15/1997
Comments: Not reported

SINGER CO, KEARFOTT DIVISION (Continued) **S104745776**

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

Name:	SINGER CO, KEARFOTT DIVISION
Address:	1370 SAN MARCOS BLVD.
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	37370110
Status:	Refer: RCRA
Status Date:	05/16/1995
Site Code:	400357
Site Type:	Historical
Site Type Detailed:	* Historical
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:	75
Senate:	38
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.13251
Longitude:	-117.2003
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * LIQUIDS WITH PH <= 2 * Metals - Sludge * ORGANIC LIQUIDS WITH METALS * OXYGENATED SOLVENTS * AQUEOUS SOLUTION WITH METALS * CONTAMINATED SOIL * ACID SOLUTION 2>PH WITH METALS * UNSPECIFIED ALKALINE SOLUTIONS * UNSPECIFIED SLUDGE WASTE * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL * EMPTY CONTAINERS, LESS THAN 30 GALLONS * OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE * UNSPECIFIED ORGANIC LIQUID MIXTURE Chromium VI
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	GEC MARCONI ELECTRONIC SYSTEMS
Alias Type:	Alternate Name
Alias Name:	GENERAL PRECISION
Alias Type:	Alternate Name
Alias Name:	PLESSEY ELECTRONIC SYSTEMS CORP
Alias Type:	Alternate Name
Alias Name:	SINGER ELECTRONIC SYSTEMS
Alias Type:	Alternate Name
Alias Name:	CAD046589305
Alias Type:	EPA Identification Number
Alias Name:	CAD982360315
Alias Type:	EPA Identification Number

SINGER CO, KEARFOTT DIVISION (Continued) **S104745776**

Alias Name: 400357
Alias Type: Project Code (Site Code)
Alias Name: 37370110
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/22/1989
Comments: PERMIT(OTHER) RCRA TSD PERMIT STATUS 1: PERMIT CANDIDATE SITE SCREENING DONE RATIONALE FOR REFERRED STATUS: TSD FACILITY

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/09/1987
Comments: SITE SCREENING DONE SITE HAD LEAKING U/G TANK, GWATER CONTM WITH CU, CR, AND SOLVENTS. STATUS OF SITE UNKNOWN

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/01/1983
Comments: FACILITY IDENTIFIED ID VIA 68 NORTH COUNTY PHONE BOOK

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

CPS-SLIC:
Name: BAE SYSTEMS (FORMER GEC MARCONI, SINGER COMPANY)
Address: 1370 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92069
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 09/08/2015
Global Id: T0607302845
Lead Agency: SAN DIEGO RWQCB (REGION 9)
Lead Agency Case Number: H03743-001
Latitude: 33.1331669372679
Longitude: -117.200206518173
Case Type: Cleanup Program Site
Case Worker: CQC
Local Agency: Not reported
RB Case Number: 2090015
File Location: Regional Board
Potential Media Affected: Indoor Air, Other Groundwater (uses other than drinking water), Soil, Soil Vapor, Surface water
Potential Contaminants of Concern: Other Acid or Corrosive, * Solvents, 1,1,1-Trichloroethane (TCA), Benzene, Tetrachloroethylene (PCE), Toluene, Trichloroethylene (TCE),

SINGER CO, KEARFOTT DIVISION (Continued) **S104745776**

Vinyl chloride, Freon, * Metals, Copper

Site History: Background -in-situ reactive zone: chemical injection to promote enhanced reductive dechlorination -July 05- Pilot test: carbon amendment solution (molasses, corn syrup, emulsified oil) and bioaugmentation -Oct 06- full-scale IRZ implemented Cleanup and Abatement Order No. 88-89 and Addendum No. 1; November 2, 2005 -soil cleanup achieved -remedial action plan received 5/3/04 -establishes revised cleanup levels protective of San Marcos creek and building occupants, addresses additional chemicals -directives to meet cleanup levels, implement RAP (schedule to be established in subsequent CAO amendment) -directive for verification quarterly GWM for >=1 year, final closure report, decommission wells

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	BAE SYSTEMS AEROSPACE INC
Address:	1370 SAN MARCOS BOULEVARD
City,State,Zip:	SAN MARCOS, CA
Region:	9
Facility Id:	208521
Agency Name:	BAE Systems
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	5541
SIC Desc 1:	Gasoline Service Stations
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:	0.4
Threat To Water Quality:	3
Complexity:	A
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Miscellaneous
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	9 000000681
Reg Measure Id:	213896

SINGER CO, KEARFOTT DIVISION (Continued) **S104745776**

Reg Measure Type:	Enrollee
Region:	9
Order #:	01-096
Npdes# CA#:	CAG919002
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	07/20/1995
Effective Date:	07/20/1995
Expiration/Review Date:	Not reported
Termination Date:	04/13/2004
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:	Y
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	233299
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	12/21/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/21/1999
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000000681
Description:	Failure to pay annual fee.
Program:	NPDNONMUNIPRCS
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

HIST CORTESE:

edr_fname:	GEC MARCONI ELECTRONIC SY
edr_fadd1:	1370 SAN MARCOS
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	WBC&D
Reg Id:	9 000080N94

SINGER CO, KEARFOTT DIVISION (Continued) **S104745776**

edr_fname:	THE SINGER COMPANY
edr_fadd1:	1370 SAN MARCOS
City,State,Zip:	SAN MARCOS, CA 92069
Region:	CORTESE
Facility County Code:	37
Reg By:	LTNKA
Reg Id:	9UT556

CIWQS:

Name:	BAE SYSTEMS AEROSPACE INC
Address:	1370 SAN MARCOS BOULEVARD
City,State,Zip:	SAN MARCOS, CA
Agency:	BAE Systems
Agency Address:	Po Box 868 Mer 12-1506, Nashua, NH 03061-0868
Place/Project Type:	Other
SIC/NAICS:	5541
Region:	9
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	01-096
WDID:	9 000000681
NPDES Number:	CAG919002
Adoption Date:	Not reported
Effective Date:	07/20/1995
Termination Date:	04/13/2004
Expiration/Review Date:	Not reported
Design Flow:	0.4
Major/Minor:	Not reported
Complexity:	A
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

CERS:

Name:	BAE SYSTEMS (FORMER GEC MARCONI, SINGER COMPANY)
Address:	1370 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	251073
CERS ID:	T0607302845
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CHARLES Q. CHENG - SAN DIEGO RWQCB (REGION 9)
Entity Title:	Not reported
Affiliation Address:	2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City:	SAN DIEGO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	6195213359,

121
ENE
1/2-1
0.636 mi.
3360 ft.

SAN MARCOS CAL STATE UNIVERSITY CAMPUS
800 WEST VALLECITOS BOULEVARD
SAN MARCOS, CA 92069

ENVIROSTOR **S101481952**
N/A

Relative:
Higher

Actual:
557 ft.

ENVIROSTOR:

Name:	SAN MARCOS CAL STATE UNIVERSITY CAMPUS
Address:	800 WEST VALLECITOS BOULEVARD
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	37020001
Status:	Refer: RWQCB
Status Date:	03/27/1995
Site Code:	400480
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.14013
Longitude:	-117.1797
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	C S U SAN MARCOS
Alias Type:	Alternate Name
Alias Name:	CALIFORNIA STATE UNIVERSITY, SAN MARCOS
Alias Type:	Alternate Name
Alias Name:	SAN MARCOS STATE UNIVERSITY
Alias Type:	Alternate Name
Alias Name:	400480
Alias Type:	Project Code (Site Code)
Alias Name:	37020001
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/08/1991
Comments:	Meeting was held between CSU San Marcos & DHS TSCP. PEA guidance given. Letter from Ted Binkley of CSU asking for DHS/TSCP oversight of a PEA (10/9/90). PEA volume one submitted on 10/16/90. Letter dated 12/18/90 from DHS/TSCP to CSU San Marcos stating findings: Need for Deed Restriction and second PEA to cover entire campus. Letter to CSU San Marcos referring lead agency status to San Diego RWQCB (03/04/91). Site was once a poultry farm.

SAN MARCOS CAL STATE UNIVERSITY CAMPUS (Continued) **S101481952**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	03/27/1995
Comments:	NFA for DTSC due to RWQCB involvement.
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

122
NNE
1/2-1
0.658 mi.
3472 ft.

Relative:
Higher

Actual:
560 ft.

SIGNET ARMORLITE, INC.
1001 ARMORLITE DRIVE
SAN MARCOS, CA 92069

SEMS-ARCHIVE **1000314091**
CORRACTS **CAD008362634**
RCRA-TSDF
RCRA-LQG
ENVIROSTOR
LUST
SAN DIEGO CO. SAM
CPS-SLIC
San Diego Co. HMMD
DEED
2020 COR ACTION
ICIS
US AIRS
Cortese
EMI
ENF
HAZNET
HIST CORTESE
HWP
SAN DIEGO CO LOP
CIWQS
CERS
HWTS

SEMS Archive:

Site ID:	0900209
EPA ID:	CAD008362634
Name:	SIGNET ARMORLITE
Address:	130 N BINGHAM DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 92069
Cong District:	43
FIPS Code:	06073
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Deferred to RCRA (Subtitle C)

SEMS Archive Detail:

Region:	09
Site ID:	0900209
EPA ID:	CAD008362634
Site Name:	SIGNET ARMORLITE

SIGNET ARMORLITE, INC. (Continued) **1000314091**

NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1996-01-23 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0900209
EPA ID: CAD008362634
Site Name: SIGNET ARMORLITE
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-08-26 04:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0900209
EPA ID: CAD008362634
Site Name: SIGNET ARMORLITE
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1991-03-01 05:00:00
Finish Date: 1991-03-01 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:
Name: SIGNET ARMORLITE, INC.
Address: 1001 ARMORLITE DRIVE
Address 2: Not reported
EPA ID: CAD008362634
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-GROUNDWATER EXTRACTION and TREATMENT
Actual Date: 19960101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: SIGNET ARMORLITE, INC.

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Address: 1001 ARMORLITE DRIVE
Address 2: Not reported
EPA ID: CAD008362634
Area Name: ENTIRE FACILITY
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL and/OR TRT
Actual Date: 19960101
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: SIGNET ARMORLITE, INC.
Address: 1001 ARMORLITE DRIVE
Address 2: Not reported
EPA ID: CAD008362634
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 19971215
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: SIGNET ARMORLITE, INC.
Address: 1001 ARMORLITE DRIVE
Address 2: Not reported
EPA ID: CAD008362634
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Actual Date: 19971215
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: SIGNET ARMORLITE, INC.
Address: 1001 ARMORLITE DRIVE
Address 2: Not reported
EPA ID: CAD008362634
Area Name: ENTIRE FACILITY
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date: 20180611
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: SIGNET ARMORLITE, INC.
Address: 1001 ARMORLITE DRIVE
Address 2: Not reported
EPA ID: CAD008362634
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20180611

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

RCRA-LQG:

Date Form Received by Agency:		20120229
Handler Name:	SIGNET ARMORLITE, INC.	
Handler Address:		1001 ARMORLITE DRIVE
Handler City,State,Zip:		SAN MARCOS, CA 92069
EPA ID:		CAD008362634
Contact Name:		JOHN T HINGEY
Contact Address:		ARMORLITE DRIVE
Contact City,State,Zip:		SAN MARCOS, CA 92069
Contact Telephone:		760-744-4000
Contact Fax:		760-471-6255
Contact Email:		JHINGEY@SIGNETARMOLITE.COM
Contact Title:		V.P. OF MANUFACTURING
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2011
Accessibility:		Not reported
Active Site Indicator:		Handler Activities, Corrective Action Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		ARMORLITE DRIVE
Mailing City,State,Zip:		SAN MARCOS, CA 92069
Owner Name:		EDA HOLDINGS CO, INC.
Owner Type:		Private
Operator Name:		EDA HOLDINGS CO, INC.
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:		Storage, Treatment
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
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:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
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:	20121106
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:	No

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

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.

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.

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Waste Code: P005
Waste Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U007
Waste Description: 2-PROPENAMIDE (OR) ACRYLAMIDE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U112
Waste Description: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U236
Waste Description: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO -4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: EDA HOLDINGS CO, INC.
Legal Status: Private
Date Became Current: 20100401
Date Ended Current: Not reported
Owner/Operator Address: 135555 N STEMMONS FREEWAY
Owner/Operator City,State,Zip: DALLAS, TX 75234
Owner/Operator Telephone: 760-744-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INDUSTRIE OTTICHE EUROPEE
Legal Status: Private
Date Became Current: 19970301
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: INDUSTRIE OTTICHE EUROPEE
Legal Status: Private

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
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:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	19970301
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:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	VIA XX SETTEMBRE 12
Owner/Operator City,State,Zip:	MILANO ITALY, CA 99999
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:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
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:	ARMORLITE S.P.A
Legal Status:	Private
Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	760-744-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
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:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	19970301
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:	ARMORLITE S.P.A.
Legal Status:	Private
Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
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:	EDA HOLDINGS CO, INC.
Legal Status:	Private
Date Became Current:	20100401
Date Ended Current:	Not reported
Owner/Operator Address:	135555 N STEMMONS FREEWAY
Owner/Operator City,State,Zip:	DALLAS, TX 75234
Owner/Operator Telephone:	760-744-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SIGNET ARMORLITE INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DR
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	619-744-4000
Owner/Operator Telephone Ext:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100201
Handler Name: SIGNET ARMORLITE, INC.
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: 20120229
Handler Name: SIGNET ARMORLITE, INC.
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

Receive Date: 19960901
Handler Name: SIGNET ARMORLITE INC
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: 20040310
Handler Name: SIGNET ARMORLITE, 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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930513

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Handler Name: SIGNET ARMORLITE INC
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: 19900413
Handler Name: SIGNET ARMORLITE INC
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: 19920224
Handler Name: SIGNET ARMORLITE, INC.
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: 19940309
Handler Name: SIGNET ARMORLITE INC
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: 19960226
Handler Name: SIGNET ARMORLITE, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

SIGNET ARMORLITE, INC. (Continued) **1000314091**

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:	19990304
Handler Name: SIGNET ARMORLITE, INC.	
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:	20001012
Handler Name: SIGNET ARMORLITE	
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:	20020227
Handler Name: SIGNET ARMORLITE INC.	
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:	20040310
Handler Name: SIGNET ARMORLITE, INC.	
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

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Electronic Manifest Broker: Not reported

Receive Date: 20080616
Handler Name: SIGNET ARMORLITE, INC.
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: 326199
NAICS Description: ALL OTHER PLASTICS PRODUCT MANUFACTURING

NAICS Code: 339115
NAICS Description: OPHTHALMIC GOODS MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19920420
Actual Return to Compliance Date: 19920910
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20030908
Actual Return to Compliance Date:	20051027
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19920420
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19871021
Actual Return to Compliance Date:	19920313
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19880124
Enforcement Identifier:	001
Date of Enforcement Action:	19871222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19920420
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19871021
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19880124
Enforcement Identifier:	001
Date of Enforcement Action:	19871222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19920420
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19900117
Actual Return to Compliance Date:	19910307
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880126
Actual Return to Compliance Date:	19890426
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	003
Date of Enforcement Action:	19890201
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	30000
Final Monetary Amount:	30000
Paid Amount:	Not reported
Final Count:	1
Final Amount:	30000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19910307
Actual Return to Compliance Date:	19920313
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880121
Actual Return to Compliance Date:	19880725
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19880705
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880126
Actual Return to Compliance Date:	19890426
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	002
Date of Enforcement Action:	19880224
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9STA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19930722
Actual Return to Compliance Date:	19980722
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19920420
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880121
Actual Return to Compliance Date:	19880725
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19880705
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19920313
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19920910
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20030908
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20051027
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920313
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19871021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920313
Scheduled Compliance Date:	19880124
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19871021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	19880124
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Former Citation:	Not reported
Evaluation Date:	19900117
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910307
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880126
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890426
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910307
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920313
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880121
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880725
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061027
Evaluation Responsible Agency:	Local
Found Violation:	No

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880126
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890426
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930722
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980722
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20051027
Evaluation Responsible Agency:	Local
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920421
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880121
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880725
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

RCRA-LQG:

Date Form Received by Agency:		20120229
Handler Name:	SIGNET ARMORLITE, INC.	
Handler Address:		1001 ARMORLITE DRIVE
Handler City,State,Zip:		SAN MARCOS, CA 92069
EPA ID:		CAD008362634
Contact Name:		JOHN T HINGEY
Contact Address:		ARMORLITE DRIVE
Contact City,State,Zip:		SAN MARCOS, CA 92069
Contact Telephone:		760-744-4000
Contact Fax:		760-471-6255
Contact Email:		JHINGEY@SIGNETARMOLITE.COM
Contact Title:		V.P. OF MANUFACTURING
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2011
Accessibility:		Not reported
Active Site Indicator:		Handler Activities, Corrective Action Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		ARMORLITE DRIVE
Mailing City,State,Zip:		SAN MARCOS, CA 92069
Owner Name:		EDA HOLDINGS CO, INC.
Owner Type:		Private
Operator Name:		EDA HOLDINGS CO, INC.
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:		Storage, Treatment
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:		Storage, Treatment
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
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:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
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:	20121106
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:	No

Biennial: List of Years
Year: 2011

Click Here for Biennial Reporting System Data:
Year: 2009

Click Here for Biennial Reporting System Data:
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

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:	D007
Waste Description:	CHROMIUM

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Waste Code: D009
Waste Description: MERCURY

Waste Code: D011
Waste Description: SILVER

Waste Code: D018
Waste Description: BENZENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

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.

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: P005
Waste Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Waste Code: U002
Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Waste Code: U007
Waste Description: 2-PROPENAMIDE (OR) ACRYLAMIDE

Waste Code: U080
Waste Description: METHANE, DICHLORO- (OR) METHYLENE CHLORIDE

Waste Code: U112
Waste Description: ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)

Waste Code: U151
Waste Description: MERCURY

Waste Code: U154
Waste Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Waste Code: U220
Waste Description: BENZENE, METHYL- (OR) TOLUENE

Waste Code: U236
Waste Description: 2,7-NAPHTHALENEDISULFONIC ACID,3,3'-[(3,3'-DIMETHYL[1,1'-BIPHENYL]-4,4'-DIYL)BIS(AZO)BIS[5-AMINO -4-HYDROXY]-, TETRASODIUM SALT (OR) TRYPAN BLUE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: EDA HOLDINGS CO, INC.
Legal Status: Private
Date Became Current: 20100401
Date Ended Current: Not reported
Owner/Operator Address: 135555 N STEMMONS FREEWAY
Owner/Operator City,State,Zip: DALLAS, TX 75234
Owner/Operator Telephone: 760-744-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: INDUSTRIE OTTICHE EUROPEE
Legal Status: Private
Date Became Current: 19970301
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: INDUSTRIE OTTICHE EUROPEE
Legal Status: Private
Date Became Current: 19970301
Date Ended Current: Not reported
Owner/Operator Address: 1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip: SAN MARCOS, CA 92069
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	19970301
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:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	VIA XX SETTEMBRE 12
Owner/Operator City,State,Zip:	MILANO ITALY, CA 99999
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:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
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:	ARMORLITE S.P.A
Legal Status:	Private
Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip:	SAN MARCOS, CA 92069
Owner/Operator Telephone:	760-744-4000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	INDUSTRIE OTTICHE EUROPEE
Legal Status:	Private
Date Became Current:	19970301
Date Ended Current:	Not reported
Owner/Operator Address:	1001 ARMORLITE DRIVE

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Owner/Operator City,State,Zip: SAN MARCOS, CA 92069
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: INDUSTRIE OTTICHE EUROPEE
Legal Status: Private
Date Became Current: 19970301
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: ARMORLITE S.P.A.
Legal Status: Private
Date Became Current: 19970301
Date Ended Current: Not reported
Owner/Operator Address: 1001 ARMORLITE DRIVE
Owner/Operator City,State,Zip: SAN MARCOS, CA 92069
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: EDA HOLDINGS CO, INC.
Legal Status: Private
Date Became Current: 20100401
Date Ended Current: Not reported
Owner/Operator Address: 135555 N STEMMONS FREEWAY
Owner/Operator City,State,Zip: DALLAS, TX 75234
Owner/Operator Telephone: 760-744-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SIGNET ARMORLITE INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1001 ARMORLITE DR
Owner/Operator City,State,Zip: SAN MARCOS, CA 92069
Owner/Operator Telephone: 619-744-4000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100201
Handler Name: SIGNET ARMORLITE, INC.

SIGNET ARMORLITE, INC. (Continued) **1000314091**

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:	20120229
Handler Name: SIGNET ARMORLITE, INC.	
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

Receive Date:	19960901
Handler Name: SIGNET ARMORLITE INC	
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:	20040310
Handler Name: SIGNET ARMORLITE, 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:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19930513
Handler Name: SIGNET ARMORLITE INC	
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

SIGNET ARMORLITE, INC. (Continued) **1000314091**

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:	19900413
Handler Name: SIGNET ARMORLITE INC	
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:	19920224
Handler Name: SIGNET ARMORLITE, INC.	
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:	19940309
Handler Name: SIGNET ARMORLITE INC	
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:	19960226
Handler Name: SIGNET ARMORLITE, INC.	
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

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Receive Date:	19990304
Handler Name: SIGNET ARMORLITE, INC.	
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:	20001012
Handler Name: SIGNET ARMORLITE	
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:	20020227
Handler Name: SIGNET ARMORLITE INC.	
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:	20040310
Handler Name: SIGNET ARMORLITE, INC.	
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:	20080616
Handler Name: SIGNET ARMORLITE, INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No

SIGNET ARMORLITE, INC. (Continued) **1000314091**

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: 326199
NAICS Description: ALL OTHER PLASTICS PRODUCT MANUFACTURING

NAICS Code: 339115
NAICS Description: OPHTHALMIC GOODS MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19920420
Actual Return to Compliance Date: 19920910
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Violation Short Description:	Generators - General
Date Violation was Determined:	20030908
Actual Return to Compliance Date:	20051027
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19920420
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19871021
Actual Return to Compliance Date: 19920313
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19880124
Enforcement Identifier: 001
Date of Enforcement Action: 19871222
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19920420
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19871021
Actual Return to Compliance Date:	19920910
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19880124
Enforcement Identifier:	001
Date of Enforcement Action:	19871222
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19920420
Actual Return to Compliance Date: 19920910
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Violation Short Description:	Generators - General
Date Violation was Determined:	19900117
Actual Return to Compliance Date:	19910307
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19880126
Actual Return to Compliance Date:	19890426
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	003
Date of Enforcement Action:	19890201
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 30000
Final Monetary Amount: 30000
Paid Amount: Not reported
Final Count: 1
Final Amount: 30000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19910307
Actual Return to Compliance Date: 19920313
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Violation Short Description:	LDR - General
Date Violation was Determined:	19880121
Actual Return to Compliance Date:	19880725
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19880705
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - Financial Requirements
Date Violation was Determined: 19880126
Actual Return to Compliance Date: 19890426
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 002
Date of Enforcement Action: 19880224
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9STA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Violation Short Description:	Generators - General
Date Violation was Determined:	19930722
Actual Return to Compliance Date:	19980722
Return to Compliance Qualifier:	Not Resolved
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19920420
Actual Return to Compliance Date: 19920910
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19880121
Actual Return to Compliance Date:	19880725
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	19880705
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R9EPA
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19920313
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19920910
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20030908
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 20051027
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19920313
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19920910
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Evaluation Date:	19871021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920313
Scheduled Compliance Date:	19880124
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19871021
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	19880124
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900117
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910307
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880126
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19890426
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19910307
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19920313
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19880121
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R9STA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19880725
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061027
Evaluation Responsible Agency: Local
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19880126
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19890426
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930722
Evaluation Responsible Agency:	State Contractor/Grantee
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19980722
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20051027
Evaluation Responsible Agency:	Local
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920313
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19920910
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920421
Evaluation Responsible Agency:	State

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880121
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19880725
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

ENVIROSTOR:

Name:	SIGNET ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 920690000
Facility ID:	80001570
Status:	Refer: RWQCB
Status Date:	08/29/2012
Site Code:	400252
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0
NPL:	NO
Regulatory Agencies:	RWQCB 9 - San Diego
Lead Agency:	RWQCB 9 - San Diego
Program Manager:	Not reported
Supervisor:	* Unknown
Division Branch:	Cleanup Cypress
Assembly:	75
Senate:	38
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.14554
Longitude:	-117.1853
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD008362634
Alias Type:	EPA Identification Number
Alias Name:	110000478689
Alias Type:	EPA (FRS #)
Alias Name:	400252
Alias Type:	Project Code (Site Code)
Alias Name:	80001570
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	RCRA Facility Assessment Report
Completed Date:	08/08/1991
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Interim Measures Questionnaire
Completed Date:	01/31/1992
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Consent Order
Completed Date:	04/10/1995
Comments:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 01/01/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 08/08/1991
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 01/01/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 06/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Construction Complete
Completed Date: 06/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 12/15/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 12/15/1997
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: ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 920691431
Lead Agency: SAN DIEGO COUNTY LOP

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607302793
Global Id:	T0607302793
Latitude:	33.1444595432761
Longitude:	-117.185845971107
Status:	Completed - Case Closed
Status Date:	09/22/1986
Case Worker:	KH
RB Case Number:	9UT493
Local Agency:	SAN DIEGO COUNTY LOP
File Location:	Local Agency
Local Case Number:	H02662-001
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0607302793
Contact Type:	Local Agency Caseworker
Contact Name:	KEVIN HEATON
Organization Name:	SAN DIEGO COUNTY LOP
Address:	P.O. Box 129261
City:	San Diego
Email:	kevin.heaton@sdcounty.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0607302793
Action Type:	Other
Date:	08/26/1986
Action:	Leak Began

Global Id:	T0607302793
Action Type:	Other
Date:	08/22/1986
Action:	Leak Reported

Global Id:	T0607302793
Action Type:	Other
Date:	08/26/1986
Action:	Leak Discovery

LUST:

Global Id:	T0607302793
Status:	Open - Case Begin Date
Status Date:	08/22/1986

Global Id:	T0607302793
Status:	Completed - Case Closed
Status Date:	09/22/1986

LUST REG 9:

Region:	9
Status:	Case Closed
Case Number:	9UT493

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Local Case: H02662-001
Substance: Diesel
Qty Leaked: Not reported
Abate Method: Not reported
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank
Source: Tank
Cause: Corrosion
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 08/22/1986
Date Stopped: / /
Confirm Date: / /
Submit Workplan: Not reported
Prelim Assess: / /
Desc Pollution: Not reported
Remed Plan: / /
Remed Action: Not reported
Began Monitor: Not reported
Release Date: 08/26/1986
Enforce Date: Not reported
Closed Date: 9/22/86
Enforce Type: Not reported
Pilot Program: LOP
Basin Number: 904.52
GW Depth: 6 ft
Beneficial Use: Municipal groundwater use
NPDES Number: Not reported
Priority: Low priority. Priority ranking can change over time.
File Dispn: File discarded, case closed
Interim Remedial Actions: Yes
Cleanup and Abatement order Number: Not reported
Waste Discharge Requirement Number: Not reported

SAN DIEGO CO. SAM:

Name: ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 920691431
Case Number: H02662-002
Agency: CA Regional Water Quality Control Board
Funding: **Non Billable**
Facility Type: Drinking Water Aquifer Impacted
Facility Status: Leak Being Confirmed
Date: 9/15/1993
Date Began: 9/15/1993

Name: ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 920691431
Case Number: H02662-001
Agency: DEH Site Assessment & Mitigation
Funding: **LOP - Federal Fund**
Facility Type: Soils Only
Facility Status: Closed Case
Date: 9/22/1986
Date Began: 8/26/1986

SIGNET ARMORLITE, INC. (Continued) **1000314091**

CPS-SLIC:

Name:	MILANO HOLDINGS INC. (FORMER SIGNET ARMORLITE, INC.)
Address:	1001 ARMORLITE DRIVE
City,State,Zip:	SAN MARCOS, CA 92069
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/31/2014
Global Id:	SL209154190
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Lead Agency Case Number:	H02662-001
Latitude:	33.1441271643332
Longitude:	-117.18586742878
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	2091500
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	1,1,1-Trichloroethane (TCA), Acetone, Benzene, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Freon, Diesel, Gasoline
Site History:	The Facility is approximately 11.8 acres in size and contains buildings associated with the manufacture, marketing, and distribution of optical lenses. Site assessment activities have been conducted at the Facility since the early 1990s. Investigations revealed the presence of VOCs, including methylene chloride, in soil and groundwater at the Facility. Signet has undertaken four remedial actions at the Facility, as well as subsequent investigation activities to assess the adequacy of the remedial actions. Active remediation has included operation of a multiphase extraction system (MPE system) from 1995 to 1998 to remove subsurface VOCs from source areas at the Facility. Additionally, three targeted source removal actions have been conducted at the Facility since 1986. Remedial activities have included removal and disposal of contaminated soil and addition of soil amendments to facilitate in-situ degradation. In late 2009, an interim remedial measure to extract VOCs from deep groundwater was evaluated, and the findings of this evaluation are incorporated into the CAP.

Click here to access the California GeoTracker records for this facility:

Name:	PROPOSED DAVIA VILLAGE
Address:	1001 ARMORLITE DRIVE
City,State,Zip:	SAN MARCOS, CA 92069
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	05/03/2016
Global Id:	T10000003706
Lead Agency:	SAN DIEGO RWQCB (REGION 9)
Lead Agency Case Number:	Not reported
Latitude:	33.1443427616288
Longitude:	-117.18635559082
Case Type:	Cleanup Program Site
Case Worker:	SAM
Local Agency:	Not reported
RB Case Number:	4090003
File Location:	All Files are on GeoTracker or in the Local Agency Database

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Potential Media Affected: Indoor Air, Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Acetone, Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Freon, Benzene, Diesel, Gasoline
Site History: This case is for a planned redevleopment of the former Signet Armorlite Site. For historical information regarding the site please review the Geotracker file for Milano Holdings, Inc. (former Signet Armorlite), Geotracker ID SL209154190.

Click here to access the California GeoTracker records for this facility:

HMMD SAN DIEGO:

Name:	SIGNET ARMORLITE, INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	213233
Business Type:	6HK77
EPA Id Number:	CAD008362634
APN:	219-163-48-00
Last HMMD Inspection:	05/18/2011
Facility Telephone:	760-744-4000
Permit Status:	OPEN
Permit Expiration:	08/31/2013
Date Last Updated:	11/02/2012
Facility Owner:	EOA HOLDING CO, INC
Facility Mailing Address:	1001 ARMORLITE DR
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92069
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	N
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	67-64-1
Name:	ACETONE
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	7440-37-1
Name:	ARGON, HELIUM COMPRESSED GAS :
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	213233

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Update Date:	11/02/2012
Case Number:	Not reported
Name:	CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information:	BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste:	Not reported
Hazardous Categories 1:	Not reported
Hazardous Categories 2:	Not reported

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	8006-64-2
Name:	ISOPROPYL ALCOHOL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	67-56-1
Name:	METHYL ALCOHOL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	64742-54-7
Name:	OIL LUBRICATING PETROLEUM
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN, COMPRESSED GAS :
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	PRESSURE RELEASE

Permit Number:	213233
Update Date:	11/02/2012
Case Number:	1310-58-3
Name:	POTASSIUM HYDROXIDE : STRIPPER 4C, 10%

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: REACTIVE
Hazardous Categories 2: ACUTE

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: VITEC 3000 ANTISCALANT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 1310-58-3
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: 4-C STRIPPER SOLUTION - POTASSIUM HYDROXIDE SOL. @ 10% KOH
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: AQUEOUS COATING
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 107-21-1
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: DYE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 1310-58-3
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: 4-C STRIPPER DEBRIS - POTASSIUM HYDROXIDE
Material Waste: Waste
Hazardous Categories 1: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: FLAMMABLE PAINT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: WASTE ACETONE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: WASTE OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 272 POLYMERIC RESIN WASTE
Other Information: MONOMER/RAGS/DEBRI
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: ACETONE WIPES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

UST:
UST Name: UNDERGROUND TANK 102662 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 213233
Tank Type: SINGLE WALL
Additional Id: AT1757- CONCRETE CLARIFIER
Capacity Gallons: 1250
UST Contents: Not reported
Other Content Info: Not reported
Reg Status: REMOVED

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Remove Close Date:	1989-09-14 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION
UST Name:	UNDERGROUND TANK 102662 T003
Last Update:	2012-11-02 14:17:38
Permit Number:	213233
Tank Type:	SINGLE WALL
Additional Id:	AT0385
Capacity Gallons:	3000
UST Contents:	DIESEL
Other Content Info:	Not reported
Reg Status:	REMOVED
Remove Close Date:	1986-08-22 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION
UST Name:	UNDERGROUND TANK 102662 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	213233
Tank Type:	SINGLE WALL
Additional Id:	AT5037
Capacity Gallons:	100
UST Contents:	OTHER
Other Content Info:	Not reported
Reg Status:	REMOVED
Remove Close Date:	2004-02-27 00:00:00
Year Installed:	Not reported
Pipe Type:	SINGLE WALL
Delivery System:	Not reported
Monitor Code:	Not reported
UST Monitor Method:	Not reported
Name:	ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Permit Number:	102662
Business Type:	6HK67
EPA Id Number:	CAD008362634
APN:	219-163-48-00
Last HMMD Inspection:	11/04/2009
Facility Telephone:	760-744-4000
Permit Status:	CHNG
Permit Expiration:	05/31/2011
Date Last Updated:	11/02/2012
Facility Owner:	ARMORLITE S.P.A.
Facility Mailing Address:	1001 ARMORLITE DR
Facility Mailing City:	SAN MARCOS

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Facility Mailing State: CA
Facility Mailing Zip: 92069-1431
UST Owner: JEPSON CORP
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

UST:
UST Name: UNDERGROUND TANK 102662 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 102662
Tank Type: SINGLE WALL
Additional Id: AT1757- CONCRETE CLARIFIER
Capacity Gallons: 1250
UST Contents: Not reported
Other Content Info: Not reported
Reg Status: REMOVED
Remove Close Date: 1989-09-14 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 102662 T003
Last Update: 2012-11-02 14:17:38
Permit Number: 102662
Tank Type: SINGLE WALL
Additional Id: AT0385
Capacity Gallons: 3000
UST Contents: DIESEL
Other Content Info: Not reported
Reg Status: REMOVED
Remove Close Date: 1986-08-22 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 102662 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 102662
Tank Type: SINGLE WALL
Additional Id: AT5037
Capacity Gallons: 100
UST Contents: OTHER
Other Content Info: Not reported
Reg Status: REMOVED
Remove Close Date: 2004-02-27 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Monitor Code: Not reported
UST Monitor Method: Not reported

Name: SIGNET ARMORLITE, INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 92069
Permit Number: 213233
Business Type: 6HK77
EPA Id Number: CAD008362634
APN: 219-163-48-00
Last HMMD Inspection: 05/18/2011
Facility Telephone: 760-744-4000
Permit Status: OPEN
Permit Expiration: 08/31/2013
Date Last Updated: 11/02/2012
Facility Owner: EOA HOLDING CO, INC
Facility Mailing Address: 1001 ARMORLITE DR
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92069
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Y
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 213233
Update Date: 11/02/2012
Case Number: 67-64-1
Name: ACETONE
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON, HELIUM COMPRESSED GAS :
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: CARCINOGENS &/OR REPRODUCTIVE TOXINS
Other Information: BELOW STATE DISCLOSURE AMTS ARE/MAY BE ON SITE
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Update Date:	11/02/2012
Case Number:	8006-64-2
Name:	ISOPROPYL ALCOHOL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	213233
Update Date:	11/02/2012
Case Number:	67-56-1
Name:	METHYL ALCOHOL
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	213233
Update Date:	11/02/2012
Case Number:	7727-37-9
Name:	NITROGEN
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	PRESSURE RELEASE
Hazardous Categories 2:	Not reported
Permit Number:	213233
Update Date:	11/02/2012
Case Number:	64742-54-7
Name:	OIL LUBRICATING PETROLEUM
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	ACUTE
Permit Number:	213233
Update Date:	11/02/2012
Case Number:	7782-44-7
Name:	OXYGEN, COMPRESSED GAS :
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	PRESSURE RELEASE
Permit Number:	213233
Update Date:	11/02/2012
Case Number:	1310-58-3
Name:	POTASSIUM HYDROXIDE : STRIPPER 4C, 10%
Other Information:	Not reported
Material Waste:	Material
Hazardous Categories 1:	REACTIVE
Hazardous Categories 2:	ACUTE
Permit Number:	213233
Update Date:	11/02/2012
Case Number:	74-98-6
Name:	PROPANE

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: VITEC 3000 ANTISCALANT
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 1310-58-3
Name: WASTE 122 ALKALINE SOL'N W/OUT METALS
Other Information: 4-C STRIPPER SOLUTION - POTASSIUM HYDROXIDE SOL. @ 10% KOH
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: AQUEOUS COATING
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 107-21-1
Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N
Other Information: DYE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: 1310-58-3
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: 4-C STRIPPER DEBRIS - POTASSIUM HYDROXIDE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: FLAMMABLE PAINT WASTE
Material Waste: Waste
Hazardous Categories 1: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 212 OXYGENATED SOLVENTS
Other Information: WASTE ACETONE
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 221 WASTE OIL & MIXED OIL
Other Information: WASTE OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 272 POLYMERIC RESIN WASTE
Other Information: MONOMER/RAGS/DEBRI
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 213233
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: ACETONE WIPES
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

UST:
UST Name: UNDERGROUND TANK 102662 T002
Last Update: 2012-11-02 14:17:38
Permit Number: 213233
Tank Type: SINGLE WALL
Additional Id: AT1757- CONCRETE CLARIFIER
Capacity Gallons: 1250
UST Contents: Not reported
Other Content Info: Not reported
Reg Status: REMOVED
Remove Close Date: 1989-09-14 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90
UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 102662 T003

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Last Update:	2012-11-02 14:17:38
Permit Number:	213233
Tank Type:	SINGLE WALL
Additional Id:	AT0385
Capacity Gallons:	3000
UST Contents:	DIESEL
Other Content Info:	Not reported
Reg Status:	REMOVED
Remove Close Date:	1986-08-22 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION

UST Name:	UNDERGROUND TANK 102662 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	213233
Tank Type:	SINGLE WALL
Additional Id:	AT5037
Capacity Gallons:	100
UST Contents:	OTHER
Other Content Info:	Not reported
Reg Status:	REMOVED
Remove Close Date:	2004-02-27 00:00:00
Year Installed:	Not reported
Pipe Type:	SINGLE WALL
Delivery System:	Not reported
Monitor Code:	Not reported
UST Monitor Method:	Not reported

DEED:

Name:	MILANO HOLDINGS INC. (FORMER SIGNET ARMORLITE, INC.)
Address:	1001 ARMORLITE DRIVE
City,State,Zip:	SAN MARCOS, CA 92069
Envirostor ID:	SL209154190
Area:	Not reported
Sub Area:	Not reported
Site Type:	SLIC
Status:	COMPLETED - CASE CLOSED
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	06/30/2014
File Name:	Geotracker Land Use/Deed Restrictions

Name:	PROPOSED DAVIA VILLAGE
Address:	1001 ARMORLITE DRIVE
City,State,Zip:	SAN MARCOS, CA 92069
Envirostor ID:	T10000003706
Area:	Not reported
Sub Area:	Not reported
Site Type:	SLIC
Status:	COMPLETED - CASE CLOSED
Agency:	SWRCB
Covenant Uploaded:	Y

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Deed Date(s): 06/30/2014
File Name: Geotracker Land Use/Deed Restrictions

2020 COR ACTION:
EPA ID: CAD008362634
Region: 9
Action: Not reported

ICIS:
Enforcement Action ID: CASDSA00000607300058000029
FRS ID: 110000478689
Action Name: SIGNET ARMORLITE 060730005800029
Facility Name: SIGNET ARMORLITE
Facility Address: 1001 ARMORLITE DR
SAN MARCOS, CA 92069
Enforcement Action Type: Administrative Order
Facility County: SAN DIEGO
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3851
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.1448
Longitude in Decimal Degrees: -117.184979
Permit Type Desc: Not reported
Program System Acronym: CASDS0000607300058
Facility NAICS Code: 326199
Tribal Land Code: Not reported

Enforcement Action ID: CASDSA00000607300058000027
FRS ID: 110000478689
Action Name: SIGNET ARMORLITE 060730005800027
Facility Name: SIGNET ARMORLITE
Facility Address: 1001 ARMORLITE DR
SAN MARCOS, CA 92069
Enforcement Action Type: Notice of Violation
Facility County: SAN DIEGO
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3851
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 33.1448
Longitude in Decimal Degrees: -117.184979
Permit Type Desc: Not reported
Program System Acronym: CASDS0000607300058
Facility NAICS Code: 326199
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1000314091
Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
D and B Number: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Primary SIC Code: 3851
NAICS Code: 326199
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: Not reported
Activity Status Date: 1994-06-28 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1976-12-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1978-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1979-03-05 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1980-01-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1981-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-01-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1982-12-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-12-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1984-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-04-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-07-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-08-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-12-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-02-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-09-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Activity Date: 1991-03-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-03-04 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1993-03-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-03-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-03-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1997-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-08-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2001-12-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-06-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2009-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-28 00:00:00
Activity Status Date: 1994-03-28 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1994-03-21 00:00:00
Activity Status Date: 1994-03-21 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1997-02-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1998-01-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Activity Date: 1999-01-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2000-03-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-03-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2001-12-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-04-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-09-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-01-20 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-03-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-03-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-03-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-07-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2006-01-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASDS0000607300058
Facility Registry ID: 110000478689
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2007-06-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

CORTESE:
Name: ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 920691431
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0607302793
Site/Facility Type: LUST CLEANUP SITE

SIGNET ARMORLITE, INC. (Continued) **1000314091**

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

EMI:

Name:	SIGNET ARMORLITE
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	1997
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	42
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
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:	SIGNET ARMORLITE
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	1998
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	42
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name:	SIGNET ARMORLITE
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	1999
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	42
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
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:	SIGNET ARMORLITE
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2000
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	42
Reactive Organic Gases Tons/Yr:	2
Carbon Monoxide Emissions Tons/Yr:	1
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:	SIGNET ARMORLITE
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2001
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Y
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0

SIGNET ARMORLITE, INC. (Continued) **1000314091**

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: SIGNET ARMORLITE
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2002
County Code: 37
Air Basin: SD
Facility ID: 172
Air District Name: SD
SIC Code: 3851
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 20
Reactive Organic Gases Tons/Yr: 0
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

Name: SIGNET ARMORLITE
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2003
County Code: 37
Air Basin: SD
Facility ID: 172
Air District Name: SD
SIC Code: 3851
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 20
Reactive Organic Gases Tons/Yr: 0
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

Name: SIGNET ARMORLITE
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 92069
Year: 2004
County Code: 37
Air Basin: SD
Facility ID: 172
Air District Name: SD
SIC Code: 3851
Air District Name: SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System: Y
Consolidated Emission Reporting Rule: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Total Organic Hydrocarbon Gases Tons/Yr:	20.256239
Reactive Organic Gases Tons/Yr:	0.405522
Carbon Monoxide Emissions Tons/Yr:	0.008736
NOX - Oxides of Nitrogen Tons/Yr:	0.0104
SOX - Oxides of Sulphur Tons/Yr:	0.0000624
Particulate Matter Tons/Yr:	0.0007904
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0007904

Name:	SIGNET ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2005
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	20.19114
Reactive Organic Gases Tons/Yr:	17.165132
Carbon Monoxide Emissions Tons/Yr:	.00874
NOX - Oxides of Nitrogen Tons/Yr:	.01
SOX - Oxides of Sulphur Tons/Yr:	.0000624
Particulate Matter Tons/Yr:	.00079
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00079

Name:	SIGNET ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2006
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12.98068055
Reactive Organic Gases Tons/Yr:	11.064925775
Carbon Monoxide Emissions Tons/Yr:	.00628998
NOX - Oxides of Nitrogen Tons/Yr:	.0116351
SOX - Oxides of Sulphur Tons/Yr:	.00004161
Particulate Matter Tons/Yr:	.00058958
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00058958

Name:	SIGNET ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2007
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12.980686
Reactive Organic Gases Tons/Yr:	11.064931
Carbon Monoxide Emissions Tons/Yr:	.006291
NOX - Oxides of Nitrogen Tons/Yr:	.01164
SOX - Oxides of Sulphur Tons/Yr:	.0000416
Particulate Matter Tons/Yr:	.0005899
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.0005899

Name:	SIGNET ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Year:	2008
County Code:	37
Air Basin:	SD
Facility ID:	172
Air District Name:	SD
SIC Code:	3851
Air District Name:	SAN DIEGO COUNTY APCD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.110686
Reactive Organic Gases Tons/Yr:	7.786267
Carbon Monoxide Emissions Tons/Yr:	.006291
NOX - Oxides of Nitrogen Tons/Yr:	.01164
SOX - Oxides of Sulphur Tons/Yr:	.0000416
Particulate Matter Tons/Yr:	.0005899
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.0005899

ENF:

Name:	SIGNET ARMORLITE
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Region:	9
Facility Id:	257031
Agency Name:	Signet Armorlite
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.146831
Place Longitude:	-117.189715
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

SIGNET ARMORLITE, INC. (Continued) **1000314091**

# 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:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	9 000274N97
Reg Measure Id:	161243
Reg Measure Type:	Unregulated
Region:	9
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):	233861
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	01/27/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000274N97
Description:	Provide a time schedule for field activities for full delineation, vertical and horizontal, on-site and off-site, of ground water contamination from the Signet Armorlite facility.

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Program:	SLIC
Latest Milestone Completion Date:	11/22/2000
# 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

Name:	SIGNET ARMORLITE
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Region:	9
Facility Id:	257031
Agency Name:	Signet Armorlite
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.146831
Place Longitude:	-117.189715
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:	SLIC
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	9 000274N97
Reg Measure Id:	161243
Reg Measure Type:	Unregulated
Region:	9
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

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):	233171
Region:	9
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter
Effective Date:	05/19/1999
Adoption/Issuance Date:	Not reported
Achieve Date:	7/22/1999
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 9 000274N97
Description:	Submit a workplan for full delineation, vertical and horizontal, on-site and off-site, of ground water contamination from the Signet Armorlite facility.
Program:	SLIC
Latest Milestone Completion Date:	7/22/1999
# 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

HAZNET:

Name:	MILANO HOLDING INC.
Address:	1001 ARMORLITE DR
Address 2:	Not reported
City,State,Zip:	SAN MARCOS, CA 920691431
Contact:	ADAM STANFORD
Telephone:	2149301718
Mailing Name:	Not reported
Mailing Address:	130 BIRMINGHAM DRIVE
Year:	2013

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Gepaid: CAC002717415
TSD EPA ID: AZC950823111
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4

Additional Info:
Year: 2013
Gen EPA ID: CAC002717415

Shipment Date: 20130118
Creation Date: 6/7/2013 22:15:09
Receipt Date: 20130124
Manifest ID: 009506282JJK
Trans EPA ID: CAL000160111
Trans Name: ALLIANCE ENVIRONMENTAL GROUP
Trans 2 EPA ID: CAR000049064
Trans 2 Name: ECTI
TSDF EPA ID: AZC950823111
Trans Name: LA PAZ RECIAMATION SITE
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 151 - Asbestos-containing waste
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: 0.4
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HIST CORTESE:
edr_fname: SIGNET ARMORLITE
edr_fadd1: 1001 ARMORLITE
City,State,Zip: SAN MARCOS, CA 92069
Region: CORTESE
Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT493

HWP:
EPA ID: CAD008362634
Name: SIGNET ARMORLITE INC
Address: 1001 ARMORLITE DR
Cleanup Status: CLOSED
Latitude: 33.14554
Longitude: -117.1853
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Supervisor: Not reported

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Site Code:	400252
Senate District:	38
Assembly District:	75
Public Information Officer:	Not reported
Commercial Offsite Facility Types:	Not reported
Quarterly Update:	WB Lead Agency for corrective action: Signet Armorlite Inc. (SAI) is located at 1001 Armorlite Drive, San Marcos, in northern San Diego County. Land use in the immediate vicinity is industrial. An Interim Status Document was issued to the facility by the U.S. EPA on January 4, 1982, for storage and treatment of these RCRA units: (1) hazardous waste storage unit, (1) elementary neutralization unit, (1) methylene chloride still, and (1) methylene chloride evaporation unit. SAI was classified as a treatment, storage, and disposal facility (TSDF). On November 2, 1984, the Department of Health Services denied SAIs request for hazardous waste reclassification from a TSDF to generator status, due to storage of hazardous waste on-site for longer than 90 days. The primary operations generated waste streams from the manufacturing plastic eyeglass lenses, and included the storage of nonchlorinated waste solvents, sodium hydroxide and water, and chlorinated waste solvents. As a treatment facility, SAI utilized two recovery units: one carbon adsorption unit and one distillation unit. The units were used to recover methylene chloride. The facility was formally clean closed by the U.S. EPA in a letter dated June 30, 1992. Our records indicate that in December 1997, the facility was referred to the Regional Water Quality Control Board (RWQCB) San Diego Region, as the lead agency for corrective action at the facility. In a letter dated October 28, 2005, the DTSC formally acknowledged that the RWQCB is the lead agency for corrective action at the facility.
Project Manager Lead:	Not reported
Project Manager:	Not reported
Permit Type:	RCRA
Permit Effective Date:	Not reported
Permit Expiration Date:	Not reported
Calenviroscreen Score:	56-60%
Total Planned Hours:	Not reported
Total Planned Amount:	Not reported
Total Actual Hours:	Not reported

Activities:

EPA ID:	CAD008362634
Facility Type:	Historical - Non-Operating
Facility Name:	SIGNET ARMORLITE INC
Project Manager:	Not reported
Project Manager Lead:	Not reported
Supervisor:	Not reported
Facility Status:	CLOSED
Activity Type:	New Operating Permit
Permit Being Renewed:	Not reported
Permit Being Modified:	Not reported
Final Date:	1991-06-20 00:00:00
Type:	RCRA
Title Description:	Imported 12/2011:PERMIT1
Due Date:	Not reported
Comments:	INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names:	Not reported
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date:	12/07/1989

SIGNET ARMORLITE, INC. (Continued) **1000314091**

EPA ID: CAD008362634
Facility Type: Historical - Non-Operating
Facility Name: SIGNET ARMORLITE INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1991-06-20 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: INTENDS/CLOSED ALL WASTE HANDLING FACILITY, INTENDS/CLOSED ALL WASTE HANDLING FACILITY, Approved Request
Unit Names: Not reported
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 06/20/1991

EPA ID: CAD008362634
Facility Type: Historical - Non-Operating
Facility Name: SIGNET ARMORLITE INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Status: CLOSED
Activity Type: New Operating Permit
Permit Being Renewed: Not reported
Permit Being Modified: Not reported
Final Date: 1991-06-20 00:00:00
Type: RCRA
Title Description: Imported 12/2011:PERMIT1
Due Date: Not reported
Comments: Not reported
Unit Names: Not reported
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/29/1989

Closure:
EPA ID: CAD008362634
Facility Type: Historical - Non-Operating
Facility Name: SIGNET ARMORLITE INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, OTHRTRT1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 06/30/1992

SIGNET ARMORLITE, INC. (Continued) **1000314091**

EPA ID: CAD008362634
Facility Type: Historical - Non-Operating
Facility Name: SIGNET ARMORLITE INC
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Facility Size: Not reported
Facility Status: CLOSED
Activity Type: Closure Final
Final Date: Not reported
Type: RCRA
Title Description: Closure
Due Date: Not reported
Comments: Not reported
Unit Names: CONTAIN1, OTHRTRT1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 06/18/1992

Alias:
EPA ID: CAD008362634
Facility Type: Historical - Non-Operating
Facility Name: SIGNET ARMORLITE INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: FRS
Alias: 110000478689

EPA ID: CAD008362634
Facility Type: Historical - Non-Operating
Facility Name: SIGNET ARMORLITE INC
Facility Status: CLOSED
Project Manager: Not reported
Project Manager Lead: Not reported
Supervisor: Not reported
Alias Type: Project Code (Site Code)
Alias: 400252

SAN DIEGO CO LOP:
Name: ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 92069
Record ID: DEH1993-LSAM-H02662-002
Record Status: Completed
Opened Date: 09/15/1993
Parcel Number: 219-163-48-00
Case Type: Not reported
Historical Name: SIGNET ARMORLITE
SWRCB Global ID: SL209154190
Funding: N - Non-Billable
Lead Agency: RWQCB
Lead Agency Date: 09/15/1993
Census Tract: 200.29
Community: San Marcos

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER DISTRICT
Fire Agency:	SAN MARCOS FIRE PROT DIST
Latitude:	33.1446094
Longitude:	-117.1860845
X MapCoord:	6275167.036
Y MapCoord:	1997583.948

Name:	ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Record ID:	DEH1986-LSAM-H02662-001
Record Status:	Completed
Opened Date:	08/22/1986
Parcel Number:	219-163-48-00
Case Type:	LOP - Local Oversight Program
Historical Name:	ARMORLITE INC
SWRCB Global ID:	T0607302793
Funding:	N - Non-Billable
Lead Agency:	RWQCB
Lead Agency Date:	04/10/1995
Census Tract:	200.29
Community:	San Marcos
Jurisdiction:	SAN MARCOS
Watershed Basin Number:	904.52
Water Purveyor:	VALLECITOS WATER IMP DIST NO 6 - SEWER SERVICE
Fire Agency:	SAN MARCOS FIRE PROTECTION DISTRICT
Latitude:	33.1446094
Longitude:	-117.1860845
X MapCoord:	6274903.34397328
Y MapCoord:	1997023.20319503

CIWQS:

Name:	SIGNET ARMORLITE INC
Address:	1001 ARMORLITE DR
City,State,Zip:	SAN MARCOS, CA 92069
Agency:	Signet Armorlite Essilor Labs of America
Agency Address:	PO Box 961389, El Paso, TX 79996
Place/Project Type:	Industrial - Ophthalmic Goods
SIC/NAICS:	3851
Region:	9
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	9 37I001658
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/27/1992
Termination Date:	03/31/2013
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Violations within 5 years: 0
Latitude: 33.1469
Longitude: -117.18977

CERS:
Name: SIGNET ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 920690000
Site ID: 203292
CERS ID: CAD008362634
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: PRASHANT SANTAN
Entity Title: Not reported
Affiliation Address: 130 BINGHAM DR
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 920691402
Affiliation Phone: 7607444000,

Affiliation Type Desc: Facility Owner
Entity Name: EOA HOLDING CO INC
Entity Title: Not reported
Affiliation Address: 13555 N STEMMONS FWY
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 752340000
Affiliation Phone: 7607444000,

Affiliation Type Desc: Supervisor
Entity Name: * Unknown
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: ,

Name: MILANO HOLDINGS INC. (FORMER SIGNET ARMORLITE, INC.)
Address: 1001 ARMORLITE DRIVE
City,State,Zip: SAN MARCOS, CA 92069
Site ID: 209533
CERS ID: SL209154190
CERS Description: Cleanup Program Site

Name: SIGNET ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 920690000
Site ID: 203292
CERS ID: 80001570
CERS Description: Corrective Action

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: PRASHANT SANTAN
Entity Title: Not reported
Affiliation Address: 130 BINGHAM DR
Affiliation City: SAN MARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 920691402
Affiliation Phone: 7607444000,

Affiliation Type Desc: Facility Owner
Entity Name: EOA HOLDING CO INC
Entity Title: Not reported
Affiliation Address: 13555 N STEMMONS FWY
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 752340000
Affiliation Phone: 7607444000,

Affiliation Type Desc: Supervisor
Entity Name: * Unknown
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: ,

Name: SIGNET ARMORLITE
Address: 1001 ARMORLITE DR.
City,State,Zip: SAN MARCOS, CA 920691431
Site ID: 494325
CERS ID: 110000478689
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: JOHN T HINGEY
Entity Title: V.P. OF MANUFACTURING
Affiliation Address: 1001 ARMORLITE DRIVE
Affiliation City: SANMARCOS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Name: PROPOSED DAVIA VILLAGE
Address: 1001 ARMORLITE DRIVE
City,State,Zip: SAN MARCOS, CA 92069
Site ID: 212080
CERS ID: T10000003706
CERS Description: Cleanup Program Site

SIGNET ARMORLITE, INC. (Continued) **1000314091**

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: SARAH A. MEARON - SAN DIEGO RWQCB (REGION 9)
Entity Title: Not reported
Affiliation Address: 2375 NORTHSIDE DRIVE, SUITE 100
Affiliation City: SAN DIEGO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 6195213363,

Name: ARMORLITE INC
Address: 1001 ARMORLITE DR
City,State,Zip: SAN MARCOS, CA 920691431
Site ID: 207455
CERS ID: T0607302793
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: KEVIN HEATON - SAN DIEGO COUNTY LOP
Entity Title: Not reported
Affiliation Address: P.O. Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

HWTS:
Name: MILANO HOLDING INC.
Address: 1001 ARMORLITE DR
Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92069
EPA ID: CAC002717415
Inactive Date: 04/18/2013
Create Date: 01/17/2013
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 130 BIRMINGHAM DRIVE
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN MARCOS, CA 92069
Owner Name: MILANO HOLDING INC.
Owner Address: 130 BIRMINGHAM DRIVE
Owner Address 2: Not reported
Owner City,State,Zip: SAN MARCOS, CA 92069
Contact Name: ADAM STANFORD
Contact Address: 130 BIRMINGHAM DRIVE
Contact Address 2: Not reported
City,State,Zip: SAN MARCOS, CA 92069
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 33.14484
Longitude: -117.184356

123
ENE
1/2-1
0.670 mi.
3540 ft.

670 SAN MARCOS BLVD.
670 SAN MARCOS BLVD.
SAN MARCOS, CA 92069

ENVIROSTOR | **S106893826** | **N/A**

Relative:
Higher

Actual:
554 ft.

ENVIROSTOR:

Name:	670 SAN MARCOS BLVD.
Address:	670 SAN MARCOS BLVD.
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	37000068
Status:	Refer: 1248 Local Agency
Status Date:	08/24/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	SAN DIEGO COUNTY
Lead Agency:	SAN DIEGO COUNTY
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	75
Senate:	38
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.13782
Longitude:	-117.1781
APN:	2191806800
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	2191806800
Alias Type:	APN
Alias Name:	37000068
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:	08/22/2000
Comments:	SB 1248 San Diego 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
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

124
North
1/2-1
0.724 mi.
3823 ft.

TORREY CHEMICAL CO.
217 LAS POSAS ROAD
SAN MARCOS, CA 92069

ENVIROSTOR **S101481993**
N/A

Relative:
Higher

Actual:
560 ft.

ENVIROSTOR:

Name:	TORREY CHEMICAL CO.
Address:	217 LAS POSAS ROAD
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	37510137
Status:	Refer: Other Agency
Status Date:	08/21/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Cypress
Assembly:	75
Senate:	38
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.14694
Longitude:	-117.1888
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * OXYGENATED SOLVENTS * CONTAMINATED SOIL * UNSPECIFIED ACID SOLUTION
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	37510137
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	10/25/1994
Comments:	CalSites Validation Program confirms NFA for DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	08/13/1991
Comments:	PA Report was reviewed by Region 4 staff. The site is located at 217 Las Posas R. between Mission Rd. & Hwy 78 in San Marcos. The area is industrial, but Palomar College is north of Mission Rd. Site includes 4,000 sf bldg., 2 small storage sheds, outdoor drum storage area, and abandoned above ground storage tanks (550 gal.). Chemical company is still operating repackaging and storing various chemical products (Algi-gon pool treatment etc.). No sampling result were considered in EPA's PA. Staff recommends PEARM to de- termine if there is a problem DTSC should address.

TORREY CHEMICAL CO. (Continued) **S101481993**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	06/20/1987
Comments:	SITE SCREENING DONE

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	05/11/1983
Comments:	FACILITY IDENTIFIED VIA DRIVEBY

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

125
WSW
1/2-1
0.877 mi.
4633 ft.

Relative: Higher

Actual: 538 ft.

SAN MARCOS HIGH SCHOOL **ENVIROSTOR** **S106062356**
1615 SAN MARCOS BLVD **SCH** **N/A**
SAN MARCOS, CA 92069 **San Diego Co. HMMD**
CERS HAZ WASTE
CHMIRS
CIWQS
CERS

ENVIROSTOR:

Name:	SAN MARCOS HIGH SCHOOL AG SITE
Address:	1615 SAN MARCOS BOULEVARD
City,State,Zip:	SAN MARCOS, CA 92069
Facility ID:	60001024
Status:	No Further Action
Status Date:	05/02/2011
Site Code:	404823
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	13
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Rana Georges
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	75
Senate:	38
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.13119
Longitude:	-117.2054
APN:	NONE SPECIFIED
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, SCHOOL - HIGH SCHOOL, UNDERGROUND STORAGE TANKS

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Potential COC: TPH-diesel
Confirmed COC: 30024-NO
Potential Description: NMA
Alias Name: 404823
Alias Type: Project Code (Site Code)
Alias Name: 60001024
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: 05/02/2011
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 11/18/2010
Comments: DTSC approved the Tech Memo.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/28/2010
Comments: Site Diagram received; fully executed EOA forwarded to District (FedEx).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/20/2010
Comments: Field sampling was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/28/2011
Comments: APN #'s 221-032-08, 221-032-28, 221-032-29

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: SAN MARCOS HIGH SCHOOL AG SITE
Address: 1615 SAN MARCOS BOULEVARD
City,State,Zip: SAN MARCOS, CA 92069
Facility ID: 60001024
Site Type: School Investigation

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	13
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Rana Georges
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404823
Assembly:	75
Senate:	38
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	05/02/2011
Restricted Use:	NO
Funding:	School District
Latitude:	33.13119
Longitude:	-117.2054
APN:	NONE SPECIFIED
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, SCHOOL - HIGH SCHOOL, UNDERGROUND STORAGE TANKS
Potential COC:	TPH-diesel
Confirmed COC:	30024-NO
Potential Description:	NMA
Alias Name:	404823
Alias Type:	Project Code (Site Code)
Alias Name:	60001024
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:	05/02/2011
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Tech Memo
Completed Date:	11/18/2010
Comments:	DTSC approved the Tech Memo.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/28/2010
Comments:	Site Diagram received; fully executed EOA forwarded to District (FedEx).
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	11/20/2010
Comments:	Field sampling was completed.
Completed Area Name:	PROJECT WIDE

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/28/2011
Comments: APN #'s 221-032-08, 221-032-28, 221-032-29

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

HMMD SAN DIEGO:
Name: SAN MARCOS HIGH SCHOOL
Address: 1615 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: 126019
Business Type: 6HK56
EPA Id Number: CAL000337811
APN: 221-032-28-00
Last HMMD Inspection: 01/12/2010
Facility Telephone: 760-752-1241
Permit Status: OPEN
Permit Expiration: 04/30/2013
Date Last Updated: 11/02/2012
Facility Owner: SAN MARCOS SCHOOL DISTRICT
Facility Mailing Address: 255 PICO AVE #250
Facility Mailing City: SAN MARCOS
Facility Mailing State: CA
Facility Mailing Zip: 92069-2701
UST Owner: Not reported
Handle Regulated Hazmat: Y
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: Not reported
Generate Medical Waste: Not reported

Inventory Active Permits (not SQG Medical):
Permit Number: 126019
Update Date: 11/02/2012
Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Not reported
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: ACRYLIC PAINT
Other Information: LACQUER PAINT
Material Waste: Material

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Hazardous Categories 1: FIRE
Hazardous Categories 2: CHRONIC

Permit Number: 126019
Update Date: 11/02/2012
Case Number: 7440-37-1
Name: ARGON/ CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 126019
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: THINNER/PAINT WASTES/GUN CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK-SCIENCE LABS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS ISOLYSER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Violations Active Permits:

Permit Number:	126019
Update Date:	11/02/2012
Inspection Date:	01/12/2010
Violation Code:	6HV1014
Violation:	HMBP INCOMPLETE/NOT AMENDED
Violation Citation:	HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity:	ACTIVE
Permit Number:	126019
Update Date:	11/02/2012
Inspection Date:	01/12/2010
Violation Code:	6HV0225
Violation:	ACCUMULATED HW>180 OR >270 DAYS
Violation Citation:	Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity:	ACTIVE
Permit Number:	126019
Update Date:	11/02/2012
Inspection Date:	02/26/2003
Violation Code:	6HV0135
Violation:	MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation:	Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity:	ACTIVE
Permit Number:	126019
Update Date:	11/02/2012
Inspection Date:	02/26/2003
Violation Code:	6HV0207
Violation:	FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation:	Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity:	ACTIVE
Permit Number:	126019
Update Date:	11/02/2012
Inspection Date:	02/26/2003
Violation Code:	6HV0401
Violation:	TRAINING RECORDS UNAVAILABLE
Violation Citation:	Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity:	ACTIVE

UST:

UST Name:	UNDERGROUND TANK 126019 T001
Last Update:	2012-11-02 14:17:38
Permit Number:	126019
Tank Type:	SINGLE WALL
Additional Id:	AT5537
Capacity Gallons:	2000
UST Contents:	Not reported

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Other Content Info:	HEATING OIL
Reg Status:	PLCK
Remove Close Date:	2012-04-09 00:00:00
Year Installed:	Not reported
Pipe Type:	Not reported
Delivery System:	Not reported
Monitor Code:	90
UST Monitor Method:	NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION

Name:	SAN MARCOS HIGH SCHOOL
Address:	1615 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
Permit Number:	126019
Business Type:	6HK56
EPA Id Number:	CAL000337811
APN:	221-032-28-00
Last HMMD Inspection:	01/12/2010
Facility Telephone:	760-752-1241
Permit Status:	OPEN
Permit Expiration:	04/30/2013
Date Last Updated:	11/02/2012
Facility Owner:	SAN MARCOS SCHOOL DISTRICT
Facility Mailing Address:	255 PICO AVE #250
Facility Mailing City:	SAN MARCOS
Facility Mailing State:	CA
Facility Mailing Zip:	92069-2701
UST Owner:	Not reported
Handle Regulated Hazmat:	Y
Own Or Operate UST:	Not reported
Subject To APSA:	Not reported
Generate Haz Waste:	Y
Treat Haz Waste:	Not reported
Generate Medical Waste:	Not reported

Inventory Active Permits (not SQG Medical):

Permit Number:	126019
Update Date:	11/02/2012
Case Number:	74-86-2
Name:	ACETYLENE GAS
Other Information:	Not reported
Material Waste:	Not reported
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	Not reported

Permit Number:	126019
Update Date:	11/02/2012
Case Number:	Not reported
Name:	ACRYLIC PAINT
Other Information:	LACQUER PAINT
Material Waste:	Material
Hazardous Categories 1:	FIRE
Hazardous Categories 2:	CHRONIC

Permit Number:	126019
Update Date:	11/02/2012
Case Number:	7440-37-1

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Name: ARGON/ CO2
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: PRESSURE RELEASE
Hazardous Categories 2: CHRONIC

Permit Number: 126019
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Not reported
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Other Information: PAINT BOOTH FILTERS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: THINNER/PAINT WASTES/GUN CLEANER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 551 LABORATORY WASTE CHEMICALS
Other Information: LAB PACK-SCIENCE LABS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Permit Number: 126019
Update Date: 11/02/2012
Case Number: Not reported
Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Other Information: SHARPS ISOLYSER
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:
Permit Number: 126019
Update Date: 11/02/2012
Inspection Date: 01/12/2010
Violation Code: 6HV1014
Violation: HMBP INCOMPLETE/NOT AMENDED

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Violation Citation: HMBP is incomplete/inadequate/not amended to reflect changes. 25504, 25505(a)(2) &/or 25509(a); 25505(b); 19 CCR 2729
Activity: ACTIVE

Permit Number: 126019
Update Date: 11/02/2012
Inspection Date: 01/12/2010
Violation Code: 6HV0225
Violation: ACCUMULATED HW>180 OR >270 DAYS
Violation Citation: Accumulated waste too long (>180 or 270 days). 66262.34(d), CFR 262.34(e)&(f), &/or 25201(a) [>90 days for AHW waste]
Activity: ACTIVE

Permit Number: 126019
Update Date: 11/02/2012
Inspection Date: 02/26/2003
Violation Code: 6HV0135
Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT
Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained onsite to document proper disposal of hazardous waste. CCR 66262.40(a) & 25160.2(b)(3)
Activity: ACTIVE

Permit Number: 126019
Update Date: 11/02/2012
Inspection Date: 02/26/2003
Violation Code: 6HV0207
Violation: FIRE/EXPLOSION/RELEASE NOT MINIMIZED
Violation Citation: Facility not maintained &/operated to minimize possibility of fire, explosion or release. CCR 66265.31
Activity: ACTIVE

Permit Number: 126019
Update Date: 11/02/2012
Inspection Date: 02/26/2003
Violation Code: 6HV0401
Violation: TRAINING RECORDS UNAVAILABLE
Violation Citation: Personnel training records are not maintained to document compliance with requirements for current and former employees. CCR 66265.16(d)&(e)
Activity: ACTIVE

UST:
UST Name: UNDERGROUND TANK 126019 T001
Last Update: 2012-11-02 14:17:38
Permit Number: 126019
Tank Type: SINGLE WALL
Additional Id: AT5537
Capacity Gallons: 2000
UST Contents: Not reported
Other Content Info: HEATING OIL
Reg Status: PLCK
Remove Close Date: 2012-04-09 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: 90

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING ALTERNATIVE DURING INSPECTION

Name: SAN MARCOS HIGH SCHOOL
Address: 1615 SAN MARCOS BLVD
City,State,Zip: SAN MARCOS, CA 92078
Permit Number: Not reported
Business Type: Not reported
EPA Id Number: CAL000036005
APN: Not reported
Last HMMD Inspection: Not reported
Facility Telephone: 760-290-2200
Permit Status: Permit Renewed
Permit Expiration: Not reported
Date Last Updated: 05/18/2021
Facility Owner: Not reported
Facility Mailing Address: 255 PICO AVE #250, SAN MARCOS, CA 92069-2701
Facility Mailing City: Not reported
Facility Mailing State: Not reported
Facility Mailing Zip: Not reported
UST Owner: N
Handle Regulated Hazmat: Not reported
Own Or Operate UST: Not reported
Subject To APSA: Not reported
Generate Haz Waste: Y
Treat Haz Waste: N
Generate Medical Waste: Not reported

Inspection Violation:
Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-126019
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 4091949
Return To Compliance Date: 2016-06-16T00:00:00.000
Nov: No
Violation Classification: Class II
Underground Storage Tank Id: Not reported
Container/Tank Id: Not reported
Last Update: 2021-05-18T00:00:00.000
Inspection Date: 2013-10-18T08:08:00.000
Violation Code: 1010006 Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material; Any handling of a previously undisclosed hazardous materials; A change of business address, business ownership, or business name; 19 CCR 4 2729.4(d); HSC 6.95 25505(b), 25510.

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Facility Id Number: 37-000-126019
Program Element: Hazardous Materials Release Response Plans
Inspection Type: Routine
Inspection Number: 5159614

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Return To Compliance Date:	2016-06-14T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-18T00:00:00.000
Inspection Date:	2016-06-08T12:58:00.000
Violation Code:	HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-126019
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5159614
Return To Compliance Date:	2016-06-14T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-18T00:00:00.000
Inspection Date:	2016-06-08T12:58:00.000
Violation Code:	HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905; 68.906, 68.907

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-126019
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5159614
Return To Compliance Date:	2016-06-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-18T00:00:00.000
Inspection Date:	2016-06-08T12:58:00.000
Violation Code:	3030007 Failed to properly label/date hazardous waste container and/or tank. 22 CCR 66262.34(f)

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-126019
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	4091949
Return To Compliance Date:	2016-06-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Last Update:	2021-05-18T00:00:00.000
Inspection Date:	2013-10-18T08:08:00.000
Violation Code:	1010005 Failure to complete and/or submit an annotated site map if required by CUPA; 19 CCR 4 2729.2(a)(3).
Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-126019
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5159614
Return To Compliance Date:	2016-06-16T00:00:00.000
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-18T00:00:00.000
Inspection Date:	2016-06-08T12:58:00.000
Violation Code:	3010010 Failed to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for 3 years. HSC 25160.2(b)(3), 25185(a)(4); 22 CCR 66262.40(a)
Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-126019
Program Element:	Hazardous Materials Release Response Plans
Inspection Type:	Routine
Inspection Number:	6459587
Return To Compliance Date:	Not reported
Nov:	No
Violation Classification:	Minor
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-18T00:00:00.000
Inspection Date:	2021-02-18T13:32:36.000
Violation Code:	1020002 Initial &/or annual employee training not conducted in safety procedures for a hazardous material release or threatened release &/or employee training records not available or not maintained for 3 years. HSC 25505(a)(4); 19 CCR 2659(b)
Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-126019
Program Element:	Hazardous Waste Generator
Inspection Type:	Routine
Inspection Number:	5923195
Return To Compliance Date:	2018-06-12T00:00:00.000
Nov:	No
Violation Classification:	Class II
Underground Storage Tank Id:	Not reported
Container/Tank Id:	Not reported
Last Update:	2021-05-18T00:00:00.000
Inspection Date:	2018-06-07T16:58:00.000
Violation Code:	3030007 Failed to properly label/date hazardous waste container &/or

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

tank. 22 CCR 66262.34(f)

UST DTL:

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Facility Id Number:	37-000-126019
Facility Type (Ust Facility):	Not reported
Tank Owner Name:	SAN MARCOS SCHOOL DISTRICT
Tankid:	98113
Tank Status:	PLCK
Date Ust Permanently Closed:	04/09/2012
Tank Use:	Not reported
Piping System Type:	Not reported
Last Updated:	2021-05-18T02:32:40.000
Tank Capacityin Gallons:	2000
Tank Contents:	Not reported
Type Of Tank:	01

Waste and Materials:

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0106530
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-01-20T00:00:00.000
Chemical Name:	Sodium Hydroxide
Common Name:	Sodium Hydroxide Solid
Case Number:	1310-73-2

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HCHEM-0106531
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-01-20T00:00:00.000
Chemical Name:	Propane
Common Name:	Liquefied Petroleum Gas (lpg)
Case Number:	74-98-6

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2016-HWAST-0087758
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-01-20T00:00:00.000
Chemical Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name:	THINNER/PAINT WASTES/GUN CLEANER
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Child Record Id: DEH2016-HWAST-0087759
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT BOOTH FILTERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0087760
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 551 LABORATORY WASTE CHEMICALS
Common Name: LAB PACK-SCIENCE LABS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2016-HWAST-0087761
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2017-01-20T00:00:00.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS ISOLYSER
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168512
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-28T02:30:42.000
Chemical Name: Sodium Hydroxide
Common Name: Sodium Hydroxide
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0168513
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2018-03-28T02:30:42.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142763
Trade Secret: N

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Hazardous Material Type: Not reported
Last Updated: 2018-03-28T02:30:42.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: THINNER/PAINT WASTES/GUN CLEANER
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142764
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-28T02:30:42.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT BOOTH FILTERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142765
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-28T02:30:42.000
Chemical Name: WASTE 551 LABORATORY WASTE CHEMICALS
Common Name: LAB PACK-SCIENCE LABS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0142766
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2018-03-28T02:30:42.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS ISOLYSER
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0291356
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-05-18T02:32:40.000
Chemical Name: Sodium Hydroxide
Common Name: Sodium Hydroxide
Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HCHEM-0291357
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-05-18T02:32:40.000

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0259868
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-18T02:32:40.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: THINNER/PAINT WASTES/GUN CLEANER
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0259869
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-18T02:32:40.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT BOOTH FILTERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0259870
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-18T02:32:40.000
Chemical Name: WASTE 551 LABORATORY WASTE CHEMICALS
Common Name: LAB PACK-SCIENCE LABS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2021-HWAST-0259871
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-05-18T02:32:40.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS ISOLYSER
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0187064
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-02-19T03:39:37.000
Chemical Name: Sodium Hydroxide
Common Name: Sodium Hydroxide

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Case Number: 1310-73-2

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HCHEM-0187065
Trade Secret: N
Hazardous Material Type: Pure
Last Updated: 2021-02-19T03:39:37.000
Chemical Name: Propane
Common Name: Liquefied Petroleum Gas (lpg)
Case Number: 74-98-6

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162003
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-19T03:39:37.000
Chemical Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name: THINNER/PAINT WASTES/GUN CLEANER
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162004
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-19T03:39:37.000
Chemical Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name: PAINT BOOTH FILTERS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162005
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-19T03:39:37.000
Chemical Name: WASTE 551 LABORATORY WASTE CHEMICALS
Common Name: LAB PACK-SCIENCE LABS
Case Number: Not reported

Record ID: DEH2002-HUPFP-126019
Permit Status: Permit Renewed
Active Permit: Y
Child Record Id: DEH2018-HWAST-0162006
Trade Secret: N
Hazardous Material Type: Not reported
Last Updated: 2021-02-19T03:39:37.000
Chemical Name: WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name: SHARPS ISOLYSER
Case Number: Not reported

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0146717
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-07-11T00:34:16.000
Chemical Name:	Sodium Hydroxide
Common Name:	Sodium Hydroxide Solid
Case Number:	1310-73-2

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HCHEM-0146718
Trade Secret:	N
Hazardous Material Type:	Pure
Last Updated:	2017-07-11T00:34:16.000
Chemical Name:	Propane
Common Name:	Liquefied Petroleum Gas (lpg)
Case Number:	74-98-6

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0125381
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-07-11T00:34:16.000
Chemical Name:	WASTE 214 UNSPEC SOLVENT MIXTURE
Common Name:	THINNER/PAINT WASTES/GUN CLEANER
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0125382
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-07-11T00:34:16.000
Chemical Name:	WASTE 181 INORGANIC SOLID WASTE (OTHER)
Common Name:	PAINT BOOTH FILTERS
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed
Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0125383
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-07-11T00:34:16.000
Chemical Name:	WASTE 551 LABORATORY WASTE CHEMICALS
Common Name:	LAB PACK-SCIENCE LABS
Case Number:	Not reported

Record ID:	DEH2002-HUPFP-126019
Permit Status:	Permit Renewed

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Active Permit:	Y
Child Record Id:	DEH2017-HWAST-0125384
Trade Secret:	N
Hazardous Material Type:	Not reported
Last Updated:	2017-07-11T00:34:16.000
Chemical Name:	WASTE 902 INFECTIOUS WASTE, SHARPS
Common Name:	SHARPS ISOLYSER
Case Number:	Not reported

CERS HAZ WASTE:

Name:	SAN MARCOS HIGH SCHOOL
Address:	1615 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	64694
CERS ID:	10375615
CERS Description:	Hazardous Waste Generator

CHMIRS:

Name:	Not reported
Address:	1615 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92078
OES Incident Number:	12-1859
OES notification:	03/29/2012
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
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:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	School
Cleanup By:	Contractor
Containment:	Not reported

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1445
Year:	2012
Agency:	Ninyo and Moore
Incident Date:	3/28/2012
Admin Agency:	San Diego County Health Services Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel Tank (With Fuel)
Quantity Released:	750
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:	Caller states while grading a road a buried 1,000 gallon tank was discovered with an open fuel port. Caller states the tank contains approximately 750 gallons of diesel. Caller states the tank will be pumped cleaned and then removed (Under Permit). Caller states at this time there is no apparent release however the tank must be excavated and removed before a determination can be made.

CIWQS:

Name:	SAN MARCOS HIGH SCHOOL
Address:	1615 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Agency:	San Marcos Unified School District
Agency Address:	255 Pico Avenue Suite 205, San Marcos, CA 92069
Place/Project Type:	Construction - Other: school
SIC/NAICS:	Not reported
Region:	9
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	9 37C361439
NPDES Number:	CAS000002
Adoption Date:	Not reported

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Effective Date:	07/15/2011
Termination Date:	04/24/2015
Expiration/Review Date:	Not reported
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:	33.13131
Longitude:	-117.2054

CERS:

Name:	SAN MARCOS HIGH SCHO
Address:	1615 SAN MARCOS BOULEVARD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	342614
CERS ID:	60001024
CERS Description:	School Investigation

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	RANA GEORGES
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	CYPRESS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Supervisor
Entity Name:	SHAHIR HADDAD
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:	,

Name:	SAN MARCOS HIGH SCHOOL
Address:	1615 SAN MARCOS BLVD
City,State,Zip:	SAN MARCOS, CA 92069
Site ID:	64694
CERS ID:	10375615
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	06-07-2018
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

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

	characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 06/12/2018.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	10-18-2013
Citation:	HSC 6.95 25510 - California Health and Safety Code, Chapter 6.95, Section(s) 25510
Violation Description:	Failure to update hazardous material inventory within 30 days when one of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 10/28/2013.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	06-08-2016
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 06/16/2016. Inspection Sequence ID:5159614
Violation Division:	San Diego County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	02-18-2021
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:	Inspection Sequence ID:6459587
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	10-18-2013
Citation:	HSC 6.95 25510 - California Health and Safety Code, Chapter 6.95, Section(s) 25510
Violation Description:	Failure to update hazardous material inventory within 30 days when one

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

	of the following occurs: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 06/16/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	10-18-2013
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 10/28/2013.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	06-08-2016
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 06/14/2016. Inspection Sequence ID:5159614;Violation:HMD1001 Unified Program Facility permit not obtained for hazardous materials. SDCC 68.905
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	10-18-2013
Citation:	19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)
Violation Description:	Failure to complete and/or submit an annotated site map if required by CUPA.
Violation Notes:	Returned to compliance on 06/16/2016.
Violation Division:	San Diego County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	64694
Site Name:	SAN MARCOS HIGH SCHOOL
Violation Date:	06-08-2016
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 06/16/2016. Inspection Sequence ID:5159614

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 64694
Site Name: SAN MARCOS HIGH SCHOOL
Violation Date: 06-08-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/14/2016. Inspection Sequence ID:5159614;Violation:HMD0131 Unified Program Facility Permit not obtained &/or maintained for the generation of hazardous waste. HSC 25404.1; SDCC 68.905; 68.906, 68.907
Violation Division: San Diego County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Valdez Kevin Inspection ID:6459587
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5159614
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4091949
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-18-2013
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4941156
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Eval Date: 06-07-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5923195
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:5923195
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-08-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Fitzmaurice Mark Inspection ID:5159614
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-18-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4091949
Eval Division: San Diego County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-18-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspector: Kieu Bridget Inspection ID:4941156
Eval Division: San Diego County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: San Diego County Env Health Qlty
Entity Title: Not reported
Affiliation Address: PO Box 129261
Affiliation City: San Diego
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92112-9261
Affiliation Phone: (858) 505-6880,

Affiliation Type Desc: Document Preparer
Entity Name: Myra Lopez

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

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:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Myra Lopez
Entity Title:	Executive Director of M&O
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	SAN MARCOS UNIFIED SCHOOL DISTR
Entity Title:	Not reported
Affiliation Address:	255 Pico Ave #250
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92069-2701
Affiliation Phone:	(760) 290-2641,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	255 PICO AVE #250
Affiliation City:	SAN MARCOS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92069-2701
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	SAN MARCOS SCHOOL 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:	(760) 290-2200,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Peter Jenkins
Entity Title:	Not reported
Affiliation Address:	215 Mata Way
Affiliation City:	San Marcos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92069
Affiliation Phone:	,

SAN MARCOS HIGH SCHOOL (Continued) **S106062356**

Affiliation Type Desc:	Parent Corporation
Entity Name:	San Marcos Unified School 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:	,

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN MARCOS	S106797672	EVANS DEDICATED SYSTEMS	HIGHWAY 78 AND SAN MARCOS BLVD	92069	ENVIROSTOR
SAN MARCOS	S128572378	AT&T CALIFORNIA - DB26X	609 SAN ELLIJO RD	92078	San Diego Co. HMMD
SAN MARCOS	S108407262	SUNNY FRESH CLEANERS #16	SAN MARCOS BL	92069	SAN DIEGO CO. SAM
SAN MARCOS	S107540574		SAN PASQUALLEE VALLEY RD (1400	92069	CDL

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

Lists of Federal NPL (Superfund) sites

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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/10/2022
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/10/2022
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

Lists of Federal Delisted NPL sites

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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/27/2022
Next Scheduled EDR Contact: 10/10/2022
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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 02/08/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 88

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/05/2022
Next Scheduled EDR Contact: 08/22/2022
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: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
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: 02/21/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/04/2022
Next Scheduled EDR Contact: 09/05/2022
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: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

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: 01/24/2022
Date Data Arrived at EDR: 01/25/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

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: 01/24/2022
Date Data Arrived at EDR: 01/25/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

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: 02/07/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/05/2022
Number of Days to Update: 86

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/09/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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 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 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 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: 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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

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 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 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

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/03/2022
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 86

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Semi-Annually

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: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
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: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/14/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
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: 10/12/2021
Date Data Arrived at EDR: 11/15/2021
Date Made Active in Reports: 02/08/2022
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

Lists of 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: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 06/15/2022
Next Scheduled EDR Contact: 10/03/2022
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: 01/24/2022
Date Data Arrived at EDR: 01/25/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Quarterly

Lists of state and tribal brownfield 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: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85
Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 09/26/2022
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: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/24/2022
Date Made Active in Reports: 05/25/2022
Number of Days to Update: 90

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 08/22/2022
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: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
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: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
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: 01/24/2022
Date Data Arrived at EDR: 01/25/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
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: 01/18/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 82

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/19/2022
Next Scheduled EDR Contact: 08/01/2022
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: 02/22/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 76

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/24/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 12/10/2021
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 77

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 06/10/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
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: 02/03/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 05/02/2022
Number of Days to Update: 87

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

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

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: 01/18/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 82

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/19/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

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: 02/24/2022
Date Data Arrived at EDR: 02/25/2022
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 12

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/10/2022
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: 02/28/2022
Date Data Arrived at EDR: 02/28/2022
Date Made Active in Reports: 05/25/2022
Number of Days to Update: 86

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
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: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 12/31/2021
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/19/2022
Next Scheduled EDR Contact: 08/01/2022
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 12/01/2021
Date Data Arrived at EDR: 02/15/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 84

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
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: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

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: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
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: 05/06/2022
Next Scheduled EDR Contact: 08/22/2022
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: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
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: 06/14/2022
Next Scheduled EDR Contact: 09/26/2022
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: 05/20/2022
Next Scheduled EDR Contact: 08/29/2022
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: 01/19/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2022
Next Scheduled EDR Contact: 08/01/2022
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: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 09/12/2022
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: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
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: 01/25/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 02/25/2022
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 08/15/2022
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: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/18/2022
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: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
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: 03/11/2022
Date Data Arrived at EDR: 03/15/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/02/2022
Next Scheduled EDR Contact: 09/12/2022
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: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
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: 05/06/2022
Next Scheduled EDR Contact: 08/15/2022
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: 06/23/2022
Next Scheduled EDR Contact: 10/10/2022
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: 04/26/2022
Next Scheduled EDR Contact: 08/08/2022
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: 12/31/2021
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
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: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/05/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2022
Next Scheduled EDR Contact: 10/10/2022
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: 03/21/2022
Date Data Arrived at EDR: 03/22/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/26/2022
Next Scheduled EDR Contact: 09/12/2022
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: 02/01/2022
Date Data Arrived at EDR: 02/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 90

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/05/2022
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: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
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: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
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: 03/10/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 96

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 09/19/2022
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: 05/13/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 13

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/18/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
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: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
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: 04/02/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/17/2022
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: 02/17/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 82
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
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: 03/21/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/14/2022
Number of Days to Update: 85
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/21/2022
Next Scheduled EDR Contact: 10/03/2022
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: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/09/2022
Next Scheduled EDR Contact: 08/22/2022
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: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/01/2022
Next Scheduled EDR Contact: 09/12/2022
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: 02/17/2022
Date Data Arrived at EDR: 02/24/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 83

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
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: 02/24/2022
Date Data Arrived at EDR: 02/25/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 82

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
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: 12/31/2019
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/13/2022
Next Scheduled EDR Contact: 09/26/2022
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: 04/12/2022
Date Data Arrived at EDR: 04/19/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 42

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/19/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 84

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/01/2022
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: 02/23/2022
Date Data Arrived at EDR: 02/24/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 83

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 08/22/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/05/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/14/2022
Date Data Arrived at EDR: 02/15/2022
Date Made Active in Reports: 05/12/2022
Number of Days to Update: 86

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
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: 02/14/2022
Date Data Arrived at EDR: 02/15/2022
Date Made Active in Reports: 05/12/2022
Number of Days to Update: 86

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/17/2022
Next Scheduled EDR Contact: 08/29/2022
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: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 06/27/2022
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/05/2022
Next Scheduled EDR Contact: 10/17/2022
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: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/01/2022
Number of Days to Update: 85

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
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: 02/17/2022
Date Data Arrived at EDR: 02/28/2022
Date Made Active in Reports: 05/25/2022
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/07/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/05/2022
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/09/2022
Next Scheduled EDR Contact: 08/22/2022
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: 02/28/2022
Date Data Arrived at EDR: 02/28/2022
Date Made Active in Reports: 05/25/2022
Number of Days to Update: 86

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
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: 03/11/2022
Date Data Arrived at EDR: 03/15/2022
Date Made Active in Reports: 06/08/2022
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
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: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 86

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/18/2022
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: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
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: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 03/07/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/03/2022
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
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: 02/28/2022
Date Data Arrived at EDR: 02/28/2022
Date Made Active in Reports: 05/25/2022
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
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: 01/18/2022
Date Data Arrived at EDR: 01/19/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 79

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/19/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/23/2022
Next Scheduled EDR Contact: 09/19/2022
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: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
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: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

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: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
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: 05/27/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

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: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 04/05/2022
Next Scheduled EDR Contact: 07/18/2022
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

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: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/28/2021
Date Data Arrived at EDR: 12/28/2021
Date Made Active in Reports: 03/18/2022
Number of Days to Update: 80
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 02/04/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 05/02/2022
Number of Days to Update: 87
Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 05/12/2022
Next Scheduled EDR Contact: 08/15/2022
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: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/17/2022
Date Data Arrived at EDR: 03/18/2022
Date Made Active in Reports: 06/08/2022
Number of Days to Update: 82

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 01/24/2022
Date Data Arrived at EDR: 01/25/2022
Date Made Active in Reports: 04/14/2022
Number of Days to Update: 79

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/26/2022
Date Made Active in Reports: 04/14/2022
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/04/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/16/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 82

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 08/08/2022
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: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/01/2022
Next Scheduled EDR Contact: 10/10/2022
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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 04/06/2022
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
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: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
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: 02/10/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 82

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 02/10/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 82

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 02/10/2022
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 82

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/11/2022
Next Scheduled EDR Contact: 07/25/2022
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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
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: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/04/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/13/2022
Number of Days to Update: 8

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 06/29/2022
Next Scheduled EDR Contact: 10/17/2022
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 04/12/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 84

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/12/2022
Next Scheduled EDR Contact: 07/25/2022
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: 01/01/2022
Date Data Arrived at EDR: 01/21/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
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: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
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: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/13/2022
Next Scheduled EDR Contact: 07/25/2022
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: 01/13/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/15/2022
Number of Days to Update: 86

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/24/2022
Next Scheduled EDR Contact: 10/03/2022
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: 01/13/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/15/2022
Number of Days to Update: 86

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/24/2022
Next Scheduled EDR Contact: 10/03/2022
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: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 07/25/2022
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: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
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: 02/02/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
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: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
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: 06/22/2022
Next Scheduled EDR Contact: 10/10/2022
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: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 06/22/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 06/22/2022
Next Scheduled EDR Contact: 10/10/2022
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: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
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: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/25/2022
Date Data Arrived at EDR: 01/26/2022
Date Made Active in Reports: 04/14/2022
Number of Days to Update: 78

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/14/2022
Date Data Arrived at EDR: 02/03/2022
Date Made Active in Reports: 04/14/2022
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/02/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/14/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 05/02/2022
Number of Days to Update: 87

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/02/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/14/2022
Date Data Arrived at EDR: 02/01/2022
Date Made Active in Reports: 04/18/2022
Number of Days to Update: 76

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/03/2022
Next Scheduled EDR Contact: 08/15/2022
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: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 06/01/2022
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
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: 03/31/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/31/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 8

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
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: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/30/2022
Next Scheduled EDR Contact: 10/10/2022
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: 05/04/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 5

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 06/30/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 04/29/2022
Date Data Arrived at EDR: 04/29/2022
Date Made Active in Reports: 05/05/2022
Number of Days to Update: 6

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 05/12/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 02/28/2022
Date Data Arrived at EDR: 02/28/2022
Date Made Active in Reports: 05/25/2022
Number of Days to Update: 86

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/31/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
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: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
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: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 02/03/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 02/03/2022
Date Data Arrived at EDR: 02/04/2022
Date Made Active in Reports: 05/02/2022
Number of Days to Update: 87

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 97

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 05/06/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

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: 06/09/2022
Next Scheduled EDR Contact: 09/26/2022
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/16/2022
Date Made Active in Reports: 05/13/2022
Number of Days to Update: 86

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
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: 06/10/2022
Next Scheduled EDR Contact: 09/19/2022
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: 06/02/2022
Next Scheduled EDR Contact: 09/19/2022
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: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2022
Date Data Arrived at EDR: 02/16/2022
Date Made Active in Reports: 05/12/2022
Number of Days to Update: 85

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
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: 05/19/2022
Next Scheduled EDR Contact: 09/05/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
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: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
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: 05/12/2022
Next Scheduled EDR Contact: 08/29/2022
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: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/03/2022
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: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/14/2022
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/11/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2021
Date Data Arrived at EDR: 11/29/2021
Date Made Active in Reports: 02/11/2022
Number of Days to Update: 74

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/25/2022
Next Scheduled EDR Contact: 09/12/2022
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: 04/28/2022
Next Scheduled EDR Contact: 08/15/2022
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 01/14/2022
Date Made Active in Reports: 04/06/2022
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/14/2022
Next Scheduled EDR Contact: 08/15/2022
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: 04/14/2022
Next Scheduled EDR Contact: 08/01/2022
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: 12/27/2021
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/08/2022
Number of Days to Update: 78

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
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: 06/22/2022
Next Scheduled EDR Contact: 10/10/2022
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: 05/04/2022
Next Scheduled EDR Contact: 08/22/2022
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: 12/27/2021
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 81

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/18/2022
Next Scheduled EDR Contact: 08/01/2022
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: 02/28/2022
Date Data Arrived at EDR: 03/08/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 86

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/07/2022
Next Scheduled EDR Contact: 09/19/2022
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: 03/24/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 06/27/2022
Number of Days to Update: 88

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/22/2022
Next Scheduled EDR Contact: 10/10/2022
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2022
Date Data Arrived at EDR: 01/27/2022
Date Made Active in Reports: 04/14/2022
Number of Days to Update: 77

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/21/2022
Next Scheduled EDR Contact: 08/08/2022
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: 12/03/2021
Date Data Arrived at EDR: 02/11/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 84

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/09/2022
Next Scheduled EDR Contact: 08/22/2022
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: 06/28/2022
Next Scheduled EDR Contact: 10/17/2022
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: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/28/2022
Next Scheduled EDR Contact: 08/08/2022
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: 04/08/2022
Next Scheduled EDR Contact: 07/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/16/2022
Next Scheduled EDR Contact: 08/29/2022
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: 06/03/2022
Next Scheduled EDR Contact: 09/19/2022
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

1020-1080 WEST SAN MARCOS BOULEVARD
1020 WEST SAN MARCOS BOULEVARD
SAN MARCOS, CA 92078

TARGET PROPERTY COORDINATES

Latitude (North):	33.135359 - 33ˆ 8’ 7.29’’
Longitude (West):	117.189926 - 117ˆ 11’ 23.73’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	482284.7
UTM Y (Meters):	3666117.5
Elevation:	531 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12015921 SAN MARCOS, CA
Version Date:	2018
South Map:	12015911 RANCHO SANTA FE, CA
Version Date:	2018

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).

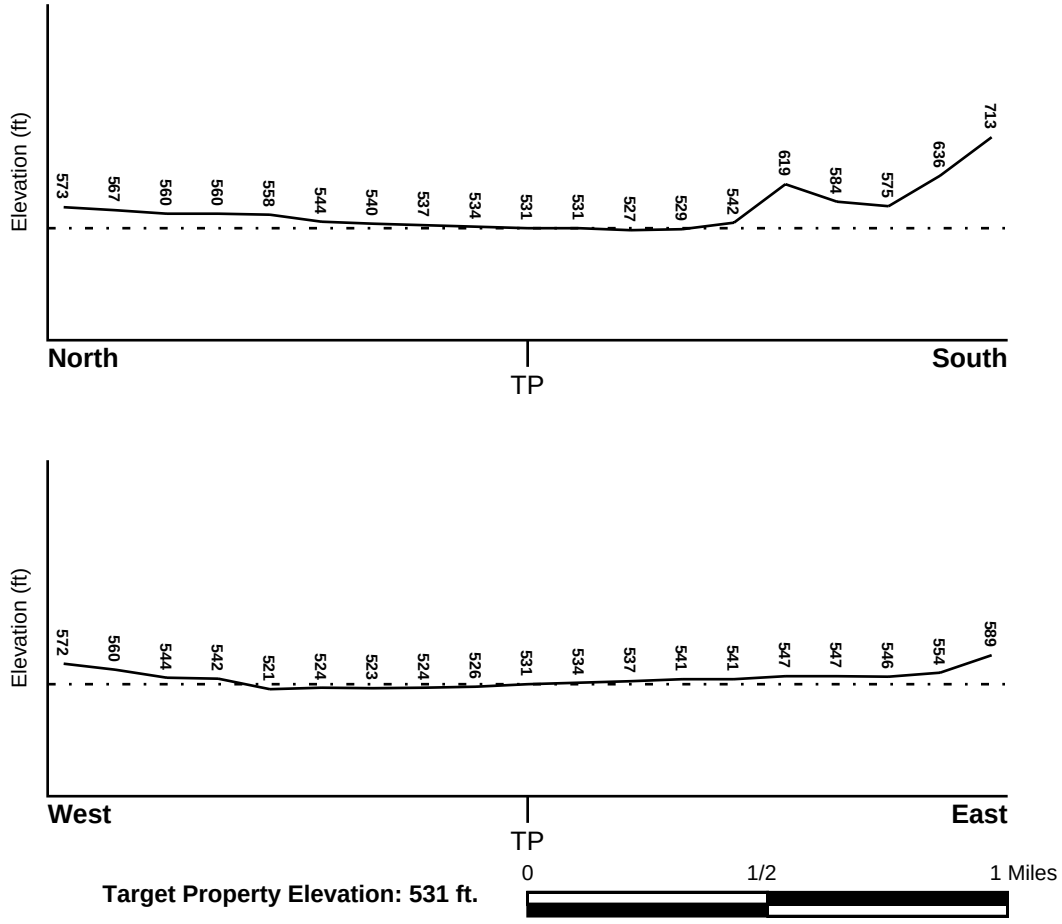
TOPOGRAPHIC INFORMATION

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 WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 531 ft.

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
06073C0789H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06073C0793G	FEMA FIRM Flood data
06073C1052G	FEMA FIRM Flood data
06073C1056F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN MARCOS	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
C15	1/4 - 1/2 Mile ENE	Not Reported
C16	1/4 - 1/2 Mile East	Not Reported
G33	1/2 - 1 Mile WSW	E
M64	1/2 - 1 Mile WNW	NE
78	1/2 - 1 Mile NNW	Not Reported
M101	1/2 - 1 Mile WNW	E

* ©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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
O141	1/2 - 1 Mile NNE	S
1G	1/2 - 1 Mile NNE	S
2G	1/2 - 1 Mile NNW	Not Reported
4G	1/2 - 1 Mile WNW	E
5G	1/2 - 1 Mile WNW	NE
6G	1/4 - 1/2 Mile ENE	Not Reported
7G	1/4 - 1/2 Mile East	Not Reported
8G	1/2 - 1 Mile WSW	E

For additional site information, refer to Physical Setting Source Map Findings.

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

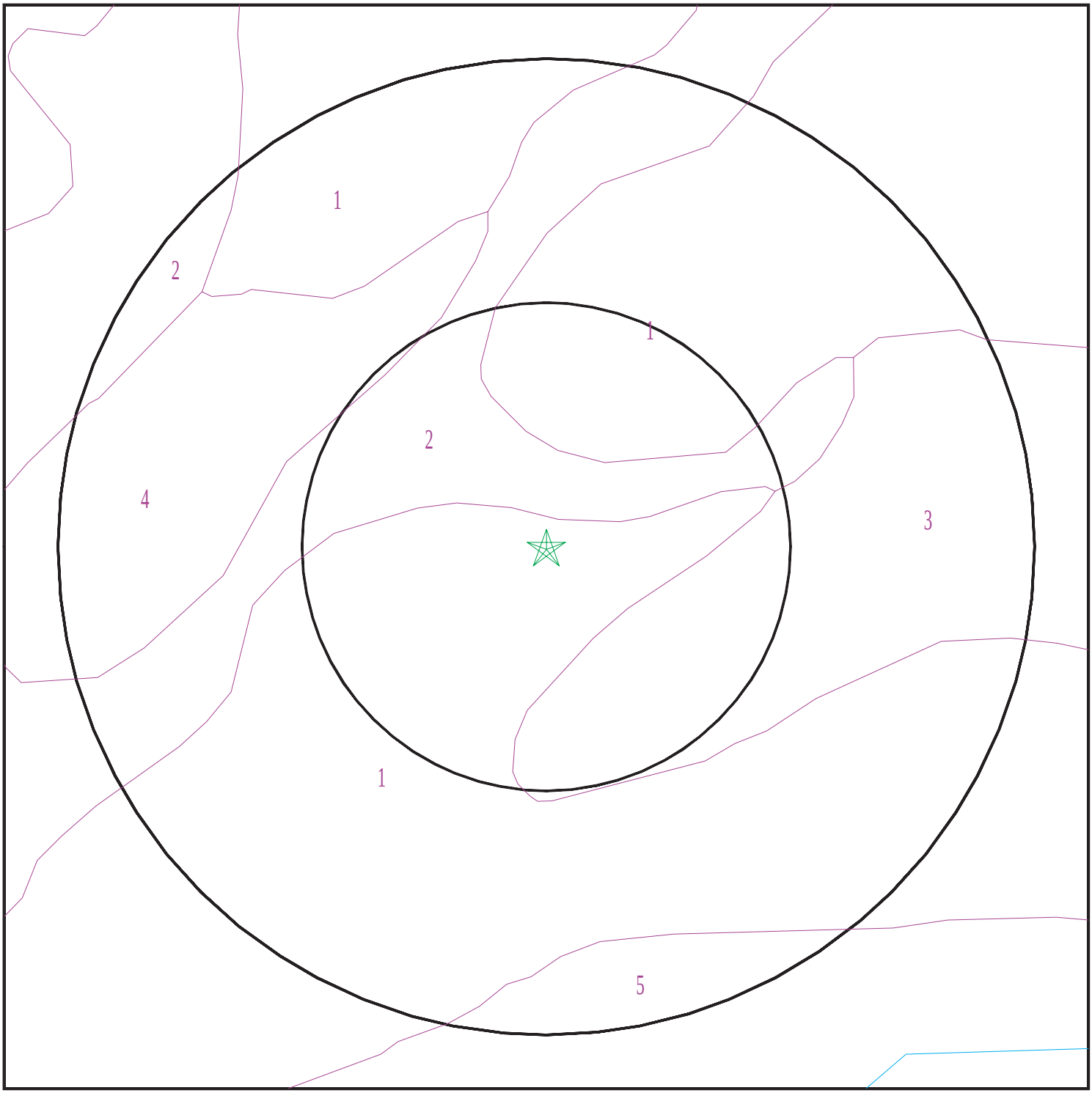
Era:	Mesozoic
System:	Lower Jurassic and Upper Triassic
Series:	Lower Mesozoic
Code:	lMze *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

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 - 7043715.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	1020-1080 West San Marcos Boulevard	CLIENT:	Geocon Env. Consultants, Inc.
ADDRESS:	1020 West San Marcos Boulevard San Marcos CA 92078	CONTACT:	Cole Mikesell
LAT/LONG:	33.135359 / 117.189926	INQUIRY #:	7043715.2s
		DATE:	July 06, 2022 5:19 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: PLACENTIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately 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	12 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
2	12 inches	33 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9
3	33 inches	62 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: PLACENTIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately 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	12 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.7
2	12 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.7
3	33 inches	62 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.42 Min: 0.01	Max: 8.4 Min: 7.7

Soil Map ID: 3

Soil Component Name: PLACENTIA

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	12 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	12 inches	33 inches	sandy clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	33 inches	53 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
4	53 inches	62 inches		Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: RAMONA

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: Moderate

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	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
2	16 inches	59 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
3	59 inches	74 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6

Soil Map ID: 5

Soil Component Name: GRANGEVILLE

Soil Surface Texture: fine 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:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 92 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	11 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	11 inches	59 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 42 Min: 14	Max: 8.4 Min: 7.9

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
No Wells Found		

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000042258	1/4 - 1/2 Mile NNE
A2	CAEDF0000076686	1/4 - 1/2 Mile NNE
A3	CAEDF0000104855	1/4 - 1/2 Mile NNE
B4	CAEDF0000022484	1/4 - 1/2 Mile North
A5	CAEDF0000128927	1/4 - 1/2 Mile NNE
A6	CAEDF0000020594	1/4 - 1/2 Mile NNE
B7	CAEDF0000041824	1/4 - 1/2 Mile North
B8	CAEDF0000062067	1/4 - 1/2 Mile North
B9	CAEDF0000004057	1/4 - 1/2 Mile North
B10	CAEDF0000019095	1/4 - 1/2 Mile North
B11	CAEDF0000113813	1/4 - 1/2 Mile North
B12	CAEDF0000059941	1/4 - 1/2 Mile North
B13	CAEDF0000079510	1/4 - 1/2 Mile North
14	CAEDF0000006292	1/4 - 1/2 Mile North
D17	CAEDF0000088905	1/4 - 1/2 Mile NNE
D18	CAEDF0000088046	1/4 - 1/2 Mile NNE
E19	CAEDF0000111586	1/2 - 1 Mile ENE
E20	CAEDF0000000696	1/2 - 1 Mile ENE
D21	CAEDF0000010826	1/2 - 1 Mile NNE
D22	CAEDF0000018395	1/2 - 1 Mile NNE
D23	CAEDF0000048855	1/2 - 1 Mile NNE
E24	CAEDF0000003131	1/2 - 1 Mile ENE
E25	CAEDF0000061559	1/2 - 1 Mile ENE
F26	CAEDF0000060495	1/2 - 1 Mile NNW
F27	CAEDF0000076795	1/2 - 1 Mile NNW
F28	CAEDF0000053679	1/2 - 1 Mile NNW
D29	CAEDF0000070036	1/2 - 1 Mile NNE
D30	CAEDF0000102035	1/2 - 1 Mile NNE
D31	CAEDF0000009574	1/2 - 1 Mile NNE
G32	CAEDF0000058180	1/2 - 1 Mile WSW
D34	CAEDF0000059314	1/2 - 1 Mile NNE
H35	CAEDF0000104979	1/2 - 1 Mile ENE
I36	CAEDF0000052265	1/2 - 1 Mile NNE
H37	CAEDF0000118159	1/2 - 1 Mile ENE
D38	CAEDF0000086504	1/2 - 1 Mile NNE
I39	CAEDF0000143214	1/2 - 1 Mile NNE
H40	CAEDF0000023633	1/2 - 1 Mile ENE
G41	CAEDF0000075147	1/2 - 1 Mile WSW
G42	CAEDF0000051686	1/2 - 1 Mile WSW
J43	CAEDF0000120933	1/2 - 1 Mile West
J44	CAPFAS000000106	1/2 - 1 Mile West
H45	CAEDF0000057450	1/2 - 1 Mile ENE
G46	CAEDF0000140728	1/2 - 1 Mile WSW
47	CAEDF0000016793	1/2 - 1 Mile WNW
G48	CAEDF0000133791	1/2 - 1 Mile WSW
K49	CAEDF0000020363	1/2 - 1 Mile NNE
G50	CAEDF0000058166	1/2 - 1 Mile WSW
I51	CAEDF0000072002	1/2 - 1 Mile NNE
G52	CAEDF0000041434	1/2 - 1 Mile WSW
I53	CAEDF0000100907	1/2 - 1 Mile NNE
J54	CAEDF0000052333	1/2 - 1 Mile West
G55	CAEDF0000061164	1/2 - 1 Mile WSW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I56	CAEDF0000053323	1/2 - 1 Mile NNE
G57	CAEDF0000072304	1/2 - 1 Mile WSW
G58	CAEDF0000116790	1/2 - 1 Mile WSW
G59	CAEDF0000035848	1/2 - 1 Mile WSW
L60	CAEDF0000059238	1/2 - 1 Mile WSW
G61	CAEDF0000056726	1/2 - 1 Mile WSW
K62	CAEDF0000122182	1/2 - 1 Mile NNE
G63	CAEDF0000120564	1/2 - 1 Mile WSW
L65	CAEDF0000023344	1/2 - 1 Mile WSW
L66	CAEDF0000024302	1/2 - 1 Mile WSW
G67	CAEDF0000041569	1/2 - 1 Mile WSW
G68	CAEDF0000044638	1/2 - 1 Mile WSW
G69	CAEDF0000108061	1/2 - 1 Mile WSW
G70	CAEDF0000123827	1/2 - 1 Mile WSW
L71	CAEDF0000096030	1/2 - 1 Mile WSW
G72	CAEDF0000074001	1/2 - 1 Mile WSW
L73	CAEDF0000098403	1/2 - 1 Mile WSW
H74	CAEDF0000132640	1/2 - 1 Mile East
H75	CAEDF0000051925	1/2 - 1 Mile ENE
G76	CAEDF0000123483	1/2 - 1 Mile WSW
L77	CAEDF0000052418	1/2 - 1 Mile WSW
L79	CAEDF0000021210	1/2 - 1 Mile WSW
I80	CAEDF0000087945	1/2 - 1 Mile NNE
K81	CAEDF0000014594	1/2 - 1 Mile NNE
K82	CAEDF0000083818	1/2 - 1 Mile NNE
L83	CAEDF0000083896	1/2 - 1 Mile WSW
K84	CAEDF0000123597	1/2 - 1 Mile NNE
K85	CAEDF0000073985	1/2 - 1 Mile NNE
L86	CAEDF0000034438	1/2 - 1 Mile WSW
K87	CAEDF0000058982	1/2 - 1 Mile NNE
L88	CAEDF0000129875	1/2 - 1 Mile WSW
L89	CAEDF0000069007	1/2 - 1 Mile WSW
K90	CAEDF0000075034	1/2 - 1 Mile NNE
N91	CAEDF0000111068	1/2 - 1 Mile ENE
K92	CAEDF0000130495	1/2 - 1 Mile NNE
K93	CAEDF0000016754	1/2 - 1 Mile NNE
K94	CAEDF0000047121	1/2 - 1 Mile NNE
K95	CAEDF0000049327	1/2 - 1 Mile NNE
N96	CAEDF0000133977	1/2 - 1 Mile ENE
97	CAEDF0000010057	1/2 - 1 Mile WSW
K98	CAEDF0000092076	1/2 - 1 Mile NNE
K99	CAEDF0000022897	1/2 - 1 Mile NNE
K100	CAEDF0000104245	1/2 - 1 Mile NNE
K102	CAEDF0000014808	1/2 - 1 Mile NNE
K103	CAEDF0000106374	1/2 - 1 Mile NNE
K104	CAEDF0000101568	1/2 - 1 Mile NNE
K105	CAEDF0000018233	1/2 - 1 Mile NNE
K106	CAEDF0000129085	1/2 - 1 Mile NNE
K107	CAEDF0000003204	1/2 - 1 Mile NNE
K108	CAEDF0000137737	1/2 - 1 Mile NNE
K109	CAEDF0000127259	1/2 - 1 Mile NNE
K110	CAEDF0000056526	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K111	CAEDF0000052161	1/2 - 1 Mile NNE
K112	CAEDF0000031287	1/2 - 1 Mile NNE
O113	CAEDF0000072903	1/2 - 1 Mile NNE
O114	CAEDF0000136641	1/2 - 1 Mile NNE
O115	CAEDF0000120758	1/2 - 1 Mile NNE
O116	CAEDF0000104682	1/2 - 1 Mile NNE
N117	CAEDF0000046393	1/2 - 1 Mile East
O118	CAEDF0000040778	1/2 - 1 Mile NNE
N119	CAEDF0000112709	1/2 - 1 Mile East
N120	CAEDF0000044012	1/2 - 1 Mile East
O121	CAEDF0000008671	1/2 - 1 Mile NNE
O122	CAEDF0000018645	1/2 - 1 Mile NNE
N123	CAEDF0000088611	1/2 - 1 Mile ENE
N124	CAEDF0000137513	1/2 - 1 Mile East
P125	CAEDF0000055725	1/2 - 1 Mile WSW
P126	CAEDF0000044677	1/2 - 1 Mile WSW
O127	CAEDF0000131462	1/2 - 1 Mile NNE
N128	CAEDF0000097978	1/2 - 1 Mile East
N129	CAEDF0000101157	1/2 - 1 Mile East
N130	CAEDF0000048876	1/2 - 1 Mile East
N131	CAEDF0000105647	1/2 - 1 Mile East
N132	CAEDF0000018304	1/2 - 1 Mile East
N133	CAEDF0000128482	1/2 - 1 Mile ENE
N134	CAEDF0000062590	1/2 - 1 Mile East
Q135	CAEDF0000069358	1/2 - 1 Mile WNW
O136	CAEDF0000115238	1/2 - 1 Mile NNE
R137	CAEDF0000082102	1/2 - 1 Mile East
S138	CAEDF0000129710	1/2 - 1 Mile NW
Q139	CAEDF0000110587	1/2 - 1 Mile WNW
S140	CAEDF0000013350	1/2 - 1 Mile NW
Q142	CAEDF0000056573	1/2 - 1 Mile WNW
S143	CAEDF0000110271	1/2 - 1 Mile NW
Q144	CAEDF0000050975	1/2 - 1 Mile WNW
Q145	CAEDF0000066785	1/2 - 1 Mile WNW
S146	CAEDF0000100287	1/2 - 1 Mile NW
Q147	CAEDF0000060202	1/2 - 1 Mile WNW
S148	CAEDF0000032174	1/2 - 1 Mile NW
S149	CAEDF0000135476	1/2 - 1 Mile NW
S150	CAEDF0000079997	1/2 - 1 Mile NW
T151	CAPFAS000000662	1/2 - 1 Mile West
T152	CAEDF0000088952	1/2 - 1 Mile West
S153	CAEDF0000117022	1/2 - 1 Mile NW
R154	CAEDF0000044405	1/2 - 1 Mile ENE
R155	CAEDF0000093226	1/2 - 1 Mile East
U156	CAEDF0000092805	1/2 - 1 Mile WNW
U157	CAEDF0000135093	1/2 - 1 Mile WNW
U158	CAEDF0000042737	1/2 - 1 Mile WNW
U159	CAEDF0000082577	1/2 - 1 Mile WNW
U160	CAEDF0000142760	1/2 - 1 Mile WNW
U161	CAEDF0000092376	1/2 - 1 Mile WNW
U163	CAEDF0000093882	1/2 - 1 Mile WNW
U164	CAEDF0000108940	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

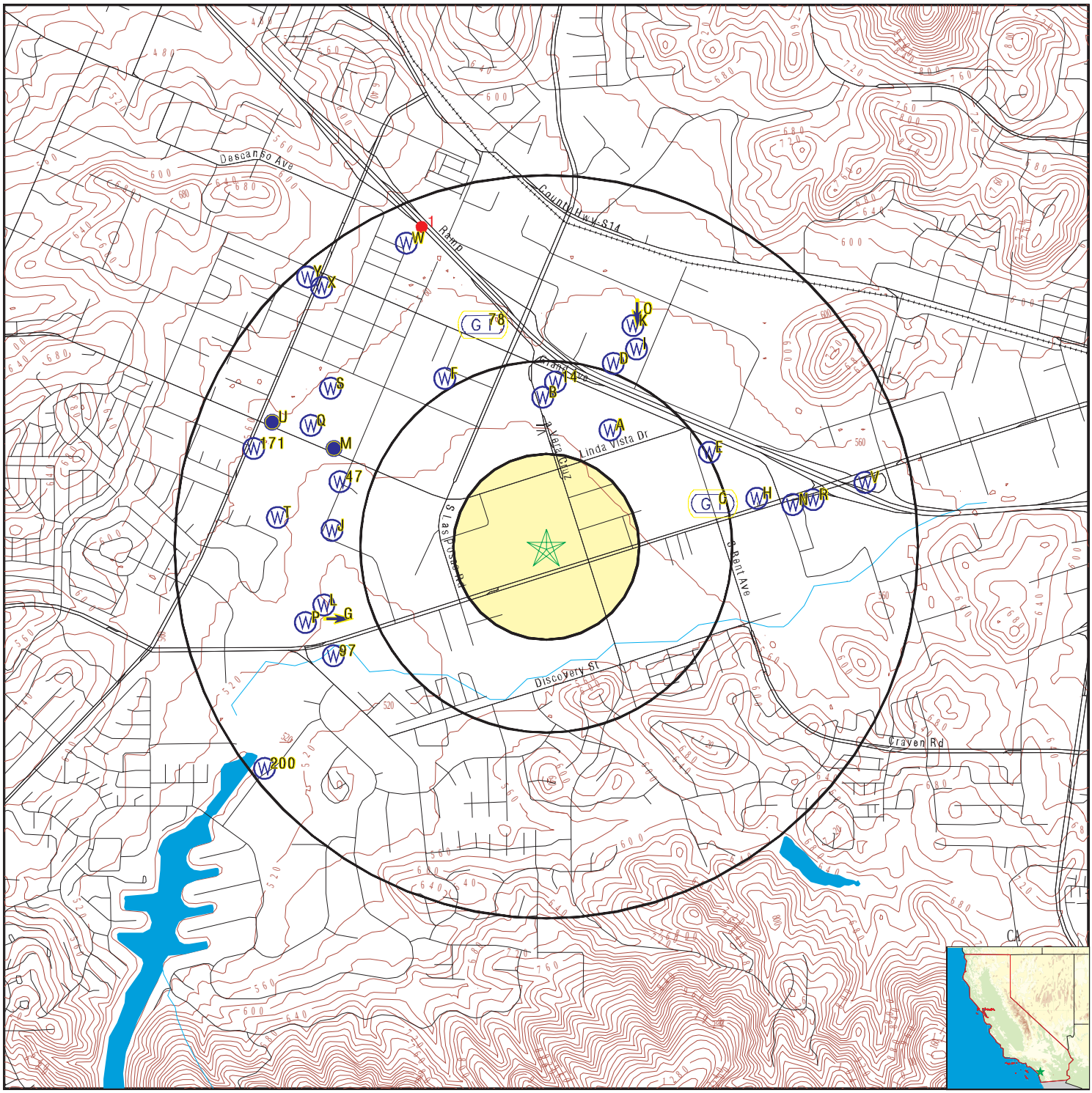
MAP ID	WELL ID	LOCATION FROM TP
U165	CAEDF0000076788	1/2 - 1 Mile WNW
U166	CAEDF0000139298	1/2 - 1 Mile WNW
U167	CAEDF0000020436	1/2 - 1 Mile WNW
U168	CAEDF0000071387	1/2 - 1 Mile WNW
U169	CAEDF0000068737	1/2 - 1 Mile WNW
V170	CAEDF0000038720	1/2 - 1 Mile East
171	CAEDF0000132195	1/2 - 1 Mile WNW
U172	CAEDF0000084996	1/2 - 1 Mile WNW
U173	CAEDF0000131154	1/2 - 1 Mile WNW
U174	CAEDF0000139103	1/2 - 1 Mile WNW
V175	CAEDF0000127855	1/2 - 1 Mile ENE
V176	CAEDF0000065860	1/2 - 1 Mile ENE
W177	CAEDF0000089438	1/2 - 1 Mile NNW
V178	CAEDF0000140349	1/2 - 1 Mile East
V179	CAEDF0000005624	1/2 - 1 Mile ENE
X180	CAEDF0000104772	1/2 - 1 Mile NW
X181	CAEDF0000059124	1/2 - 1 Mile NW
V182	CAEDF0000121692	1/2 - 1 Mile ENE
W183	CAEDF0000131445	1/2 - 1 Mile NNW
X184	CAEDF0000065903	1/2 - 1 Mile NW
X185	CAEDF0000116886	1/2 - 1 Mile NW
W186	CAEDF0000095674	1/2 - 1 Mile NNW
W187	CAEDF0000066948	1/2 - 1 Mile NNW
V188	CAEDF0000032775	1/2 - 1 Mile ENE
W189	CAEDF0000122519	1/2 - 1 Mile NNW
W190	CAEDF0000073785	1/2 - 1 Mile NNW
W191	CAEDF0000118424	1/2 - 1 Mile NNW
W192	CAEDF0000063928	1/2 - 1 Mile NNW
W193	CAEDF0000133216	1/2 - 1 Mile NNW
W194	CAEDF0000140369	1/2 - 1 Mile NNW
X195	CAEDF0000042687	1/2 - 1 Mile NW
X196	CAEDF0000067827	1/2 - 1 Mile NW
X197	CAEDF0000060762	1/2 - 1 Mile NW
X198	CAEDF0000053692	1/2 - 1 Mile NW
X199	CAEDF0000008573	1/2 - 1 Mile NW
200	CADWR0000010370	1/2 - 1 Mile SW
Y201	CAEDF0000125713	1/2 - 1 Mile NW
Y202	CAEDF0000096482	1/2 - 1 Mile NW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000006684	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 7043715.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- 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:	1020-1080 West San Marcos Boulevard	CLIENT:	Geocon Env. Consultants, Inc.
ADDRESS:	1020 West San Marcos Boulevard San Marcos CA 92078	CONTACT:	Cole Mikesell
		INQUIRY #:	7043715.2s
LAT/LONG:	33.135359 / 117.189926	DATE:	July 06, 2022 5:19 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000042258**

Well ID:	T10000006374-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=T10000006374&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006374&assigned_name=MW-2		

A2
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000076686**

Well ID:	T10000006374-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=T10000006374&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006374&assigned_name=MW-5		

A3
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000104855**

Well ID:	T10000006374-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=T10000006374&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006374&assigned_name=MW-1		

B4
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000022484**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000128927**

Well ID:	T10000006374-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=T10000006374&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006374&assigned_name=MW-3		

A6
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000020594**

Well ID:	T10000006374-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=T10000006374&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000006374&assigned_name=MW-4		

B7
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000041824**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW3		

B8
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000062067**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B9
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000004057**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW6		

B10
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000019095**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW5		

B11
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000113813**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW4		

B12
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000059941**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B13
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000079510**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW2		

14
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000006292**

Well ID:	T0607302416-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=T0607302416&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302416&assigned_name=MW8		

C15
ENE
1/4 - 1/2 Mile
Higher

Site ID:	9UT1516
Groundwater Flow:	Not Reported
Shallow Water Depth:	10
Deep Water Depth:	16
Average Water Depth:	Not Reported
Date:	02/15/1990

AQUIFLOW **34181**

C16
East
1/4 - 1/2 Mile
Higher

Site ID:	9UT0782
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	>30
Date:	10/09/1987

AQUIFLOW **37970**

D17
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000088905**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-22		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D18
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CAEDF0000088046**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-14		

E19
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000111586**

Well ID:	T10000009279-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=T10000009279&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000009279&assigned_name=MW-7		

E20
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000000696**

Well ID:	T06019794315-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=T06019794315&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019794315&assigned_name=MW-6		

D21
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000010826**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D22
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018395**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-11D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-11D		

D23
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048855**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-21		

E24
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003131**

Well ID:	T06019794315-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=T06019794315&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019794315&assigned_name=MW-4		

E25
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000061559**

Well ID:	T06019794315-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=T06019794315&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019794315&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F26
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060495**

Well ID:	T0607302493-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=T0607302493&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302493&assigned_name=MW-1		

F27
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000076795**

Well ID:	T0607302493-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=T0607302493&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302493&assigned_name=MW-2		

F28
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053679**

Well ID:	T0607302493-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=T0607302493&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302493&assigned_name=MW-3		

D29
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000070036**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D30
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000102035**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-15		

D31
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000009574**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-20		

G32
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000058180**

Well ID:	T0607302845-VWD-2	Well Type:	MONITORING
Source:	EDF	Other Name:	VWD-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=T0607302845&assigned_name=VWD-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=VWD-2		

G33
WSW
1/2 - 1 Mile
Lower

AQUIFLOW **37928**

Site ID:	Not Reported
Groundwater Flow:	E
Shallow Water Depth:	3
Deep Water Depth:	18
Average Water Depth:	Not Reported
Date:	07/31/1985

D34
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059314**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-1

H35
ENE **CA WELLS** **CAEDF0000104979**
1/2 - 1 Mile
Higher

Well ID: T06019784786-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=T06019784786&assigned_name=MW5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019784786&assigned_name=MW5

I36
NNE **CA WELLS** **CAEDF0000052265**
1/2 - 1 Mile
Higher

Well ID: SL209154190-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=SL209154190&assigned_name=P-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=P-4

H37
ENE **CA WELLS** **CAEDF0000118159**
1/2 - 1 Mile
Higher

Well ID: T06019784786-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=T06019784786&assigned_name=MW7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019784786&assigned_name=MW7

D38
NNE **CA WELLS** **CAEDF0000086504**
1/2 - 1 Mile
Higher

Well ID: SL0607396081-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=SL0607396081&assigned_name=MW-2&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-2

I39
NNE **CA WELLS** **CAEDF0000143214**
1/2 - 1 Mile
Higher

Well ID:	SL209154190-D-5	Well Type:	MONITORING
Source:	EDF	Other Name:	D-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=SL209154190&assigned_name=D-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=D-5		

H40
ENE **CA WELLS** **CAEDF0000023633**
1/2 - 1 Mile
Higher

Well ID:	T06019784786-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=T06019784786&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019784786&assigned_name=MW6		

G41
WSW **CA WELLS** **CAEDF0000075147**
1/2 - 1 Mile
Lower

Well ID:	T0607302845-IT-11	Well Type:	MONITORING
Source:	EDF	Other Name:	IT-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=IT-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=IT-11		

G42
WSW **CA WELLS** **CAEDF0000051686**
1/2 - 1 Mile
Lower

Well ID:	T0607302845-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=T0607302845&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J43
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000120933**

Well ID:	L10006943141-SM-7	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-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=L10006943141&assigned_name=SM-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10006943141&assigned_name=SM-7		

J44
West
1/2 - 1 Mile
Lower

CA WELLS **CAPFAS000000106**

Well ID:	L10006943141-SM-7	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-7
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10006943141&assigned_name=SM-7&store_num=		
GeoTracker Data:	Not Reported		

H45
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000057450**

Well ID:	T06019784786-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=T06019784786&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019784786&assigned_name=MW4		

G46
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000140728**

Well ID:	T0607302845-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=T0607302845&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

47
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000016793**

Well ID:	L10006943141-SM-5	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-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=L10006943141&assigned_name=SM-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10006943141&assigned_name=SM-5		

G48
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133791**

Well ID:	T0607302845-EW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-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=T0607302845&assigned_name=EW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=EW-1		

K49
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000020363**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-16		

G50
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000058166**

Well ID:	T0607302845-WCC-1	Well Type:	MONITORING
Source:	EDF	Other Name:	WCC-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=T0607302845&assigned_name=WCC-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=WCC-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I51
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072002**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-19		

G52
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000041434**

Well ID:	T0607302845-WCC-2	Well Type:	MONITORING
Source:	EDF	Other Name:	WCC-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=T0607302845&assigned_name=WCC-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=WCC-2		

I53
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000100907**

Well ID:	SL0607396081-MW-17D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0607396081&assigned_name=MW-17D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-17D		

J54
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052333**

Well ID:	L10006943141-SM-3	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-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=L10006943141&assigned_name=SM-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10006943141&assigned_name=SM-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G55
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000061164**

Well ID:	T0607302845-EW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-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=T0607302845&assigned_name=EW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=EW-3		

I56
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053323**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-18		

G57
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000072304**

Well ID:	T0607302845-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=T0607302845&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-13		

G58
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000116790**

Well ID:	T0607302845-WCC-3	Well Type:	MONITORING
Source:	EDF	Other Name:	WCC-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=T0607302845&assigned_name=WCC-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=WCC-3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G59
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000035848**

Well ID:	T0607302845-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=T0607302845&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-12		

L60
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000059238**

Well ID:	T0607302845-WCC-5	Well Type:	MONITORING
Source:	EDF	Other Name:	WCC-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=T0607302845&assigned_name=WCC-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=WCC-5		

G61
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000056726**

Well ID:	T0607302845-MW-202	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-202
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-202&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-202		

K62
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122182**

Well ID:	SL0607396081-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=SL0607396081&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0607396081&assigned_name=MW-12		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G63
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000120564**

Well ID:	T0607302845-WCC-4	Well Type:	MONITORING
Source:	EDF	Other Name:	WCC-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=T0607302845&assigned_name=WCC-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=WCC-4		

M64
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **38309**

Site ID:	Not Reported
Groundwater Flow:	NE
Shallow Water Depth:	7.5
Deep Water Depth:	15
Average Water Depth:	Not Reported
Date:	07/1990

L65
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023344**

Well ID:	T0607302845-WCC-9	Well Type:	MONITORING
Source:	EDF	Other Name:	WCC-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=T0607302845&assigned_name=WCC-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=WCC-9		

L66
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000024302**

Well ID:	T0607302845-EW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-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=T0607302845&assigned_name=EW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=EW-7		

G67
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000041569**

Well ID:	T0607302845-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=T0607302845&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-4

G68
WSW **CA WELLS** **CAEDF0000044638**
1/2 - 1 Mile
Lower

Well ID: T0607302845-IRZ-10 Well Type: MONITORING
Source: EDF Other Name: IRZ-10
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=IRZ-10&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=IRZ-10

G69
WSW **CA WELLS** **CAEDF0000108061**
1/2 - 1 Mile
Lower

Well ID: T0607302845-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=T0607302845&assigned_name=MW-9&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-9

G70
WSW **CA WELLS** **CAEDF0000123827**
1/2 - 1 Mile
Lower

Well ID: T0607302845-MW-11 Well Type: MONITORING
Source: EDF Other Name: MW-11
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-11&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-11

L71
WSW **CA WELLS** **CAEDF0000096030**
1/2 - 1 Mile
Lower

Well ID: T0607302845-WCC-6 Well Type: MONITORING
Source: EDF Other Name: WCC-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=T0607302845&assigned_name=WCC-6&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=WCC-6

G72
WSW **CA WELLS** **CAEDF0000074001**
1/2 - 1 Mile
Lower

Well ID: T0607302845-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=T0607302845&assigned_name=MW-5&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-5

L73
WSW **CA WELLS** **CAEDF0000098403**
1/2 - 1 Mile
Lower

Well ID: T0607302845-MW-103 Well Type: MONITORING
Source: EDF Other Name: MW-103
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-103&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-103

H74
East **CA WELLS** **CAEDF0000132640**
1/2 - 1 Mile
Higher

Well ID: T06019784786-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=T06019784786&assigned_name=MW2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019784786&assigned_name=MW2

H75
ENE **CA WELLS** **CAEDF0000051925**
1/2 - 1 Mile
Higher

Well ID: T06019784786-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=T06019784786&assigned_name=MW3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019784786&assigned_name=MW3

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G76
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000123483**

Well ID:	T0607302845-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=T0607302845&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-15		

L77
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000052418**

Well ID:	T0607302845-EW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	EW-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=T0607302845&assigned_name=EW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=EW-6		

78
NNW
1/2 - 1 Mile
Higher

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	12
Date:	05/29/1987

AQUIFLOW **38459**

L79
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000021210**

Well ID:	T0607302845-MW-102	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-102
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-102&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-102		

I80
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000087945**

Well ID:	SL209154190-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=SL209154190&assigned_name=P-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=P-1

K81
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000014594**

Well ID: SL209154190-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=SL209154190&assigned_name=P-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=P-2

K82
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000083818**

Well ID: SL209154190-D-1 Well Type: MONITORING
Source: EDF Other Name: D-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=SL209154190&assigned_name=D-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=D-1

L83
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000083896**

Well ID: T0607302845-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=T0607302845&assigned_name=MW-14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-14

K84
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123597**

Well ID: SL209154190-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=SL209154190&assigned_name=P-3&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=P-3

K85
NNE **CA WELLS** **CAEDF0000073985**
1/2 - 1 Mile
Higher

Well ID:	SL209154190-D-2	Well Type:	MONITORING
Source:	EDF	Other Name:	D-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=SL209154190&assigned_name=D-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=D-2		

L86
WSW **CA WELLS** **CAEDF0000034438**
1/2 - 1 Mile
Lower

Well ID:	T0607302845-MW-100	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-100
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-100&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-100		

K87
NNE **CA WELLS** **CAEDF0000058982**
1/2 - 1 Mile
Higher

Well ID:	SL209154190-P-6	Well Type:	MONITORING
Source:	EDF	Other Name:	P-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=SL209154190&assigned_name=P-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=P-6		

L88
WSW **CA WELLS** **CAEDF0000129875**
1/2 - 1 Mile
Lower

Well ID:	T0607302845-MW-106	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-106
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-106&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-106		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L89
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069007**

Well ID:	T0607302845-MW-101	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-101
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-101&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-101		

K90
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000075034**

Well ID:	SL209154190-D-4	Well Type:	MONITORING
Source:	EDF	Other Name:	D-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=SL209154190&assigned_name=D-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=D-4		

N91
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000111068**

Well ID:	T06019784786-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=T06019784786&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019784786&assigned_name=MW1		

K92
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000130495**

Well ID:	SL209154190-P-7	Well Type:	MONITORING
Source:	EDF	Other Name:	P-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=SL209154190&assigned_name=P-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=P-7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K93
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000016754**

Well ID:	SL209154190-D-6	Well Type:	MONITORING
Source:	EDF	Other Name:	D-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=SL209154190&assigned_name=D-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=D-6		

K94
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047121**

Well ID:	SL209154190-MPE-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-18		

K95
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000049327**

Well ID:	SL209154190-P-5	Well Type:	MONITORING
Source:	EDF	Other Name:	P-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=SL209154190&assigned_name=P-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=P-5		

N96
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000133977**

Well ID:	T0607300537-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=T0607300537&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=MW-24		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

97
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000010057**

Well ID:	T0607302845-MW-8S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-8S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-8S		

K98
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092076**

Well ID:	SL209154190-MPE-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-17		

K99
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000022897**

Well ID:	SL209154190-MPE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-4		

K100
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104245**

Well ID:	SL209154190-MPE-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-19		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M101
WNW
1/2 - 1 Mile
Higher

Site ID:	9UT0892
Groundwater Flow:	E
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	22.5
Date:	01/11/1989

AQUIFLOW **34147**

K102
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000014808**

Well ID:	SL209154190-MPE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-3		

K103
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000106374**

Well ID:	SL209154190-MPE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-5		

K104
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101568**

Well ID:	SL209154190-MPE-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL209154190&assigned_name=MPE-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K105
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018233**

Well ID:	SL209154190-MPE-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-16		

K106
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000129085**

Well ID:	SL209154190-MPE-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-12		

K107
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000003204**

Well ID:	SL209154190-MPE-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-20		

K108
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137737**

Well ID:	SL209154190-MPE-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K109
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000127259**

Well ID:	SL209154190-MPE-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-1		

K110
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056526**

Well ID:	SL209154190-MPE-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-9		

K111
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000052161**

Well ID:	SL209154190-MPE-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL209154190&assigned_name=MPE-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-11		

K112
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000031287**

Well ID:	SL209154190-W-1	Well Type:	MONITORING
Source:	EDF	Other Name:	W-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=SL209154190&assigned_name=W-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=W-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O113
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000072903**

Well ID:	SL209154190-MPE-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-15		

O114
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000136641**

Well ID:	SL209154190-MPE-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-8		

O115
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000120758**

Well ID:	SL209154190-MPE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-2		

O116
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104682**

Well ID:	SL209154190-MPE-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N117
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000046393**

Well ID:	T0619738267-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=T0619738267&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0619738267&assigned_name=MW-3		

O118
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000040778**

Well ID:	SL209154190-W-2	Well Type:	MONITORING
Source:	EDF	Other Name:	W-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=SL209154190&assigned_name=W-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=W-2		

N119
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000112709**

Well ID:	T0619738267-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=T0619738267&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0619738267&assigned_name=MW-7		

N120
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044012**

Well ID:	T0619738267-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=T0619738267&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0619738267&assigned_name=MW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O121
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000008671**

Well ID:	SL209154190-MPE-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-14		

O122
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018645**

Well ID:	SL209154190-W-3	Well Type:	MONITORING
Source:	EDF	Other Name:	W-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=SL209154190&assigned_name=W-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=W-3		

N123
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000088611**

Well ID:	T0607300537-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=T0607300537&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=MW-21		

N124
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000137513**

Well ID:	T06019781381-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=T06019781381&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T06019781381&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P125
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000055725**

Well ID:	T0607302845-MW-203	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-203
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302845&assigned_name=MW-203&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-203		

P126
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000044677**

Well ID:	T0607302845-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=T0607302845&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302845&assigned_name=MW-7		

O127
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131462**

Well ID:	SL209154190-D-3	Well Type:	MONITORING
Source:	EDF	Other Name:	D-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=SL209154190&assigned_name=D-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=D-3		

N128
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000097978**

Well ID:	T0619738267-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=T0619738267&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0619738267&assigned_name=MW-5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N129
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101157**

Well ID:	T0607300537-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=T0607300537&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=MW-18		

N130
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000048876**

Well ID:	T0619738267-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=T0619738267&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0619738267&assigned_name=MW-2		

N131
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000105647**

Well ID:	T0619738267-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=T0619738267&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0619738267&assigned_name=MW-1		

N132
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000018304**

Well ID:	T0619738267-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=T0619738267&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0619738267&assigned_name=MW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

N133
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128482**

Well ID:	T0607300537-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=T0607300537&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=MW-17		

N134
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000062590**

Well ID:	T0607300537-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=T0607300537&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=MW-23		

Q135
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000069358**

Well ID:	T0607302526-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=T0607302526&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302526&assigned_name=MW6		

O136
NNE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000115238**

Well ID:	SL209154190-MPE-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MPE-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=SL209154190&assigned_name=MPE-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL209154190&assigned_name=MPE-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R137
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082102**

Well ID:	T0607300537-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=T0607300537&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=MW-19		

S138
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000129710**

Well ID:	T0607301979-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=T0607301979&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MW1		

Q139
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110587**

Well ID:	T0607302526-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=T0607302526&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302526&assigned_name=MW3		

S140
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000013350**

Well ID:	T0607301979-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=T0607301979&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MW2		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
O141 **NNE** **1/2 - 1 Mile** **Higher**	Site ID:	Not Reported	**AQUIFLOW**	**34135**
	Groundwater Flow:	S		
	Shallow Water Depth:	6.5		
	Deep Water Depth:	15		
	Average Water Depth:	Not Reported		
	Date:	08/31/1993		

Q142
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000056573**

Well ID:	T0607302526-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=T0607302526&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302526&assigned_name=MW4		

S143
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000110271**

Well ID:	T0607301979-MWA	Well Type:	MONITORING
Source:	EDF	Other Name:	MWA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607301979&assigned_name=MWA&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MWA		

Q144
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000050975**

Well ID:	T0607302526-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=T0607302526&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302526&assigned_name=MW5		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q145
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066785**

Well ID:	T0607302526-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=T0607302526&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302526&assigned_name=MW2		

S146
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000100287**

Well ID:	T0607301979-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=T0607301979&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MW3		

Q147
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060202**

Well ID:	T0607302526-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=T0607302526&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302526&assigned_name=MW1		

S148
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000032174**

Well ID:	T0607301979-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=T0607301979&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MW7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S149
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135476**

Well ID:	T0607301979-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=T0607301979&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MW4		

S150
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000079997**

Well ID:	T0607301979-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=T0607301979&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MW5		

T151
West
1/2 - 1 Mile
Higher

CA WELLS **CAPFAS000000662**

Well ID:	L10006943141-SM-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-2
GAMA PFAS Testing:	Yes		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=L10006943141&assigned_name=SM-2&store_num=		
GeoTracker Data:	Not Reported		

T152
West
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000088952**

Well ID:	L10006943141-SM-2	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-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=L10006943141&assigned_name=SM-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10006943141&assigned_name=SM-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S153
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000117022**

Well ID:	T0607301979-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=T0607301979&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301979&assigned_name=MW6		

R154
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000044405**

Well ID:	T0607300537-B-15	Well Type:	MONITORING
Source:	EDF	Other Name:	B-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=T0607300537&assigned_name=B-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=B-15		

R155
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093226**

Well ID:	T0607300537-B-5R	Well Type:	MONITORING
Source:	EDF	Other Name:	B-5R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607300537&assigned_name=B-5R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607300537&assigned_name=B-5R		

U156
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092805**

Well ID:	T0608106225-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=T0608106225&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-6		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U157
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000135093**

Well ID:	T0608106225-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=T0608106225&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-5		

U158
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042737**

Well ID:	T0608106225-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=T0608106225&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-3		

U159
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000082577**

Well ID:	L10006943141-SM-6	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-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=L10006943141&assigned_name=SM-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10006943141&assigned_name=SM-6		

U160
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000142760**

Well ID:	T0608106225-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106225&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U161
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000092376**

Well ID:	T0608106225-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106225&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-11		

U162
WNW
1/2 - 1 Mile
Higher

AQUIFLOW **38286**

Site ID:	Not Reported
Groundwater Flow:	Not Reported
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	15
Date:	10/07/1988

U163
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093882**

Well ID:	T0608106225-RW1	Well Type:	MONITORING
Source:	EDF	Other Name:	RW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106225&assigned_name=RW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=RW1		

U164
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000108940**

Well ID:	T0608106225-RW2	Well Type:	MONITORING
Source:	EDF	Other Name:	RW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106225&assigned_name=RW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=RW2		

U165
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000076788**

Well ID:	T0608106225-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=T0608106225&assigned_name=MW-12&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-12

U166
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000139298**

Well ID: T0608106225-RW3 Well Type: MONITORING
Source: EDF Other Name: RW3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0608106225&assigned_name=RW3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=RW3

U167
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000020436**

Well ID: T0608106225-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=T0608106225&assigned_name=MW-8&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-8

U168
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000071387**

Well ID: T0608106225-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=T0608106225&assigned_name=MW-7&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-7

U169
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000068737**

Well ID: T0608106225-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=T0608106225&assigned_name=MW-2&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-2

V170
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000038720**

Well ID:	T0607301754-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=T0607301754&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301754&assigned_name=MW-7		

171
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000132195**

Well ID:	L10006943141-SM-1	Well Type:	MONITORING
Source:	EDF	Other Name:	SM-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=L10006943141&assigned_name=SM-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=L10006943141&assigned_name=SM-1		

U172
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000084996**

Well ID:	T0608106225-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=T0608106225&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-9		

U173
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131154**

Well ID:	T0608106225-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=T0608106225&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U174
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000139103**

Well ID:	T0608106225-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=T0608106225&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0608106225&assigned_name=MW-4		

V175
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000127855**

Well ID:	T0607301754-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=T0607301754&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301754&assigned_name=MW-2		

V176
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065860**

Well ID:	T0607301754-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=T0607301754&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301754&assigned_name=MW-6		

W177
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000089438**

Well ID:	T0607302697-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302697&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302697&assigned_name=MW-11		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V178
East
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140349**

Well ID:	T0607301754-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=T0607301754&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301754&assigned_name=MW-3		

V179
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000005624**

Well ID:	T0607301754-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=T0607301754&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301754&assigned_name=MW-1		

X180
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000104772**

Well ID:	T0607399218-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399218&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-11		

X181
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000059124**

Well ID:	T0607399218-HP-4	Well Type:	MONITORING
Source:	EDF	Other Name:	HP-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=T0607399218&assigned_name=HP-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=HP-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V182
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000121692**

Well ID:	T0607301754-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=T0607301754&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301754&assigned_name=MW-5		

W183
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000131445**

Well ID:	T0607302697-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607302697&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302697&assigned_name=MW-10		

X184
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000065903**

Well ID:	T0607399218-HP-5	Well Type:	MONITORING
Source:	EDF	Other Name:	HP-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=T0607399218&assigned_name=HP-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=HP-5		

X185
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000116886**

Well ID:	T0607399218-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0607399218&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-10		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W186
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000095674**

Well ID:	T0607302697-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=T0607302697&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302697&assigned_name=MW-8		

W187
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066948**

Well ID:	T0607302697-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=T0607302697&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302697&assigned_name=MW-9		

V188
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000032775**

Well ID:	T0607301754-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=T0607301754&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607301754&assigned_name=MW-4		

W189
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000122519**

Well ID:	T0607302282-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=T0607302282&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302282&assigned_name=MW-6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W190
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073785**

Well ID:	T0607302697-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=T0607302697&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302697&assigned_name=MW-6		

W191
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000118424**

Well ID:	T0607302282-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=T0607302282&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302282&assigned_name=MW-5		

W192
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063928**

Well ID:	T0607302697-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=T0607302697&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302697&assigned_name=MW-5		

W193
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000133216**

Well ID:	T0607302697-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=T0607302697&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302697&assigned_name=MW-7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W194
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000140369**

Well ID:	T0607302282-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=T0607302282&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607302282&assigned_name=MW-7		

X195
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000042687**

Well ID:	T0607399218-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=T0607399218&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-3		

X196
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000067827**

Well ID:	T0607399218-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=T0607399218&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-6		

X197
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000060762**

Well ID:	T0607399218-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=T0607399218&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

X198
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000053692**

Well ID:	T0607399218-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=T0607399218&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-4		

X199
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000008573**

Well ID:	T0607399218-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=T0607399218&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-1		

200
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000010370**

Well ID:	12S03W16L001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	12S03W16L001S	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=12S03W16L001S&store_num=		
GeoTracker Data:	Not Reported		

Y201
NW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000125713**

Well ID:	T0607399218-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=T0607399218&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
Y202 **NW** **1/2 - 1 Mile** **Higher**			**CA WELLS**	**CAEDF0000096482**
Well ID:	T0607399218-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=T0607399218&assigned_name=MW-9&store_num=			
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0607399218&assigned_name=MW-9			

1G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported S 6.5 15 Not Reported 08/31/1993	**AQUIFLOW**	**34135**

2G **NNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 12 05/29/1987	**AQUIFLOW**	**38459**

3G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported Not Reported Not Reported Not Reported 15 10/07/1988	**AQUIFLOW**	**38286**

4G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9UT0892 E Not Reported Not Reported 22.5 01/11/1989	**AQUIFLOW**	**34147**

5G **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported NE 7.5 15 Not Reported 07/1990	**AQUIFLOW**	**38309**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
6G **ENE** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9UT1516 Not Reported 10 16 Not Reported 02/15/1990	**AQUIFLOW**	**34181**
7G **East** **1/4 - 1/2 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9UT0782 Not Reported Not Reported Not Reported >30 10/09/1987	**AQUIFLOW**	**37970**
8G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	Not Reported E 3 18 Not Reported 07/31/1985	**AQUIFLOW**	**37928**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NNW
1/2 - 1 Mile

OIL_GAS **CAOG14000006684**

API #:	0407300014	Well #:	1
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Lease by Davenport Oil & Gas Development Co.		
Field Name:	Any Field	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
92078	5	0

Federal EPA Radon Zone for SAN DIEGO County: 3

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 Zip Code: 92078

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.800 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
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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APPENDIX D

SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY
RECORD ID #
PLAN CHECK # DEH2017-HHMBP-005033
BP DATE / /

Business Name	Business Contact	Telephone #	
c/o California Mining Co.	Nick Ceko	(760) 533-8795	
Project Address	**City**	**State** / **Zip Code**	**APN#**
1020 W. San Marcos Blvd	San Marcos	CA 92078	219-200-45
Mailing Address	**City**	**State** / **Zip Code**	**Plan File#**
same			
Project Contact	**Applicant E-mail**	**Telephone #**	
Pete DeFry	RMCONSTRUCTION@SBCglobal.NET	(858) 566-4950	

The following questions represent the facility's activities, NOT the specific project description.

PART I: FIRE DEPARTMENT – HAZARDOUS MATERIALS DIVISION: OCCUPANCY CLASSIFICATION: (not required for projects within the City of San Diego): Indicate by circling the item, whether your business will use, process, or store any of the following hazardous materials. If any of the items are circled, applicant must contact the Fire Protection Agency with jurisdiction prior to plan submittal.

Occupancy Rating:

1. Explosive or Blasting Agents
2. Compressed Gases
3. Flammable/Combustible Liquids
4. Flammable Solids
5. Organic Peroxides
6. Oxidizers
7. Pyrophorics
8. Unstable Reactives
9. Water Reactives
10. Cryogenics
11. Highly Toxic or Toxic Materials
12. Radioactives
13. Corrosives
14. Other Health Hazards
15. None of These.

Facility's Square Footage (including proposed project):

PART II: SAN DIEGO COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH – HAZARDOUS MATERIALS DIVISION (HMD): If the answer to any of the questions is yes, applicant must contact the County of San Diego Hazardous Materials Division, 5500 Overland Avenue, Suite 110, San Diego, CA 92123. Call (858) 505-6700 prior to the issuance of a building permit.

FEES ARE REQUIRED Project Completion Date: Expected Date of Occupancy: (for new construction or remodeling projects)

	YES	NO	
1.	☐	☒	Is your business listed on the reverse side of this form? (check all that apply).
2.	☐	☒	Will your business dispose of Hazardous Substances or Medical Waste in any amount?
3.	☐	☒	Will your business store or handle Hazardous Substances in quantities greater than or equal to 55 gallons, 500 pounds and/or 200 cubic feet?
4.	☐	☒	Will your business store or handle carcinogens/reproductive toxins in any quantity?
5.	☐	☒	Will your business use an existing or install an underground storage tank?
6.	☐	☒	Will your business store or handle Regulated Substances (CalARP)?
7.	☐	☒	Will your business use or install a Hazardous Waste Tank System (Title 22, Article 10)?
8.	☐	☒	Will your business store petroleum in tanks or containers at your facility with a total facility storage capacity equal to or greater than 1,320 gallons? (California's Aboveground Petroleum Storage Act).

☐ CalARP Exempt — Date / Initials

☐ CalARP Required — Date / Initials

☐ CalARP Complete — Date / Initials

PART III: SAN DIEGO COUNTY AIR POLLUTION CONTROL DISTRICT (APCD): Any YES* answer requires a stamp from APCD 10124 Old Grove Road, San Diego, CA 92131 apcdcomp@sdcounty.ca.gov (858) 586-2650). [*No stamp required if Q1 Yes and Q3 Yes and Q4-Q6 No]. The following questions are intended to identify the majority of air pollution issues at the planning stage. Projects may require additional measures not identified by these questions. For comprehensive requirements contact APCD. Residences are typically exempt, except - those with more than one building' on the property; single buildings with more than four dwelling units; townhomes; condos; mixed-commercial use; deliberate burns; residences forming part of a larger project. [*Excludes garages & small outbuildings.]

	YES	NO	
1.	☒	☐	Will the project disturb 160 square feet or more of existing building materials?
2.	☐	☒	Will any load supporting structural members be removed? Notification may be required 10 working days prior to commencing demolition.
3.	☒	☐	(ANSWER ONLY IF QUESTION 1 or 2 IS YES) Has an asbestos survey been performed by a Certified Asbestos Consultant or Site Surveillance Technician?
4.	☐	☒	(ANSWER ONLY IF QUESTION 3 IS YES) Based on the survey results, will the project disturb any asbestos containing material? Notification may be required 10 working days prior to commencing asbestos removal.
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6.	☐	☒	(ANSWER ONLY IF QUESTION 5 IS YES) Will the project or associated construction equipment be located within 1,000 feet of a school boundary

Briefly describe business activities: RESTAURANT

Briefly describe proposed project: LIKE/KIND REPAIRS MINOR ELECT./PLUMB/HVAC Drywall/Paint

I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Name of Owner or Authorized Agent: Pete DeFry — Signature of Owner or Authorized Agent — Date

FOR OFFICAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____

BY: _____ DATE: / /

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
COUNTY-HMD	APCD	COUNTY-HMD	APCD	COUNTY-HMD	APCD
REVIEWED J Swanson SIGNATURE 3/16/17 DATE					

COUNTY OF SAN DIEGO

*A stamp in this box only exempts businesses from completing or updating a Hazardous Materials Business Plan. Other permitting requirements may still apply.

SAN DIEGO REGIONAL HAZARDOUS MATERIALS QUESTIONNAIRE

OFFICE USE ONLY
RECORD ID #
PLAN CHECK # DEH2017-HHMBP-005033
BP DATE / /

Business Name	Business Contact	Telephone #	
c/o California Mining Co.	Nick Ceko	(760) 533-8795	
Project Address	**City**	**State** / **Zip Code**	**APN#**
1020 W. San Marcos Blvd	San Marcos	CA 92078	219-200-45
Mailing Address	**City**	**State** / **Zip Code**	**Plan File#**
same			
Project Contact	**Applicant E-mail**	**Telephone #**	
Pete DeFry	RMCONSTRUCTION@SBCglobal.NET	(858) 566-4950	

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5. Organic Peroxides
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7. Pyrophorics
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11. Highly Toxic or Toxic Materials
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Facility's Square Footage (including proposed project):

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I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

Name of Owner or Authorized Agent: Pete DeFry — Signature of Owner or Authorized Agent — Date

FOR OFFICAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____

BY: _____ DATE: / /

EXEMPT OR NO FURTHER INFORMATION REQUIRED		RELEASED FOR BUILDING PERMIT BUT NOT FOR OCCUPANCY		RELEASED FOR OCCUPANCY	
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REVIEWED J Swanson SIGNATURE 3/16/17 DATE					

COUNTY OF SAN DIEGO

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same			
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Pete DeFry	RMCONSTRUCTION@SBCglobal.NET	(858) 566-4950	

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I declare under penalty of perjury that to the best of my knowledge and belief the responses made herein are true and correct.

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FOR OFFICAL USE ONLY:

FIRE DEPARTMENT OCCUPANCY CLASSIFICATION: _____

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REVIEWED J Swanson SIGNATURE 3/16/17 DATE					

COUNTY OF SAN DIEGO

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APPENDIX E

1020-1080 West San Marcos Boulevard

1020 West San Marcos Boulevard

San Marcos, CA 92078

Inquiry Number: 7043715.8

July 06, 2022

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

07/06/22

Site Name:

1020-1080 West San Marcos E
1020 West San Marcos Boulev
San Marcos, CA 92078
EDR Inquiry # 7043715.8

Client Name:

Geocon Env. Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121-0000
Contact: Cole Mikesell

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
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1996	1"=500'	Acquisition Date: January 01, 1996	USGS/DOQQ
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1979	1"=500'	Flight Date: January 27, 1979	EDR Proprietary Landiscor
1970	1"=500'	Flight Date: March 06, 1970	EDR Proprietary Landiscor
1967	1"=500'	Flight Date: May 07, 1967	USGS
1964	1"=500'	Flight Date: April 09, 1964	USDA
1953	1"=500'	Flight Date: April 14, 1953	USDA
1946	1"=500'	Flight Date: December 30, 1946	USGS
1939	1"=500'	Flight Date: April 16, 1939	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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= 500'
N
EDR

INQUIRY #: 7043715.8
YEAR: 2012
= 500'
N
EDR

INQUIRY #: 7043715.8
YEAR: 2009
= 500'
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EDR

INQUIRY #: 7043715.8
YEAR: 2005
= 500'
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EDR

INQUIRY #: 7043715.8
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EDR

INQUIRY #: 7043715.8
YEAR: 1996
= 500'
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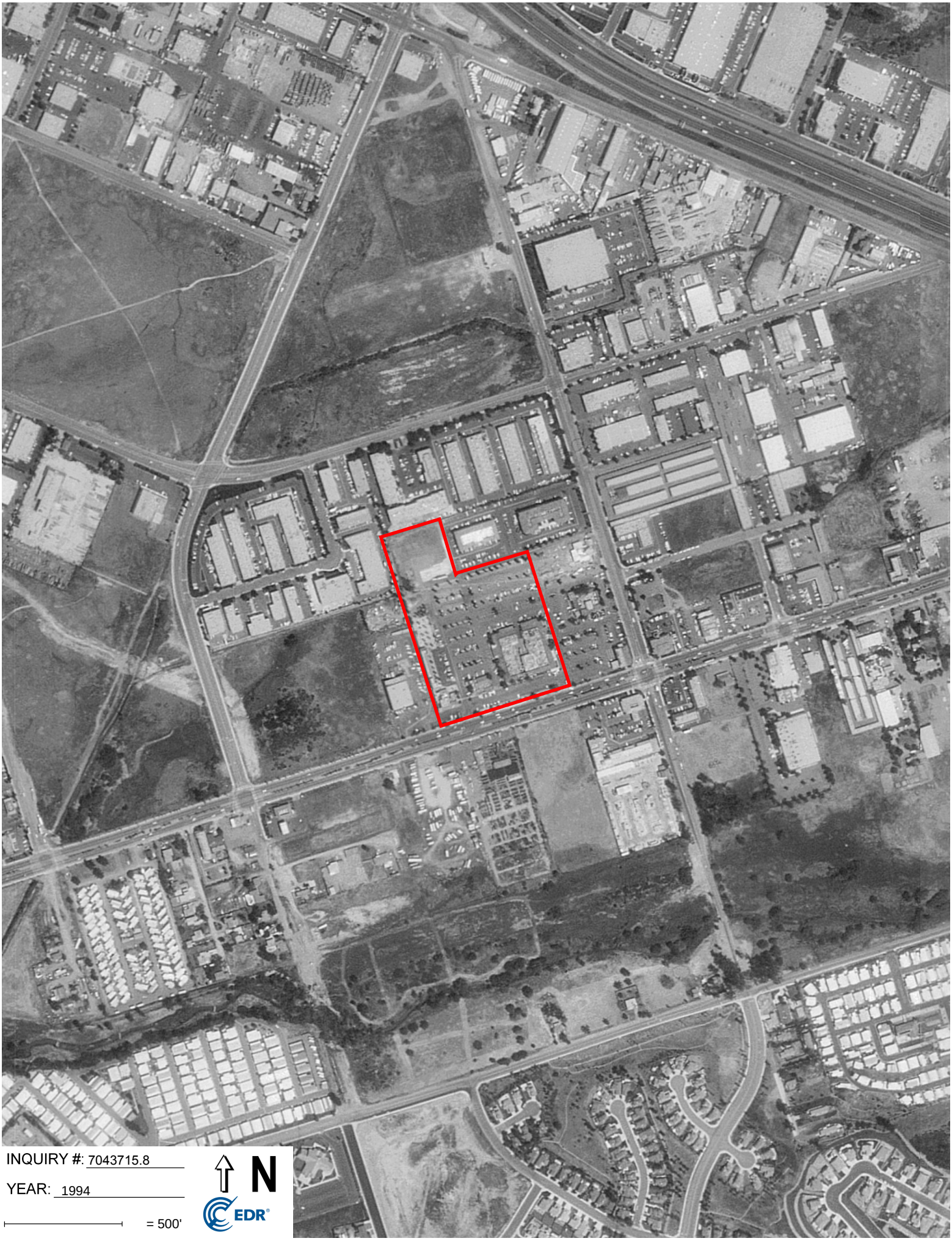
EDR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EDR

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EDR

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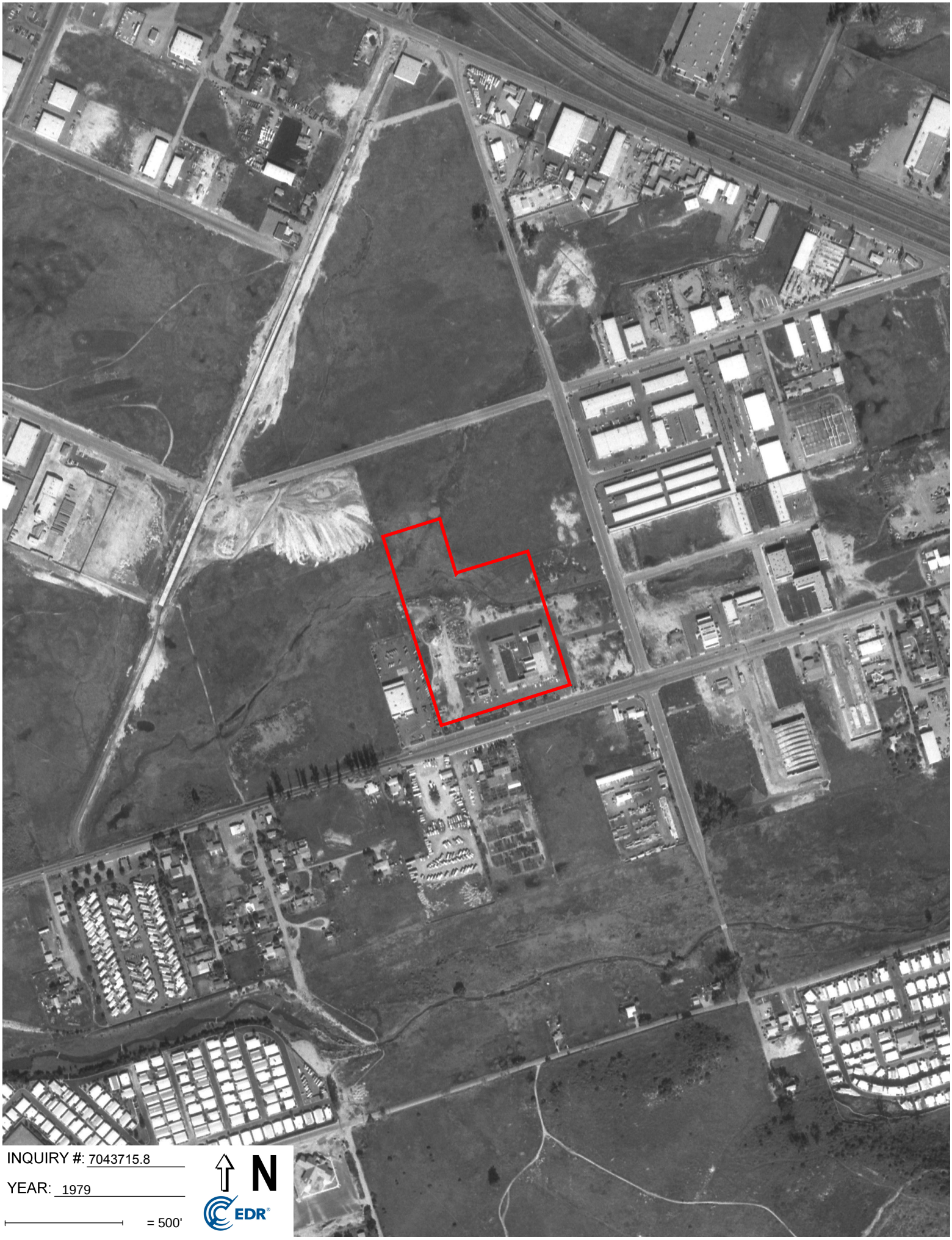
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EDR

INQUIRY #: 7043715.8

YEAR: 1964

= 500'

N

EDR

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YEAR: 1953
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EDR

INQUIRY #: 7043715.8
YEAR: 1946
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EDR

INQUIRY #: 7043715.8

YEAR: 1939

= 500'

N

EDR

APPENDIX F

1020-1080 West San Marcos Boulevard

1020 West San Marcos Boulevard

San Marcos, CA 92078

Inquiry Number: 7043715.4

July 06, 2022

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

07/06/22

Site Name:

1020-1080 West San Marcos E
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San Marcos, CA 92078
EDR Inquiry # 7043715.4

Client Name:

Geocon Env. Consultants, Inc.
6960 Flanders Drive
San Diego, CA 92121-0000
Contact: Cole Mikesell

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Geocon Env. Consultants, 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.# G2487-62-02B

Project: 1020-1080 West San Marcos E

Coordinates:

Latitude:	33.135359 33° 8' 7" North
Longitude:	-117.189926 -117° 11' 24" West
UTM Zone:	Zone 11 North
UTM X Meters:	482285.03
UTM Y Meters:	3666309.07
Elevation:	531.00' above sea level

Maps Provided:

2018	1947
2015	1901
2012	1893
1996	
1983	
1968	
1949	
1948	

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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 OF 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 or forecast 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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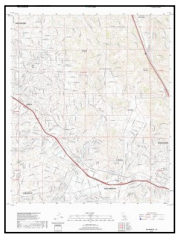
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2018 Source Sheets

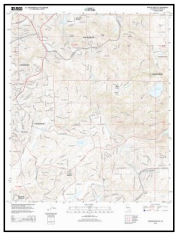


San Marcos
2018
7.5-minute, 24000

Rancho Santa Fe
2018
7.5-minute, 24000

2015 Source Sheets

San Marcos
2015
7.5-minute, 24000



Rancho Santa Fe
2015
7.5-minute, 24000

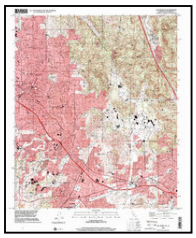
2012 Source Sheets

San Marcos
2012
7.5-minute, 24000

Rancho Santa Fe
2012
7.5-minute, 24000

1996 Source Sheets

Rancho Santa Fe
1996
7.5-minute, 24000
Aerial Photo Revised 1996

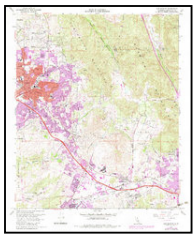


San Marcos
1996
7.5-minute, 24000
Aerial Photo Revised 1996

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1983 Source Sheets



San Marcos
1983
7.5-minute, 24000
Aerial Photo Revised 1980

Rancho Santa Fe
1983
7.5-minute, 24000
Aerial Photo Revised 1980

1968 Source Sheets

Rancho Santa Fe
1968
7.5-minute, 24000
Aerial Photo Revised 1967

San Marcos
1968
7.5-minute, 24000
Aerial Photo Revised 1967

1949 Source Sheets

San Marcos
1949
7.5-minute, 24000
Aerial Photo Revised 1946

Rancho Santa Fe
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1948 Source Sheets

San Marcos
1948
7.5-minute, 24000
Aerial Photo Revised 1946

Rancho Santa Fe
1948
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

ESCONDIDO
1947
15-minute, 50000

1901 Source Sheets

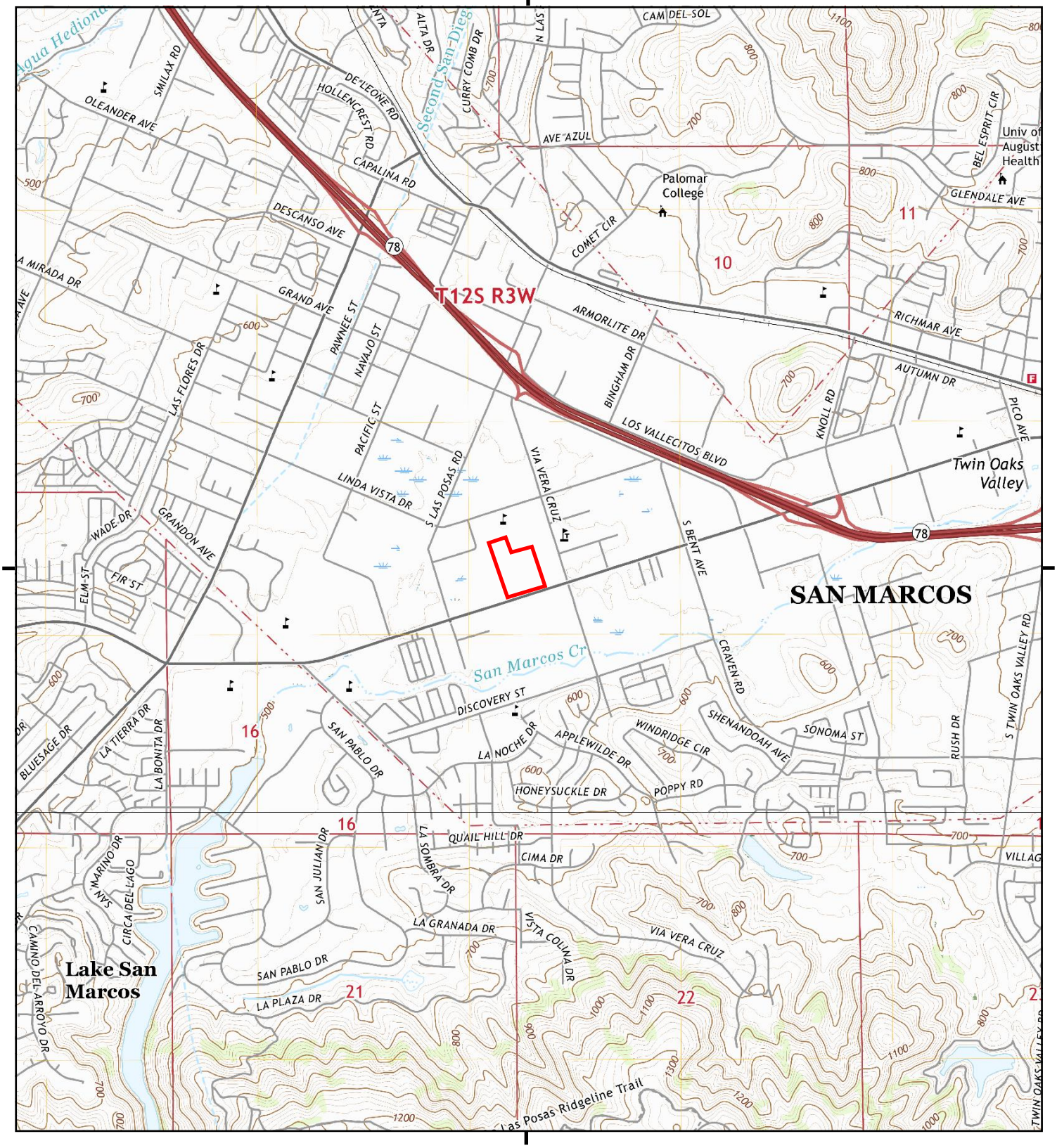
Escondido
1901
15-minute, 62500

1893 Source Sheets

Escondido
1893
15-minute, 62500

Historical Topo Map

2018



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

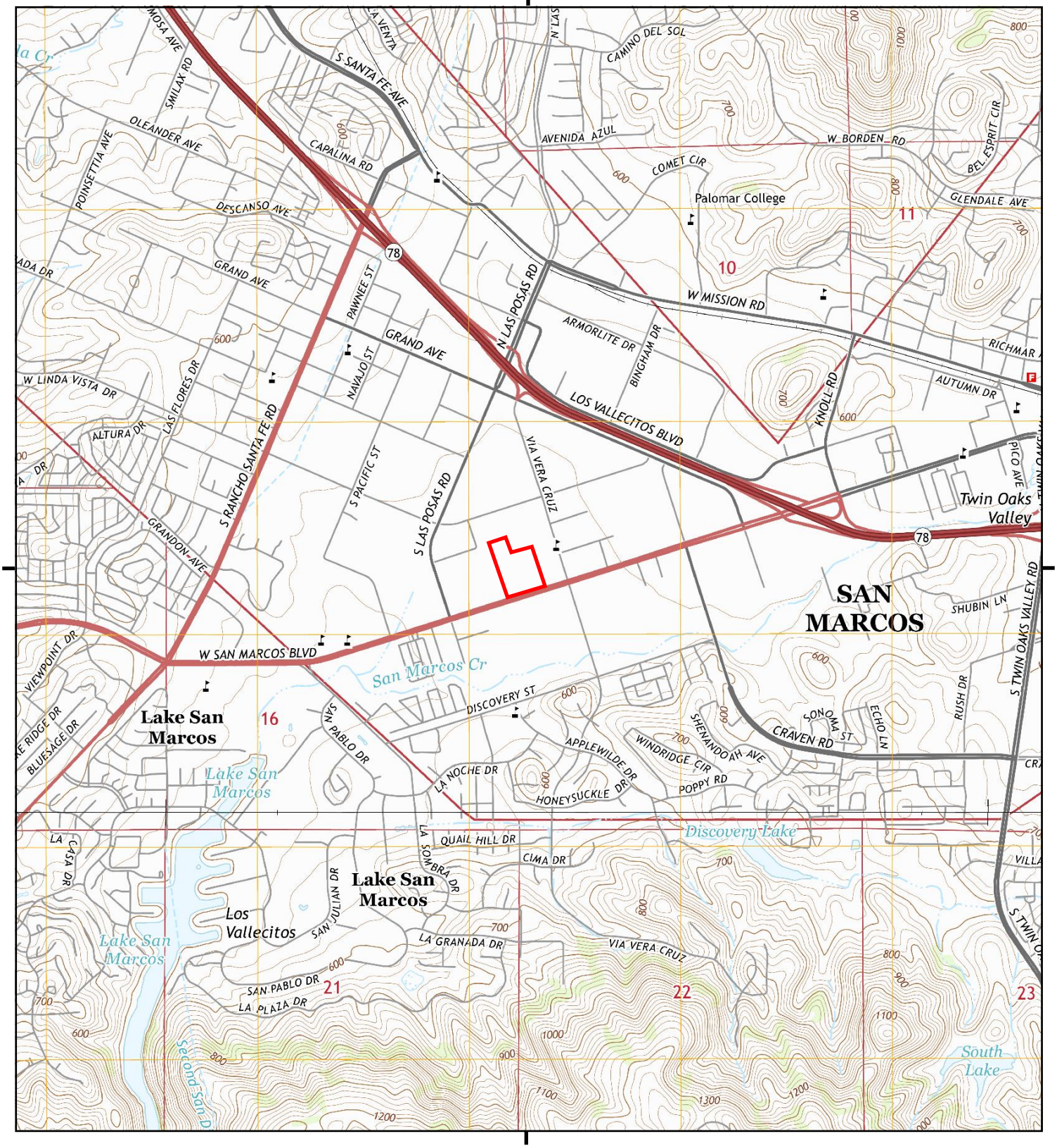
TP, San Marcos, 2018, 7.5-minute
S, Rancho Santa Fe, 2018, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N

Historical Topo Map

2015



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

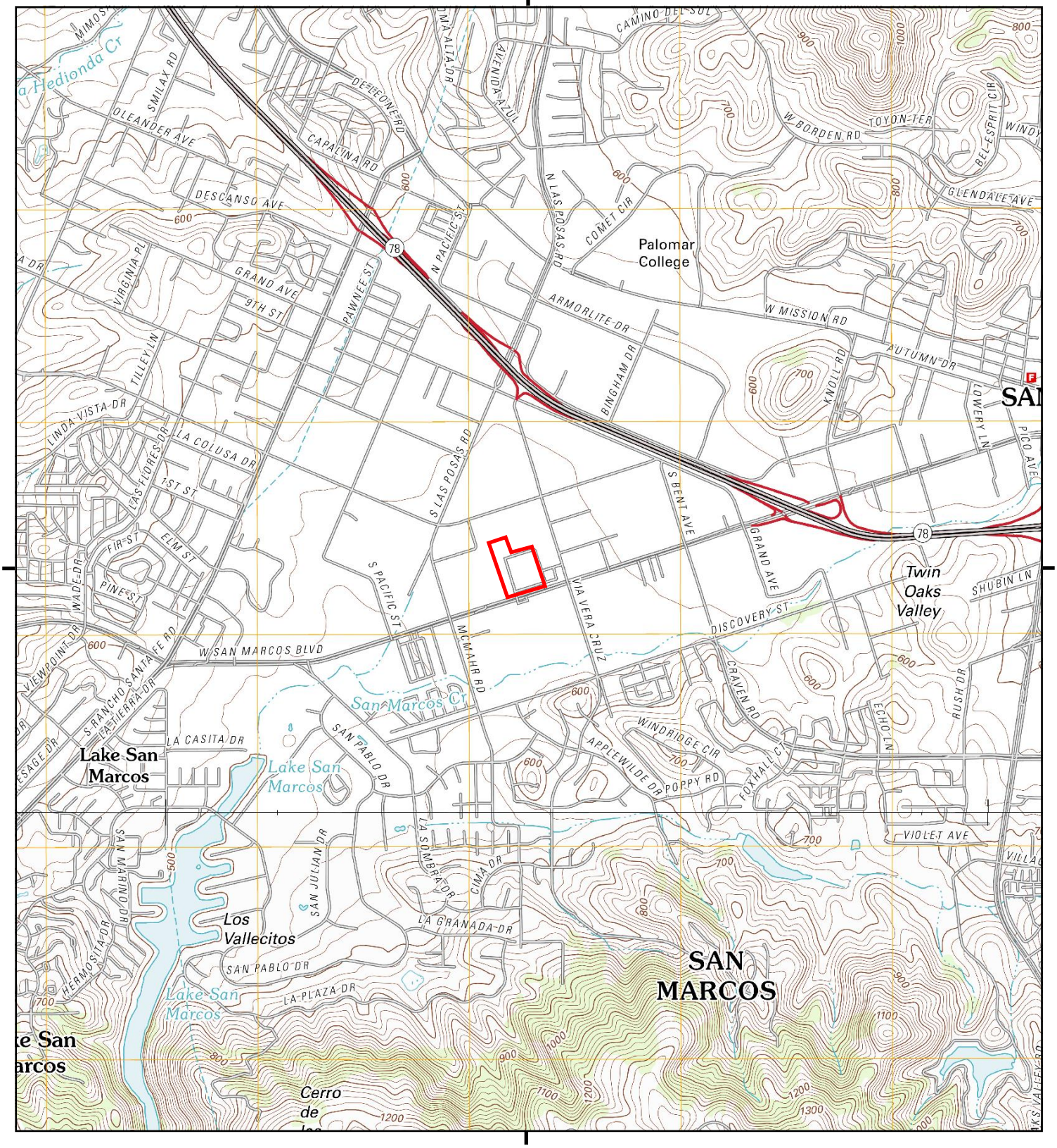
TP, San Marcos, 2015, 7.5-minute
S, Rancho Santa Fe, 2015, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

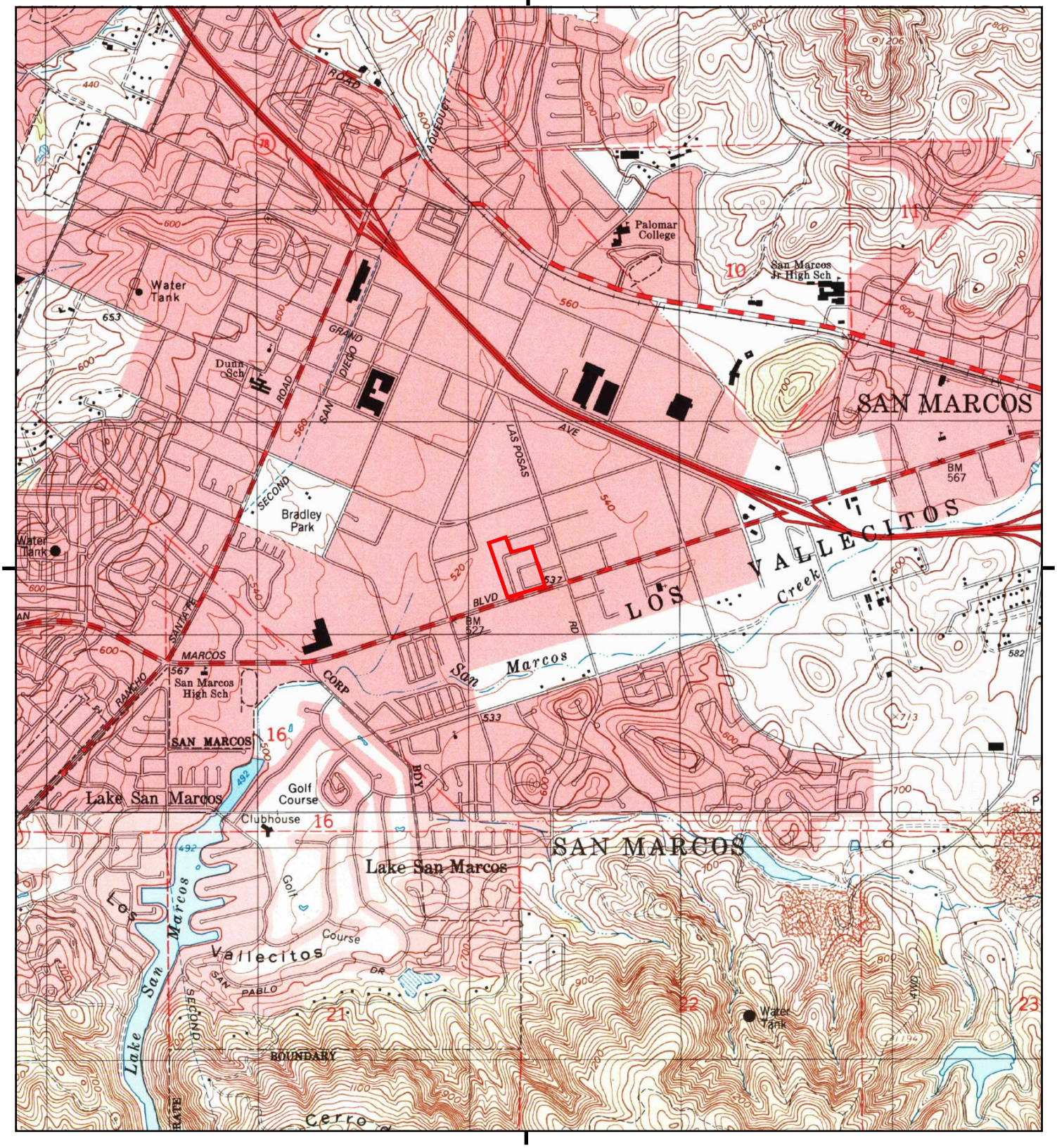
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Marcos, 2012, 7.5-minute
S, Rancho Santa Fe, 2012, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N



This report includes information from the following map sheet(s).

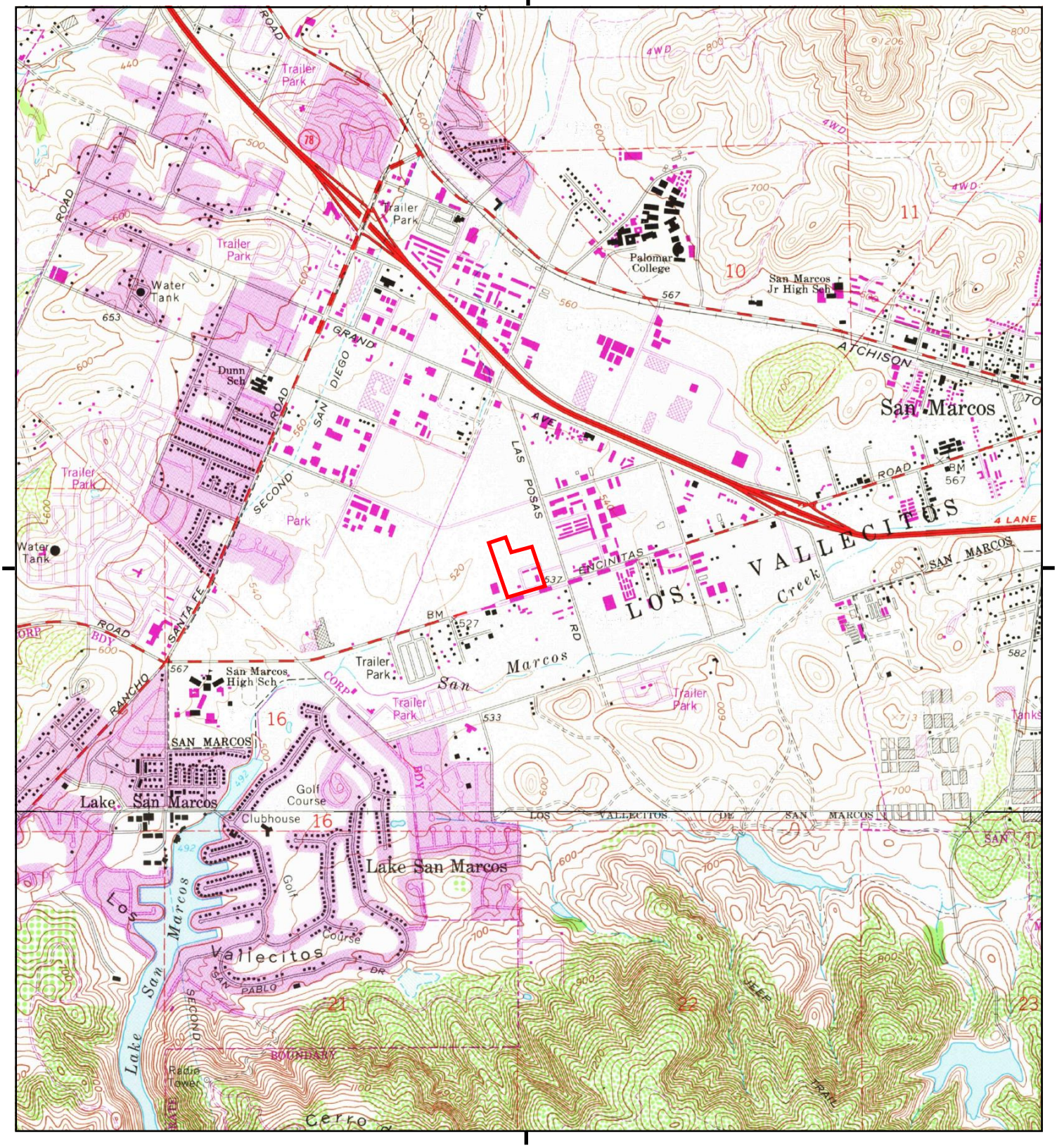
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Marcos, 1996, 7.5-minute
S, Rancho Santa Fe, 1996, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, 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

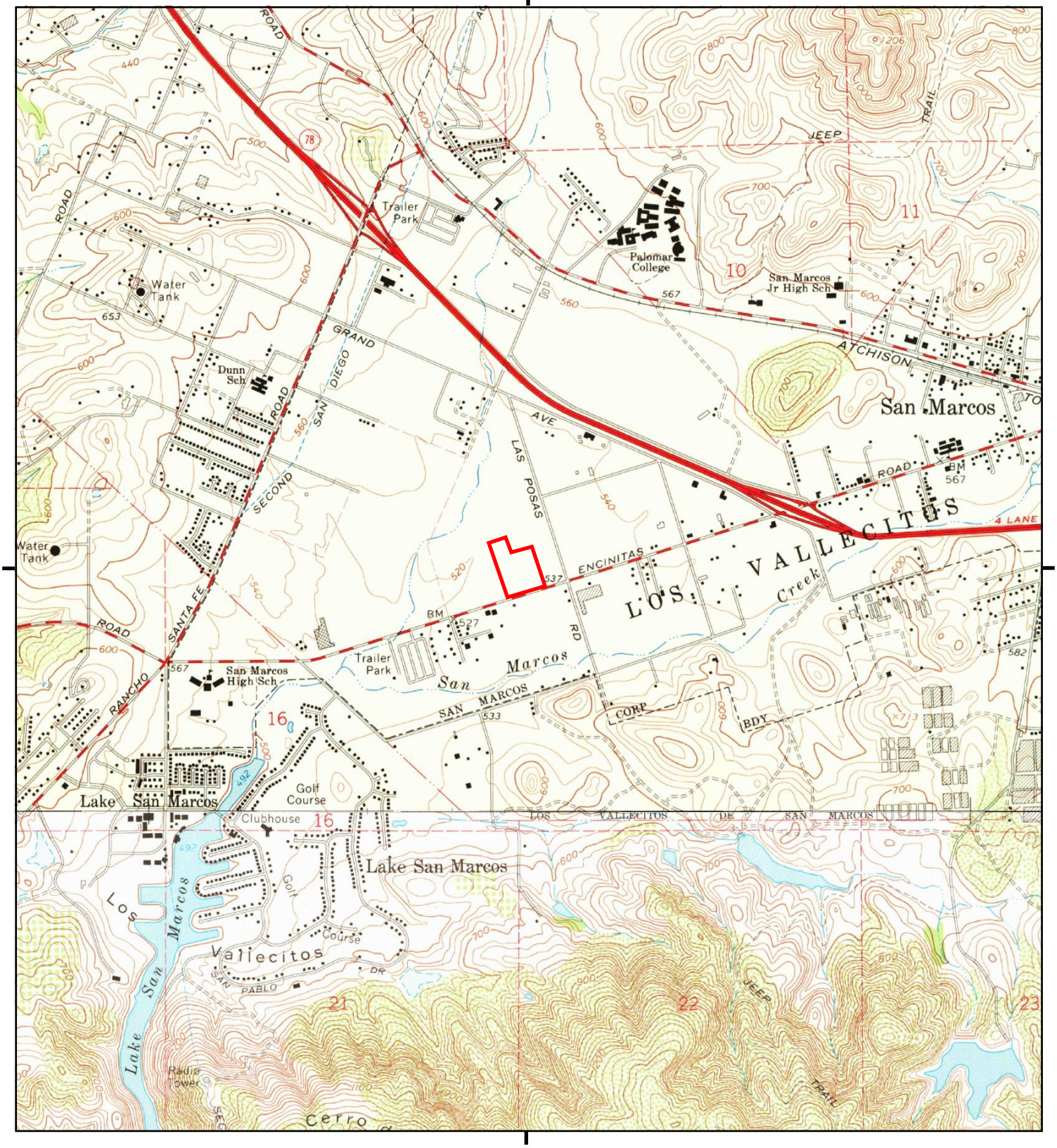
TP, San Marcos, 1983, 7.5-minute
S, Rancho Santa Fe, 1983, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N

Historical Topo Map

1968



This report includes information from the following map sheet(s).

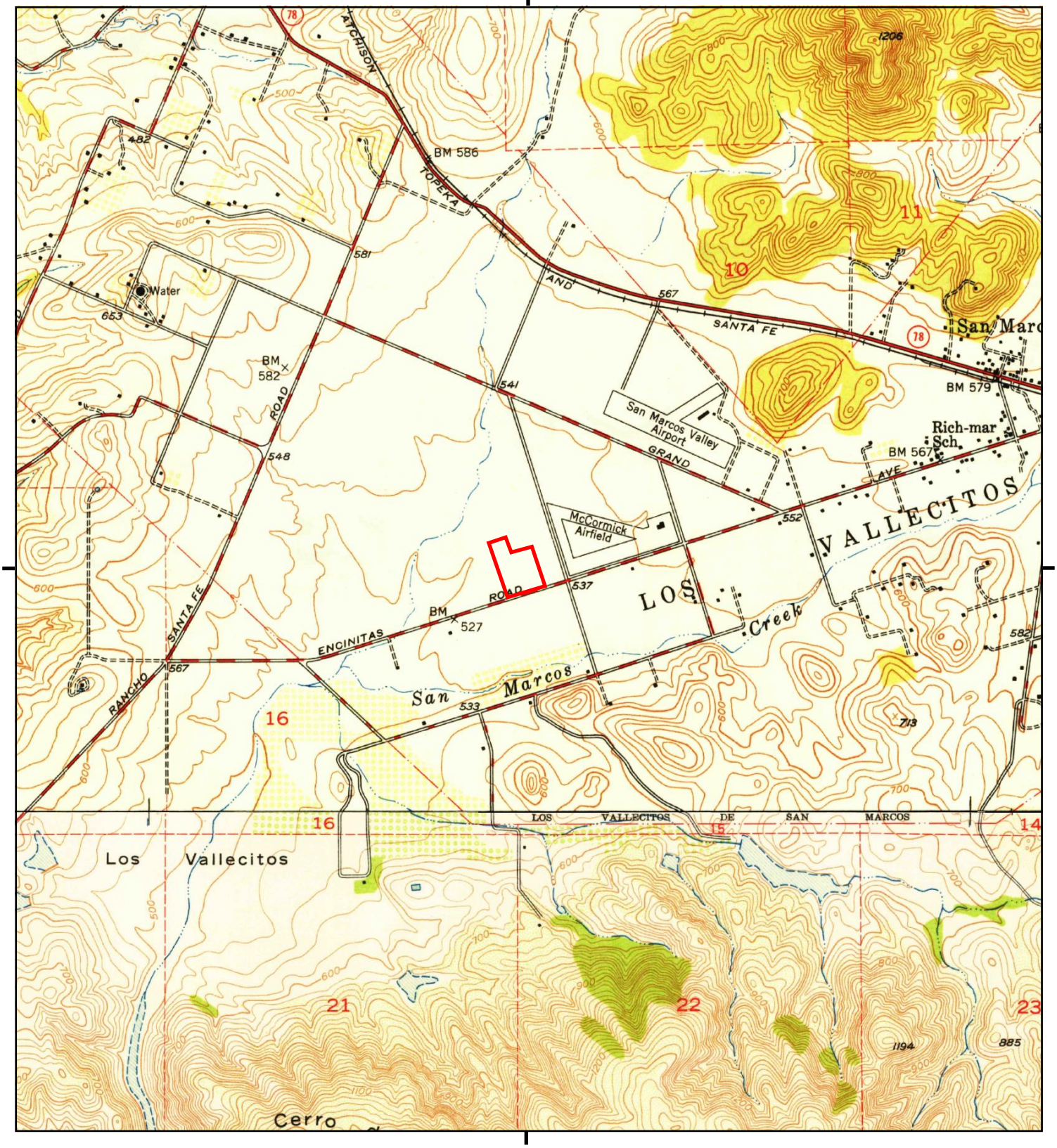
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Marcos, 1968, 7.5-minute
S, Rancho Santa Fe, 1968, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N



This report includes information from the following map sheet(s).

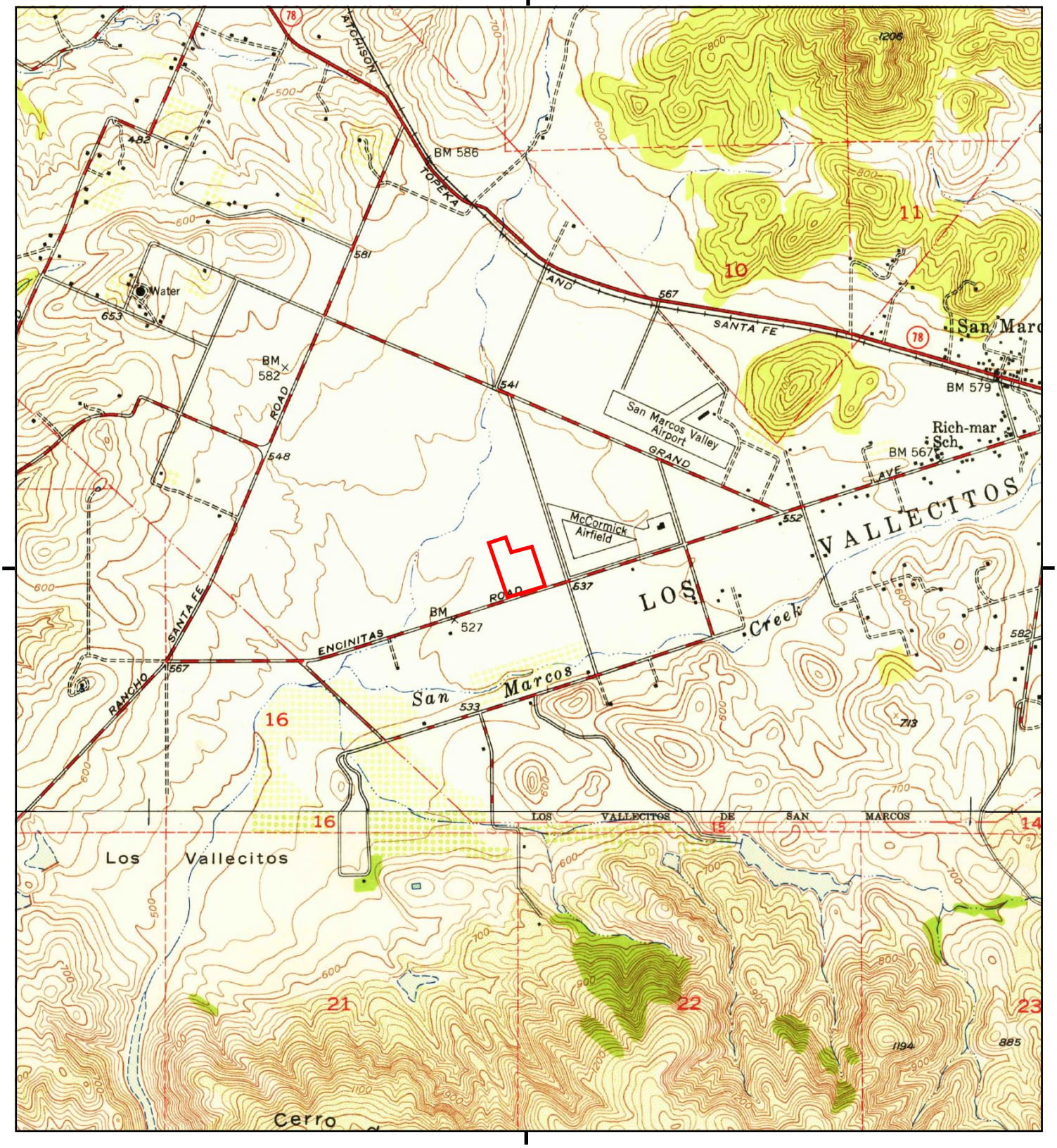
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Marcos, 1949, 7.5-minute
S, Rancho Santa Fe, 1949, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N



This report includes information from the following map sheet(s).

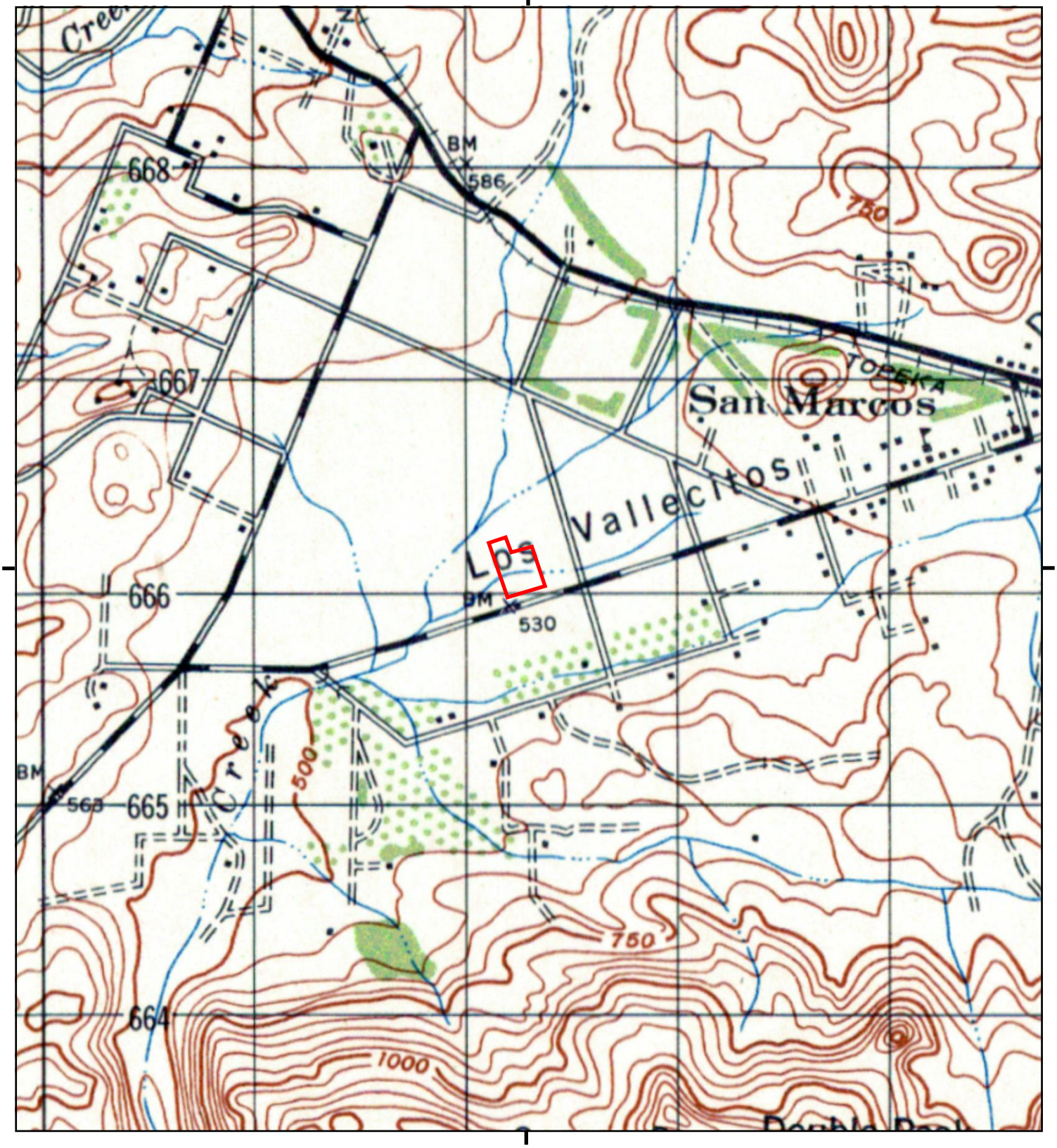
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, San Marcos, 1948, 7.5-minute
S, Rancho Santa Fe, 1948, 7.5-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N



This report includes information from the following map sheet(s).

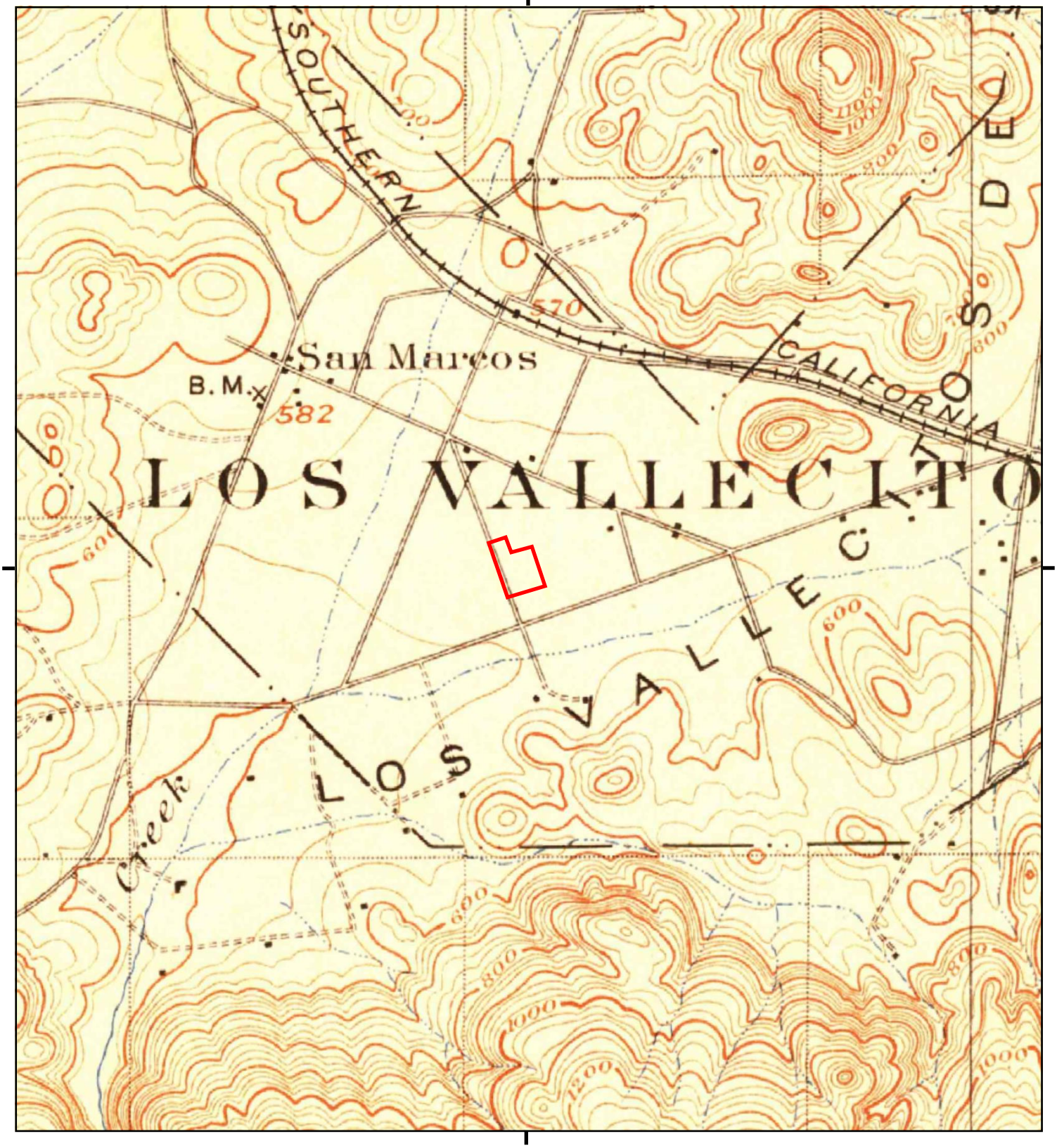
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, ESCONDIDO, 1947, 15-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, 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, Escondido, 1901, 15-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, 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, Escondido, 1893, 15-minute

SITE NAME: 1020-1080 West San Marcos Boulevard
ADDRESS: 1020 West San Marcos Boulevard
San Marcos, CA 92078
CLIENT: Geocon Env. Consultants, Inc.

N

APPENDIX G

1020-1080 West San Marcos Boulevard
1020 West San Marcos Boulevard
San Marcos, CA 92078

Inquiry Number: 7043715.5
July 11, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
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

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report 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 Report includes a search of available city directory data at 5 year intervals.

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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Data by
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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☑	EDR Digital Archive
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1986	☑	☑	Haines Criss-Cross Directory
1982	☑	☑	Haines Criss-Cross Directory
1979	☑	☑	Haines Criss-Cross Directory
1975	☑	☑	Haines Criss-Cross Directory
1971	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

1020 West San Marcos Boulevard
San Marcos, CA 92078

Year	*CD Image*	*Source*	
W SAN MARCOS BLVD			
2017	pg A2	EDR Digital Archive	
2014	pg A6	EDR Digital Archive	
2010	pg A11	EDR Digital Archive	
2005	pg A16	EDR Digital Archive	
2000	pg A22	EDR Digital Archive	
1995	pg A27	EDR Digital Archive	
1992	pg A31	EDR Digital Archive	
1986	pg A35	Haines Criss-Cross Directory	
1982	pg A37	Haines Criss-Cross Directory	
1982	pg A38	Haines Criss-Cross Directory	
1979	pg A40	Haines Criss-Cross Directory	
1979	pg A41	Haines Criss-Cross Directory	
1975	pg A43	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
VIA VERA CRUZ			
2017	pg. A1	EDR Digital Archive	
2014	pg. A5	EDR Digital Archive	
2010	pg. A9	EDR Digital Archive	
2005	pg. A14	EDR Digital Archive	
2000	pg. A20	EDR Digital Archive	
1995	pg. A26	EDR Digital Archive	
1992	pg. A30	EDR Digital Archive	
1986	pg. A34	Haines Criss-Cross Directory	
1982	pg. A36	Haines Criss-Cross Directory	
1979	pg. A39	Haines Criss-Cross Directory	
1975	pg. A42	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VIA VERA CRUZ 2017

207	BRAKE STOP AUTO REPAIR
	UHAUL
237	VERITEK MFG
310	A FRAME OF ART
	AXIOM COMMISSIONING GROUP
	CARMEL VALLEY PEST CONTROL
	DVS MEDICAL SOLUTIONS
	FECK PROPERTY MANAGEMENT
	LAWRENCE KRELL INS
	NEOVERVE INC
	PORCELAIN DESIGN DENTAL LAB
	SD BLINDS & DESIGN
	USD & T INC
	VANDYK MORTGAGE
333	USTORE SAN MARCOS
334	ALBERTO CHAVIRA MD
	CENTER FOR AUTISM & RELATED DISORD
	DANIEL ANAYA INSURANCE SERVICES
	DAVID S BOHLINE PHD
	HEALTH ADVOCATE INSURANCE
	KOPPEL & GRUBER PUBLIC FINANCE
	MISSION HEALTH CARE
	MISSION HOME HEALTH OF SAN DIEGO
	NEXUS STAFFING
	O T ETC INC
338	COMMERCE WEST BANK
	IMPACT SOLUTIONS
	KEYLIK INC
	ONE SOURCE COMPUTER SERVICES
	PEGASUS MARKETING GROUP
	PREMIER HEALTH SERVICES LLC
	PREMIER HEALTHCARE SERVICES INC
	SPROUTS CALIFORNIA PRODUCE
	SPROUTS FARMERS MARKET
	WALTON LAW FIRM
	WINDSOR PROJECT INC
355	ALLIANCE MGMT & INSURANCE SERVICESA
	PALOMAR INSTITUTE OF COSMETOLOGY
1017	DAVIDSON, JIM G

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2017

821	REGINA M ROARK DC
823	CASA ANGELO
825	LEADS RANDALL J DDS
833	GARCIA JOSE DDS
	MARCOS ORTHODOTICS SAN ORTHDNTST
841	STRAIGHT FROM THE HEART RESALE STORE
844	ENTERPRISE
	ENTERPRISE RENTACAR
	HYUGA SUSHI
	MANILA HARBOR RESTAURANT
	NAILS 4 U
	NATIONWIDE REALTY SERVICES INC
	PET CUTS
	PLEATS FINE TAILORING & DRY CLEANING
	PRO CLIP HAIR CUT
	SCRUB MART
	SMOKE SHACK
845	COMPUTER FACTORY
849	JRS BARBER SHOP
853	DIRECT SAT TV
	PHILASIAN MARKET
855	LENS 4 LESS
864	PLANTINUM AUTO & SMOG SERVICE
868	PREMIER AUTO SERVICE
887	CHURCHILLS PUB & GRILLE
902	CHECK CENTER
	JESSES BARBER SHOP
904	1850 REALTY
	ACCENTS
	BETTER BUZZ COFFEE
	CHENS ACUPUNCTURE
	HAIR BY LISA BROWN
	SAN MARCOS CHAMBER OF COMMERCE
	SAN MARCOS CHIROPRACTIC & HEALTH R
	WAYNE ZYCH
907	SAN MARCOS PUBLIC STORAGE
	UHAUL
910	ACCLAIM LAW GROUP
	ALLURE TOTAL MANAGEMENT INC
	ENVISAGE RADIO GROUP LLC
	HEARING HEALTH CARE OF SAN MARCOS
	JOSEPH PETRUCELLI LAW GROUP
	LIROJE NOTARY & TAX SERVICE
	MARSTON RESIDENTIAL APPRAISAL
	MB ORGANICS
	MERIDIAN PACIFIC PROPERTIES
	RAHIM, SHABNAM
	W GREGORY HALL MA CCC A FAAA
920	HEALTH ADVOCATES INSURANCE SERVICES
	UPAC POSITIVE SOLUTIONS PROGRAM

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2017 (Cont'd)

925	BACK ALLEY GRILL
	DOGTOPIA
933	OXFORD TUTORING
935	CENTURY 21
	MVP TAX SERVICES LLC
	OXFORD TUTORING
	SAN MARCOS PHYSICAL THERAPY & HAND
940	EMILYS NAIS & SPA
	GARY DR
	GARY LEWKOVICH DC
	JASON EDWARDS DC
	LEWKOVICH, GARY
	PET CUTS
	SOMEGUYS WIRLESS
945	AMF EAGLE LANES
	BOWLERS DEPOT SAN MARCOS
950	CHENS ACUPUNCTURE
	JC NAIL & SPA
	MAMA KATS RESTAURANT & PIE SHOP
960	ADRIATIC DENTAL
	GOTHIC LANDSCAPE
	M & M ESCROW COMPANY
	RELIANT HEALTH SERVICE
	VALENTINA OBRADOVIC DDS
	WEST COAST SMILES
	WISSLER FINANCIAL
978	CALIFORNIA BANK & TRUST
	FASTEST GARAGE DOOR REPAIR SAN
997	ANNIE CLEANER
	DISCOVERY VALLEY ANIMAL HOSPITAL
	EFOOD STORE
	FASHION NAILS
	GREATER CUTS
	LEE YOUNG DVM
	LEE, BYUNG B
	PETROVA, NATALIA
	SUBMARINA CALIFORNIA SUBS
1000	SAN MARCOS ALL SEASONS GARAGE DOOR R
	WELLS FARGO BANK
1001	ALCHEMY HAIR STUDIO
	CLASSY HAIR NAILS & SPA
	FARMERS INSURANCE
	FILIPINO DEPOT
	FLAWLESS FACE & BODY
	KUMON LEARNING CENTER
	PENNY LANE PUB & GRILL
	PHONG PHAM AGENT STATE FARM INSURA
	RAMONA LUMBER
	RANCHO SANTA FE THRIFT & LOAN ASSOCI
	RAY & RAY INSURANCE SERVICES INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2017 (Cont'd)

1001	SARIKA THAI KITCHEN
	STATE FARM INSURANCE
	YARNING FOR YOU
1003	I TAN
	TOWNE JEWELERS SHOPPE
1010	BUFFALO WILD WINGS GRILL & BAR
1019	GREEN THUMB NURSERY
1020	55 YARD LINE
	55 YARD LINE SPORTS BAR & GRILL
	ACAPULCO MEXICAN RESTAURANT Y CANTIN
	CHINA WOKERY
	COCINA DEL CHARRO
	FRATELLIS
	IHOP
	INDIA PRINCESS
	KATSU SEAFOOD & STEAK HOUSE
	KING & I OF SAN MARCOS
	OLD CALIFORNIA MINING COMPANY
	SUBLIME ALE HOUSE
1032	CANAPES
1080	SAN MARCOS BREWERY & GRILL
1158	COLD STONE CREAMERY
	MIKES PIZZERIA
	POKE WAII
	RUBIOS
1180	EDWARDS SAN MARCOS STADIUM CINEMA
	FREEWAY INSURANCE
1187	AMPM
1200	CHEVRON
1205	TOMS FAMILY RESTAURANT
1217	7607611166 ALT PLUMBING
	ALT PLUMBING
1223	EXPRESS TIRE
	GOODYEAR EXPRESS TIRE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VIA VERA CRUZ 2014

207	BRAKE STOP AUTO REPAIR
	UHAUL
237	AMISTAR AUTOMATION
	VERITEK MANUFACTURING SERVICES LLC
	VERITEK MFG
310	COFFEE SUPPLY INC COM
	CTA ARCHITECTS INC
	FECK PROPERTY MANAGEMENT
	KRELL LAWRENCE
	KUMON LEARNING CENTER
	NEOVERVE INC
	PORCELAIN DESIGNS DENTAL LAB
	SD BLINDS & DESIGN
	VANDYK MORTGAGE
333	U STORE SAN MARCOS
334	BOHLINE DAVID S PHD
	CENTER FOR AUTISM & RELATED DISORD
	CHAVIRA ALBERTO MD
	CHAVIRA, ALBERTO
	DANIEL ANAYA INSURANCE SERVICES
	HEALTH ADVOCATE INSURANCE
	KOPPEL & GRUBER PUBLIC FINANCE
	NEXUS STAFFING
338	COBB STEES & CO LLP SAN MARCOS
	COMMERCE WEST BANK
	IMPACT SOLUTIONS
	ONE SOURCE COMPUTER SERVICES
	PADGETT BUSINESS SERVICES
	PEGASUS MARKETING GROUP
	PQS LAW
	PREMIER HEALTH SERVICES LLC
	SPROUTS CALIFORNIA PRODUCE
	SPROUTS FARMERS MARKET
	WALTON LAW FIRM
	ZJR LLC
355	ALLIANCE MGMT & INSURANCE SERVICESA
	PALOMAR INSTITUTE OF COSMETOLOGY
360	LITTLE VERA CRUZ MEXICAN FAST FOOD &
	OLD CALIFORNIA RESTAURANT ROW & MARK
	VERA CRUZ FISH HOUSE
1017	DAVIDSON, JIM G

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2014

821	ROARK REGINA M DC
823	CASA ANGELO
825	LEADS RANDALL J DDS
833	SAN MARCOS ORTHODONTICS
841	STRAIGHT FROM THE HEART RESALE STORE
844	ENTERPRISE
	HYUGA SUSHI
	MANILA HARBOR RESTAURANT
	NAILS 4 U
	NATIONWIDE REALTY SERVICES INC
	PET CUTS
	PLEATS FINE TAILORING & DRY CLEANING
	PRO CLIP HAIR CUT
	SCRUB MART SAN MARCOS
	SMOKE SHACK
845	COMPUTER FACTORY
849	JRS BARBER SHOP
853	DIRECT SAT TV
	PHIL ASIAN MARKET
855	LENS 4 LESS
857	SALOMON, TERESA
864	PLATINUM AUTO & SMOG SERVICE
867	GILANI, SAYED S
868	PREMIER AUTO SERVICE
887	CHURCHILLS PUB & GRILLE
902	CHECK CENTER
	JESSES BARBER SHOP
904	ACCENTS
	HAIR BY LISA BROWN
	LIEBERT CORP
	R B MARSHALLS CPA
	SAN MARCOS CHAMBER OF COMMERCE
	SAN MARCOS CHIROPRACTIC & HEALTH R
	WAYNE ZYCH STATE FARM INSURANCE AG
	ZYCH J WAYNE
907	SAN MARCOS PUBLIC STORAGE
	UHAUL
910	BRUNO, FRANK J
	CAMBRIDGE TAX SOLUTIONS LLC
	CLEARLY UNIQUE
	HALL W GREGORY MA CCCA FAAA
	HALL, W G
	HEARING HEALTH CARE OF SAN MARCOS
	JOSEPH PETRUCELLI LAW GROUP
	LIROJE NOTARY & TAX SERVICE
	RAHIM, SHABNAM
	REALTY SUCCESS GROUP
	THE BIZ NUZ COM
920	HEALTH ADVOCATES INSURANCE SERVICES
	HILSE, SUSANNE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2014 (Cont'd)

920	UPAC POSITIVE SOLUTIONS PROGRAM
925	BACK ALLEY GRILL
	DOGTOPIA
933	OXFORD TUTORING
935	MVP TAX SERVICES LLC
	SAN MARCOS PHYSICAL THERAPY & HAND
940	EDWARDS JASON DC
	EMILYS NAILS & SPA
	GARY DR
	LATINOS BEAUTY SALON
	LEW, GARY
	LEWKOVICH GARY DC
	SOMEGUYS WIRLESS
945	AMF EAGLE LANES
	BOWLERS DEPOT SAN MARCOS
950	CHENS ACUPUNCTURE
	MAMA KATS RESTAURANT & PIE SHOP
960	ADRIATIC DENTAL
	D & C LDA HELP
	GOTHIC LANDSCAPE
	LAW OFFICE OF DANIEL LAGUNA
	M & M ESCROW COMPANY
	MCB FINANCIAL GROUP
978	CALIFORNIA BANK & TRUST
	FASTEST GARAGE DOOR REPAIR SAN MARCO
997	ANNIE CLEANER
	DENTAL CENTER
	E FOOD STORE
	FASHION NAILS
	GREATER CUTS
	J SCOTT HAZELRIGG ALLSTATE INSURA
	SUBMARINA SUBS & SANDWICHES
1000	SAN MARCOS ALL SEASONS GARAGE DOOR R
	WELLS FARGO
	WELLS FARGO BANK
1001	ALCHEMY HAIR STUDIO
	CLASSY HAIR NAILS & SPA
	FARMERS INSURANCE GROUP
	FLAWLESS FACE & BODY
	PENNY LANE PUB & GRILL
	PHONG PHAM STATE FARM INSURANCE AG
	PHONG PHAM INSURANCE AGENCY
	RAMONA LUMBER
	RANCHO SANTA FE THRIFT & LOAN
	RAY & RAY INSURANCE SERVICES INC
	SARIKA THAI KITCHEN
	SIMPLE TRIBUTE FUNERAL & CREMATION
	TENORIO, CARLOS
	YARNING FOR YOU
1003	I TAN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2014 (Cont'd)

1003	SAN MARCOS TOWNE JEWELERS SHOPPE
1019	GREEN THUMB NURSERY
1020	55 YARD LINE SPORTS BAR
	ACAPULCO MEXICAN RESTAURANT Y CANTIN
	CHINA WOKERY
	COCINA DEL CHARRO
	FRATELLIS
	IHOP
	INDIA PRINCESS
	KATSU SEAFOOD & STEAK HOUSE
	KING & I OF SAN MARCOS
	OLD CALIFORNIA MINING COMPANY
	OLD CALIFORNIA RESTAURANT ROW MARKET
	SKEEN, DIANA
	SUBLIME ALE HOUSE
	TONY ROMAS
1032	SHANGHAI COUTURE
1080	OLD CALIFORNIA COFFEE HOUSE & EATERY
	SAN MARCOS BREWERY & GRILL
1099	NORTH COUNTY WINE COMPANY
1101	JAX SCAFFOLD SYSTEMS LLC
1158	CAPRIOTTIS SANDWICH SHOP
	COLD STONE CREAMERY
	MASSACHUSETTS MIKES PIZZARIA
	MIKES PIZZERIA
	RUBIOS
1180	EDWARDS THEATERS SAN MARCOS STADIUM
1200	CHEVRON
	CHEVRON STATION EXTRA MILE SAN MARCO
1205	TOMS NUMBER 22 FAMILY RESTAURANT
1217	ALT PLUMBING
1223	EXPRESS TIRE
	GOODYEAR SERVICE DEALER

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VIA VERA CRUZ 2010

237	DISTRIBUTED DELIVERY NETWORKS
	ONCORE
	RXSAFE LLC
	VERITEK MANUFACTURING
310	AMERICAN DRIVING SCHOOL
	CALCO WEST FINANCIAL CORP
	COFFEESUPPLYINCCOM
	CREATIVE ELECTRON INC
	CTA ARCHITECTS INC
	FARMERS INSURANCE GROUP
	FECK PROPERTY MANAGEMENT
	GARIAN
	KUMON MATH & READING CTR
	MDI STAFFING
	NEO VERVE INC
	NETWORK CO OF CALIFORNIA
	NEW HOPE CHARITABLE FOUNDATION
	PORCELAIN DESIGNS DENTAL LAB
	PRESTIGE REALTORS INC
	RUSS, W
	STUDY HALL
	TRIANGLE COMMUNICATIONS
314	FARMERS INSURANCE GROUP
333	SAN MARCOS USTORE
334	AADVOCATES INSURANCE
	BOARD OF EQUALIZATION
	BOHLINE DAVID S PHD
	CALIFORNIA ALCOHOLIC BEVERAGE
	CORNERSTONE LEARNING TECH INC
	COUNTY CLERK
	COUNTY MARRIAGE LICENSES
	DARIUS KHAYAT A PRO LAW CORP
	EQUALIZATION BOARD
	HEALTH ADVOCATE INSURANCE
	KHAYAT, DARIUS
	KOPPEL & GRUBER PUBLIC FINANCE
	LINX CORP
	NEXUS STAFFING
	SAN DIEGO & FINANCIAL SVC CO
	SAN DIEGO AGRICULUTREWEIGHTS
	SAN DIEGO FICTITIOUS BUSINESS
	SAN DIEGO RECORDERCOUNTY CLRK
	TAX DEPT
338	COBB STEES & CO LLP
	COMMERCE WEST BANK
	IMPACT SOLUTIONS
	ONE SOURCE COMPUTER SVC
	PEGASUS MARKETING GROUP
	SAN DIEGO CNTY BUILDING PRMTS
	SAN DIEGO COUNTY ZONING DEPT

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VIA VERA CRUZ 2010 (Cont'd)

338 SPROUTS FARMERS MKT PRODUCE
ZJR LLC
355 ALLIANCE MANAGEMENT & INS SVC
PALOMAR INSTITUTECOSMETOLOGY
360 FISH HOUSE VERA CRUZ
OLD CALIFORNIA RSTRNT ROWMKT
430 ESCONDIDO ROOF TRUSS CO
987 ABA SAN MARCOS CAB

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2010

821	ROARK REGINA M DC
823	CASA ANGELO
825	LEADS RANDALL J DDS
833	ZARNOWITZ MICHAEL R DDS
841	STRAIGHT FROM THE HEART RESALE
844	BHARAT BAZAR
	ENTERPRISE RENTACAR
	HYUGA SUSHI
	MANILA HARBOR
	NAILS 4 YOU
	PLEATS FINE TAILORING & DRY CL
	PRO CLIP HAIR CUT
	SCRUB MART
845	COMPUTER FACTORY
849	ROCKEN PAINTBALL
853	PHILASIAN MARKET
855	LENS 4 LESS
857	SALOMON, TERESA
864	PLATINUM AUTO & SMOG SVC
868	PREMIER AUTO SVC
887	CHURCHILLS PUB & GRILLE
900	OBRADOVIC, VALENTINA
902	CHECK CENTER
	JESSES BARBER SHOP
904	ACCENTS HAIR STUDIO
	DESIGNS BY LENI
	FIREST CAPITAL
	FIRST CAPITAL MORTGAGE SVC
	LIEBERT CORP
	MARSHALL R B CPA
	REALTY EXPERTS
	SAN MARCOS CHIRO & HEALTH RHB
	SGL INSURANCE SVC
	STATE FARM INSURANCE
	UNION PACIFIC PROPERTIES
907	SAN MARCOS PUBLIC STORAGE
	UHAUL CO
910	ACTION RESEARCH INC
	BIZNUZCOM
	BRUNO FRANK J CPA
	BRUNO, FRANK
	CAMBRIDGE TAX SOLUTIONS LLC
	HEARING HEALTH CARE
	JOSEPH PETRUCELLI LAW GROUP
	LIROJE NOTARY & TAX SVC
	LUJAN GROUP
	MILANO, MICHAEL
	PERFECTO LOANS
	SIRA INC
920	CARMEL VALLEY PEST CONTROL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2010 (Cont'd)

920	HILSE, SUSANNE
	M B ORGANICS
	ORGANICS SOLUTION
925	BACK ALLEY GRILL
	DOGTOPIA OF SAN MARCOS
935	COMMUNITY CATALYSTSCALIFORNIA
	CRIMSON CENTER FOR SPEECH
	ENTERPRISE SATELLITE SOLUTIONS
	MVP TAX SVC
	SAN MARCOS PHYSICAL THERAPY
940	DOCTOR GARY
	PET CUTS
	SALON BELLEZZA
	TONYS BARBERSHOP
	WELLNESS CHIROPRACTIC
945	AMF EAGLE LANES
	BOWLERS DEPOT SAN MARCOS
950	ALL SEASON NAILS
	CHINS ACUPUNCTURE & HERBS
	GRANPA ALLENS RESTAURANT
	MAJOR DEVELOPMENT INC
	NAIL TEKZ
960	ADRIATIC DENTAL
	LIFETIME FINANCIAL
	M & M ESCROW CO
	MC BRIDE DENTAL
	MCB FINANCIAL GROUP
	MISSION HOME LOANS INC
	NEW VISTA REALTY
	OCEAN POINT LENDING INC
	SMART DENTAL
978	CALIFORNIA BANK & TRUST
997	ALLSTATE INSURANCE CO
	AMERICAN SURVEILLANCE & SCRTY
	ANNIE CLEANER
	CIRCLE K
	CURVES
	DISCOVERY VALLEY ANIMAL HOSP
	E FOOD STORE
	FASHION NAILS
	GREATER CUTS
	HEALTH & BEAUTY DENTAL CTR
	HELLO PIZZA
	SPY & SECURITY SHOP
	SUBMARINA SUBS & SANDWICHES
1000	WELLS FARGO BANK
1001	AGUA MARINA IMPORTS CORP
	AMERICAN CAPITAL HOME LOANS
	AMPAROS FOREIGN EXCHANGE INC
	CLASSY HAIR NAILS & SPA

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2010 (Cont'd)

1001	FARMERS INSURANCE GROUP
	FILIPINO DEPOT
	LINDBLOM PHIL
	PENNY LANE PUB & GRILL
	SAN MARCOS SMILES STUDIO
	SARIKA THAI KITCHEN
	YARNING FOR YOU
1003	TAN AT THE ISLANDS
	TOWNE JEWELERS SAN MARCOS
1019	GREEN THUMB NURSERY
	SUPER GARDEN CTR INC
1020	ACAPULCO MEXICAN RESTAURANT
	BRUNOS ITALIAN RESTAURANT
	CHARRO FOODS INC
	CHINA WOKERY
	COCINA DEL CHARRO
	FIFTY FIVE YARDLINE
	INDIA PRINCESS RESTAURANT
	KATSU SEAFOOD & STEAK HOUSE
	KING & I OF SAN MARCOS
	OLD CALIFORNIA MINING CO
1032	BAREFOOT TRADER
	FRIARS FOLLY WINE CELLAR
	NEST
	SHANGHAI COUTURE
	UNIQUE BOUTIQUE
1080	CHINS SZECHWAN RESTAURANT
	COFFEE HOUSE OLD CALIFORNIA
	MARKET STREET CAFE & BAKERY
	MAUI BISTRO
	OLD CALIFORNIA RSTRNT ROWMKT
	SAN MARCOS BREWERY & GRILL
1099	NORTH COUNTY WINE COUNTRY
1100	SEARS SERVICE & REPAIR CTR
1158	BIG WAVE CAFE
	RUBIOS FRESH MEXICAN GRILL
1180	REGAL SAN MARCOS STADIUM 18
1187	ARCO
1200	ADT 24 HR ALARM & SECURITY DLR
	EXTRA MILE FOOD MART
1205	TOMS BURGER FAMILY RESTAURANT
1223	EXPRESS TIRE
	GOODYEAR SERVICE DEALER

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VIA VERA CRUZ 2005

207	LIGHT AUTO REPAIR INC
237	AMISTAR CORP
	AMISTAR MANUFACTURING SERVICES
	DDN CORP
310	AXEL WILLIAMS INSURANCE AGENCY
	CALCO WEST FINANCIAL CORP
	CTA ARCHITECTS INC
	EXECUTIVE PLUMBING INC
	FECK PROPERTY MANAGEMENT
	GARIAN
	LAWRENCE KRELL
	MDI STAFFING
	MICHAEL W RUSS CPA MBA
	NEO VERVE INC
	NETWORK CO OF CALIFORNIA THE
	PEGASUS MARKETING AND DESIGN
	PEGASUS PRINTING
	PORCELAIN DESIGN
	PORCELAIN DESIGNS DENTAL LAB
	RUSS, MICHAEL
	STUDY HALL
	TERRACON GENERAL CONTRACTORS
	TRIANGLE COMMUNICATIONS INC
	WILLIAMS AXEL TAX SERVICE
333	SAN MARCOS U STORE
334	A 2 Z BOOKKEEPING & TAX SERVICE INC
	AMERISTAR REALTY
	BODY & SOUL INC
	BOHLINE DAVID S PHD
	CALIFORNIA BOARD OF EQUALIZATION
	CALIFORNIA STATE ALCOHOLIC
	CHAMBER ORCHESTRA & CHR OF SAN
	DALY JEFF DR
	DANIEL ANAYA INSURANCE
	DARIUS KHAYAT A PRFSNL LAW CO
	DARIUS KHAYAT ATTY AT LAW
	HARBORSIDE FINANCIAL NETWORK
	HEALTH ADVCTES INSUR SPECIALIST
	HEALTH ADVOCATES INSURANCE
	KHAYAT DARIUS ATTY AT LAW
	KOPPEL & GRUBER PUBLIC FINANCE
	LAUREN MICHAEL AND ASSOCIATES
	LAW OFFICE OF DARIUS KHAYAT
	MAXIMUM ACHIEVEMENT CENTER
	MORAN, SALVADOR E
	NURSEFINDERS
	QUALITY WATER PRODUCTS INC
	SKYE PROPERTIES INC
	STEVENSON, WILLIAM E
335	TELECOM DISTRIBUTION SERVICES CORP

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VIA VERA CRUZ 2005 (Cont'd)

338	IMPACT SOLUTIONS LLC
355	ALLIANCE MGMT & INSURANCE SERVICES C
	AMIS / ALLIANCE MARKETING & INSURANC
360	FISH HOUSE VERA CRUZ
430	ESCONDIDO ROOF TRUSS CO INC
450	SAN MARCOS PLAZA
1017	DAVIDSON, JIM G

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2005

823	CASA ANGELO
825	PAUL JOSEPH SCHMITT
	SAN MARCOS FAMILY DENTAL CARE
829	SUPPLY STORE
835	ZARNOWITZ MICHAEL R DDS
839	MOLLY MAID OF SAN MARCOS
843	STRAIGHT FROM THE HEART RESALE STORE
844	4 WOMEN ONLY FITNESS
	BHARAT BAZAR
	BOLDEN, STEPHEN
	BOO & MEE CAFE
	DOMINOS PIZZA
	ENTERPRISE RENT A CAR
	HAL J MARTIN
	MEDICAL OUTFITTERS
	MRI FITNESS ENTERPRISES INC
	NATIONWIDE REALTY SERVICES INC
	PETRAITIENE IRENA
	SAN MARCOS TAILORING & DRY CLEANING
	SCRUB MART
	SCRUB, MART
847	COMPUTER FACTORY
	RAINFOREST INDUSTRY
851	ROCKEN PAINTBALL
	WESDOC INC
853	MAP STORE
855	LENS 4 LESS
864	PLANTINUM AUTO & SMOG SERVICE
867	AMERICAN IMPORTS
868	PREMIER AUTO SERVICE
887	CHURCHILLS PUB & GRILLE
902	CHECK CENTER
	JESSES BARBER SHOP
	SAN MARCOS CHECK CASHING
904	ACCENTS HAIR STUDIO
	ALEX LOPEZ
	ALLIED ALLIANCE INC
	BARTENDERS NATIONAL SCHOOL
	FIRST CAPITAL
	LIEBERT CORP
	NGUYEN CHRISSY L
	QUICK FIX II THE
	ROXIES NAILS
	ULTIMATE PRACTICE SYSTEMS
	UNION PACIFIC FINANCIAL CORP
	VILLAGE PRINT
	VOLT MANAGEMENT
	WAYNE ZYCH
	WEBMASTER E COM
	ZYCH J WAYNE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2005 (Cont'd)

910	BON VITAL
	DAT INC
	FRANK J BRUNO CPA A PROF
	GM MORTGAGE CO
	GOODE, DENNIS L
	HAYES CUSTOM TILE AND NATURAL STONE
	HOPE INFANT PROGRAM SAN MARCUS
	MCB FINANCIAL GROUP
	OLD CALIFORNIA TX FINANCIAL SERVICES
	ONLINE BUSINESS MARKETING
	OZ COURT REPORTING
	RIGHTWAY GATE INC
	SAN DIEGO COUNTY DEPT EDUCATION
	SEARCH ENGINE PLACEMENT
920	CARMEL VALLEY PEST CONTRO
	MARSHALLS TAX & BUSINESS SERVICES
	NATIONAL ASSOCIATION LTR CRR U S A
	ORGANIC SOLUTIONS
	PACIFIC CREST BUILDING AND LANDSCAPI
925	BATTERY NETWORK
	LAWRENCE, DALE E
	SIMMONS, JASON M
933	NORTH COUNTY TIMES
935	CENTURY 21 HOMES FIRST
	ELLIOTT & ASSOCIATES
	HOMES FIRST FUNDING
	PIN
	TERRY RAY REALTY
	VAN RIPER & MESSINA CPA INC
940	CASEY, KELLY L
	EDWARDS, JASON
	FARMERS INSURANCE
	FRESH FISH MARKET
	GLOBAL DIGITAL SYSTEMS
	LEWKOVICH GARY DR
	P R AUTO SALES
	PET CUTS
	SALON BELEZZA & SUPPLY
	SALON BELLEZZA
	SAN DIEGO INSURANCE FINANCIAL SERVIC
	WELLNESS CHIROPRACTIC
945	AMF EAGLE BOWL INC
	AMF EAGLE LANES
	AMF EAGLE WOMEN CLUB
	BOWLERS DEPOT SAN MARCOS
950	CHINS ACUPUNCTURE & HERBS
	FRENCH NAILS 2002
	GRANDPA ALLENS FAMILY RESTAURANT
960	ADRIATIC DENTAL
	GOLF DR

Target Street	Cross Street	Source
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W SAN MARCOS BLVD 2005 (Cont'd)

960	LINDA KAISER LCSW
	M & M ESCROW CO
	MCBRIDE MICHAEL Z DDS
	MICHAEL Z MC BRIDE DDS
	MISSION HOME LOANS INC
	OBRADOVIC VALENTINA DDS
	OCEAN POINT LENDING INC
978	CALIFORNIA BANK & TRUST
997	ALLSTATE
	AMERGROUP INC
	ANIMAL HOSPITAL OF SAN MARCOS
	ANIMAL HOSPITAL OF SM
	COACH & PLAY TEAM SPORTS
	CURVES FOR WOMEN
	E FOOD STORE
	FASHION NAILS
	HAZELRIGG SCOTT
	MOHNACKY ANIMAL HOSPITAL
	RICE KING RESTAURANT NO 17
	SUBMARINA SUBS AND SANDWICHES
	THE COACHING STORE COM
	WIRELESS SOLUTIONS UNLIMITED
1000	WELLS FARGO BANK N A
1001	ADVANCED CHIROPRACTIC CENTERS
	AMPAROS FOREIGN EXCHANGE INC
	ASHTANGA YOGA CENTER EAST
	CLASSY NAILS SPA & HAIR
	COSTALES REALTY
	FARMERS INSURANCE GROUP / PHIL LINDB
	FIL AM REALTY
	FILIPINO DEPOT
	GREEK BURRITO
	HAIR ATTITUDES DEBI SHERMAN
	JUST FOR YOUR HEALTH INC
	PARISA DENTAL CARE
	PENNY LANE PUB & GRILL
	PHIL LINDBLOM
	RAHMANIAN O MEAD
	RANCHO SANTA FE THRIFT & LOAN
	RAY & RAY INSURANCE SERVICES
	S E MID ATLANTIC INC
	SAIGON EXPRESS
	SIMPLE TRIBUTE
	SUNSHINE REALTY & SERVICES
	TELOPHASE CREMATION SOCIETY
	TRANSACTION SPECIALISTS INC
	WOOD CANDACE
	YARNING FOR YOU
1003	TOWNE JEWELERS SAN MARCOS
1020	55 YARD LINE

W SAN MARCOS BLVD 2005 (Cont'd)

1020	ACAPULCO RESTAURANTS INC
	BAJA LOBSTER GROUP SAN MRCS
	BRUNOS ITALIAN RESTAURANT INC
	CHINA WOKERY
	COHN ZIP INC
	IHOP
	INDIA PRINCESS
	KATSU SEAFOOD & STEAK HO AN MARCOS
	MARIETA S REST SAN MARCOS
	MOCHA MARKETPLACE
	OLD CALIFORNIA MINING CO
	OLD CALIFORNIA SHOPPNG CENTER
	ROCKIN BAJA LOBSTER
	SAN MARCOS RESTAURANT INC
	WESTCORT DEVELOPMENT
	ZIP N ZACKS
1032	BAREFOOT TRADER
	FRIARS FOLLY WINE CELLAR
	L AVENUE
	PEIXOTO LEAH
	SHANG HAI COUTURE
	UNIQUE BOUTIQUE
1080	BATTY ENTERPRISES INC
	MARKET STREET CAFE & BAKERY
	OLD CALIFORNIA RESTAURANT ROW
	SAN MARCOS BREWERY & GRILL
1145	LIONSPRIDE ENTERPRISES
1158	BA DA BING PIZZERIA
	COLD STONE CREAMERY
	KAYDON LLC
	SEOULMAMA
1180	EDWARDS SAN MARCOS STADIUM CINEMA
1200	CHEVRON STATIONS INC
1205	ROG OS FAMILY STYLE RESTAURANT
	TOMS BURGER NO 22 FAMILY REST
	TOMS FAMILY RESTAURANT 22
1223	EXPRESS TIRE SERVICE

Target Street	Cross Street	Source
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VIA VERA CRUZ 2000

207 LIGHT AUTO REPAIR
237 AMISTAR
310 A ALARM
AGUILA TECHNOLOGIES INCORPORATED
BAIS BRADLEY ASSOCIATES INSURANCE SERVICE
BAIS BRADLEY ASSOCIATES INSURANCE SERVICE OFFICE
BEARD, WILLIAM B
BECA FOUNDATION INCORPORATED
BRADLEY ASSOCIATES INSURANCE SERVICES
FARMERS INSURANCE GROUP AGENTS
FECK PROPERTY MANAGEMENT
GARIAN
KASKIN DEANNA W
KRELL LAWRENCE INS
KRELL, L
MORGEN DESIGN INCORPORATED
NETWORK COMPANY OF CALIFORNIA THE
PORCELAIN DESIGNS DENTAL LABORATORY
REFER ONE AMERICA NETWORKING
RUSS MICHAEL W CPA MBA
SONIK TECHNOLOGIES CORPORATION
STUDY HALL
T-SQUARED ENGINEERING
VALDEZ MANNY FINANCIAL CONSULTANT
333 SAN MARCOS U STORE
SCHNAIBLE, ELMER G
334 ACTION REHABILITATION CONSULTANTS
ANAYA DANIEL
ANAYA, DANIEL
BARRET CONDOMINIUM MANAGEMENT MAINTENANCE
BATEMAN, HAROLD W
BOHLINE DAVID S PHD
BRUNO FRANK J CPA A PROFESSIONAL CORPORATION
CALIFORNIA STATE OF EQUALIZATION BOARD OF
COLLIGAN LAURA B MFCC
EDWARDS, CYRIL E
HEALTH ADVOCATES INSURANCE SPECIALIST
MAXIMUM ACHIEVEMENT CENTER
NEW YORK LIFE INSURANCE CO
NEW YORK LIFE INSURANCE COMPANY
RAYN, MARION T
RYAN, ALBERT F
SAN DIEGO COUNTY OF ASSESSOR
SAN DIEGO COUNTY OF RECORDER COUNTY CLERK
SAN DIEGO COUNTY OF RECORDER COUNTY CLERK RM 260
SAN MARCOS TAX SERVICE
STEVENSON WILLIAM E
SUN NEWSAPERS
T SQUARED ENGINEERING
TEACH TAX & BUSINESS SERVICES

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VIA VERA CRUZ 2000 (Cont'd)

338	SAN DIEGO COUNTY OF ENVIRONMENT HEALTH DEPARTMENT OF
	SAN DIEGO COUNTY OF MARSHAL
	SAN MARCOS MARSHAL
355	ALLIANCE MANAGEMENT & INSURANCE SERVICES CORPORATION
	LAWYERS TITLE
	MICRO DOCTORS
	PALOMAR INSTITUTE OF COSMETOLOGY
	TELECOM DISTRIBUTION SERVICES CORPORATION
	WEST WILLIAM R MINISTRIES INCORPORATED
360	FISH HOUSE VERA CRUZ
	LITTLE VERA CRUZ MEXICAN FAST FOOD & FISH
	OLD CALIFORNIA RESTAURANT ROW & MARKET PLACE
	VERA CRUZ FISH HOUSE
430	ESCONDIDO ROOF TRUSS COMPANY INCORPORATED
1017	DAVIDSON, JIM

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2000

821	DIAZ IRENE H REALTOR
	GOLDEN PACIFIC R E MANAGEMENT
	GRANT WARREN B GOLDEN PACIFIC REAL ESTATE
823	CASA ANGELO
825	GOLDEN PACIFIC REAL ESTATE
	GOLDEN PACIFIC REAL ESTATE AGENTS
	GOLDEN PACIFIC REAL ESTATE MAIN OFFICE
	SECURE MORTGAGE
835	ZARNOWITZ MICHAEL R DDS ORTHDNTST
841	OKINAWAN MARTIAL ARTS CENTER
843	BEER & WINE CRAFTS
844	DENIMVILLE
	FITNESS FOR HER
	GIOVANNIS ITALIAN PASTA & SANDWICH SHO P
	HAIR DEPOT
	JUANITAS TACO SHOP
	NAIL STATION THE
	QUALITY HEALTH CLUB NETWORK
	STARLIGHT DANCE COMPANY
	YANKEE JIM'S DELI
847	COMPUTER FACTORY
849	C & R SYSTEMS
851	CENTERSTAGE DANCE STUDIO
	STARLIGHT DANCE COMPANY
853	MAP STORE SAN MARCOS
855	CREAM & COFFEE
857	MARIN, MARIA
864	ECONO LUBE N TUNE
	OCCUPANT UNKNOWN,
867	OCCUPANT UNKNOWN,
868	ACURA PREMIER AUTO SERVICE
	HONDA PREMIER AUTO SERVICE
	PREMIER AUTO SERVICE
887	CAMELOT INN BRITISH RESTAURANT PUB & STORE
900	OCCUPANT UNKNOWN,
902	JEWELRY SOURCE & LOAN
	SAN MARCOS JEWELRY & LOAN
904	AMERICAN CARD PROCESSING
	CENTURY 21 HOMES FIRST
	DUCTS UNLIMITED CLEANING INCORPORATED
	HAIR BIZ HAIRSTYLING HAIR
	HAIR BIZ HAIRSTYLING NAILS
	KACO KAHLE COMPANY
	KOSTON GARY M ATTORNEY
	MCCRUMMEN MARSHALL H CPA
	NATIONAL BARTENDERS & CASINO DEALERS
	NATIONWIDE REALTY SERVICES INCORPORATED
	QUICK FIX II THE
	SEAGROVE PRODUCTIONS
	STATE FARM INSURANCE COMPANIES AGENTS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W SAN MARCOS BLVD 2000 (Cont'd)

904	VILLAGE PRINT
	VOLT SERVICES GROUP
	ZYCH J WAYNE
907	SAN MARCOS PUBLIC STORAGE
	U-HAUL CO INDEPENDENT DEALERS
910	FALCON SALES & TECHNOLOGY
	FIRST CAPITAL
	FIRST CAPITAL MORTGAGE SERVICE
	FLETTER HARRY F STRUCTURAL ENGINEER
	GOODE DENNIS L MORTGAGE BRKR
	GOODE, DENNIS
	HOPE INFANT PROGRAM
	MANAGEMENT CONTROL SERVICE
	MARSHALLS TAX & BUSINESS SERVICES
	OLD CALIFORNIA TAX & FINANCIAL SERVICES
	PAYROLL USA
	PETROPOULOS GEORGE
	PROPER MEDICAL PRODUCTS CO INCORPORATED
	REGAIN
920	NAIL TAMER THE
	NATIONAL ASSOCIATION OF LETTER CARRIERS BRANCH 2525
	TENENBAUM & ASSOCIATES
	VOCATIONAL SPECIALTIES
925	NEW WHARF RESTAURANT
933	NORTH COUNTY TIMES SAN MARCOS OFFICE
935	ELLIOTT & ASSOCIATES
	MESSINA PAUL CPA
	MESSINA, P
	REAL ESTATE 7 TERRY RAY REALTY
	SAN MARCOS OFFICE SUPPLY
	TERRY RAY REALTY
	VAN RIPER KEN CPA
	VANRIPER & MESSINA CPA
940	1 STOP PARTY & GIFT
	DRAPERYCARE CPT UPHOLSTERY & DRAP CLNG OFFICE
	EDWARDS JASON DC
	EDWARDS, J
	GARY DR
	HANDLE WITH CARE BEAUTY SHOP
	LEWKOVICH GARY N DC
	NAILS BY RAE LYNN
	NORA SALON
	P R AUTO SALES
	SPARKLE PLENTY FASHIONS BY ROBIN
	TONYS BARBERSHOP
	VILLANUEVA RUEBEN FARMERS INSURANCE AGENCY
945	AMF EAGLE LANES
	FAST LANES PRO SHOP
950	BILL & DEES DARTS
	GRANDPA ALLENS RESTAURANT & PIE SHOP

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W SAN MARCOS BLVD 2000 (Cont'd)

950	HERBS PLUS
	PETRETTI, STEPHEN J
960	ADRIATIC DENTAL
	AYAD, JORGE
	DAYSTAR FAMILY COUNSELING
	HEATHER MECHANIC MFCC RN CS
	HOPE DOUGLAS G DDS
	LEPA, MATILDA
	M & M ESCROW COMPANY
	MAGALLANES, MATILDA
	MCBRIDE MICHAEL Z DDS
	MCBRIDE, MICHAEL
	OBRADOVIC VALENTINA DDS
964	OCCUPANT UNKNOWN,
978	CALIFORNIA BANK & TRUST BRANCH OFFICES
997	CIRCLE K CORPORATION
	FASHION NAILS
	INSTASIGN
	RICE KING RESTAURANT NO 17
	SUBMARINA SUBS AND SANDWICHES
1001	ADVANCED CHIROPRACTIC CENTERS
	ADVANCED DENTAL CARE DR PARISA RAHMANIAN
	CHEVEUX STYLING SALON
	ESBELTEZ SAN MARCOS
	FARMERS INSURANCE GROUP AGENTS
	FILIPINO DEPOT
	HAIR ATTITUDES DEBI SHERMAN
	HAIR ATTITUDES FULL SERVICE SALON
	LINDBLOM PHIL INS
	MAAZ, JAMAL A
	MR GREEKS GREEK BURRITO
	PENNY LANE PUB & GRILL
	RAHMANIAN PARISA DR
	RANCHO SANTA FE THRIFT & LOAN ASSOCIATION
	RAY & RAY INSURANCE SERVICES INCORPORATED
	RAY INSURANCE AGENCY
1002	OCCUPANT UNKNOWN,
1003	SAN MARCOS TOWNE JEWELERS SHOPPE
	TOWNE JEWELERS SAN MARCOS
	WELLS FARGO BANK BRANCH OFFICES
1019	PEPPER TREE NURSERY
1020	ACAPULCO MEXICAN RESTAURANTS
	BRUNOS ITALIAN RESTAURANT
	BURGERS & BREW
	CHINA WHARF
	CHINA WOKERY
	GENTLEMANS CHOICE THE
	INDIA PRINCESS RESTAURANT
	INTERNATIONAL HOUSE OF PANCAKES
	KATSU SEAFOOD & STEAK HOUSE SAN MARCOS

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W SAN MARCOS BLVD 2000 (Cont'd)

1020	KING AND I OF SAN MARCOS
	MARIETAS RESTAURANT
	OCCUPANT UNKNOWN,
	OLD CALIFORNIA MINING COMPANY
	OLD CALIFORNIA RESTAURANT ROW & MARKET PL ACAPULCO MEX R
	OLD CALIFORNIA RESTAURANT ROW & MARKET PL BRUNOS ITAL RS
	OLD CALIFORNIA RESTAURANT ROW & MARKET PL GENTLEMANS CHC
	OLD CALIFORNIA RESTAURANT ROW & MARKET PL LTL VERACRUZ M
	ROCKIN BAJA LOBSTER
	TONY ROMAS
1030	OCCUPANT UNKNOWN,
1037	OCCUPANT UNKNOWN,
1080	ART STAMP & T SHIRTS OUTLET
	BAREFOOT TRADER
	MOCHA MARKETPLACE
	OCCUPANT UNKNOWN,
	OLD CALIFORNIA DEVELOPMENT CO
	OLD CALIFORNIA RESTAURANT ROW & MARKET PLACE
	SAN LUIS REY BAKERY
	SAN MARCOS BREWERY & GRILL
	THE JUICE PLACE
	VILLAGE LIGHTHOUSE THE
1099	GUITARS WEST
1101	R V WORLD
1129	OCCUPANT UNKNOWN,
1180	EDWARDS SAN MARCOS STADIUM CINEMA
1200	CHEVRON STATIONS INCORPORATED
1205	TOMS BURGER NO 22 FAMILY RESTAURANT
1217	FROLANDERS FINE FOODS ESCONDIDO
1219	ALTER, DELORES
1223	EXPRESS TIRE
	GOODYEAR SERVICE DEALER

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207	LIGHT AUTO REPAIR
237	AMISTAR CORP
310	BAIS BRADLEY ASSOC INSURANCE
	BENEFIT CLUB
	CUDABACK, KAREN
	GARIAN
	GOZASHTI & LE LANCHON INS
	GOZASHTI INSURANCE
	IES LIFE ENRICHMENT CTR
	MEDCLAIM EXPRESS
	MICHAEL W RUSS CPA
	NEW HOME MARKETING GROUP
	PORCELAIN DESIGNS DENTAL LAB
	SCHROEDERS SEWING MACHINE CO
333	SAN MARCOS U STORE
	SMITH, PAUL
334	ACTION REHABILITATION CNSLTNTS
	ALCOHOL BEVERAGE CONTROL
	BEN ECHEVERRIA LAW OFFICES
	BOARD OF EQUALIZATION
	CRAWFORD HEALTH & REHAB SVC
	DAVID B MC WHIRTER
	DAY STAR FAMILY COUNSELING CTR
	FRANK J BRUNO CPA
	HEALTH & DENTAL INSURANCE SPEC
	HEALTH ADVOCATES INSURANCE
	INTRACORP
	JAY B PATTERSON
	JOHN HANCOCK MUTUAL LIFE INS
	LAND BANK PROPERTIES INC
	LAURA B COLLIGAN
	PSYCHOTHERAPY CENTER
	SAN DIEGO COUNTY PLANNING
	SAN MARCOS TAX SVC
	STEVENSON, WILLIAM E
	TAX DEPT
	TEACH TAX & BUSINESS SVC
	TOPPING TAX SVC
338	SAM MARCOS MARSHAL
	SAN DIEGO COUNTY HEALTH SVC
	SAN MARCOS TRAFFIC OFFENSES
355	ALLIANCE MANAGEMENT & INS SVC
	PALOMAR INST COSMETOLOGY
	THOMAS PAYNE CHIROPRACTIC
	TRIANGLE KNIFE CO
	WILLIAM R WEST MINISTRIES INC
430	ESCONDIDO ROOF TRUSS CO
1020	WEBSTER, GEORGE

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W SAN MARCOS BLVD 1995

821	JUST FISH
827	INSTITUTE CRIME & TRAUMA SURV
829	AMERICAN HOBBY SUPPLY
837	TERRY RAY REALTY
844	DANISH & DONUTS
	DENTON L KIMBALL OD
	FITNESS FOR HER
	FITNESS FOR KIDS
	FOCUS ON U
	HAIR DEPOT
	JUANITAS TACO SHOP
	KIMBALL, DENTON
	NAIL STATION
	NICOLETTIS ITALIAN DELI
	SUNSHINE CLEANERS
847	FRIENDS OF THE SAN MARCOS LBRY
	SAN MARCOS PUBLIC LIBRARY
855	BASKIN ROBBINS ICE CREAM
864	ECONO LUBE N TUNE
868	BIG O TIRE STORE
887	CAMELOT INN
902	SAN MARCOS JEWELRY & LOAN
904	BARTENDERS NATIONAL SCHOOL
	BLUE MOON DELI CAFE
	CALIFORNIA HAIR
	RANCHO SAN MARCOS
	SUE OTIS HAIR DESIGN
	VILLAGE PRINT
	VOLT TEMPORARY SVC
907	CHIRO, SAN M
	SAN MARCOS PUBLIC STORAGE
910	CAUFFIELD, ELLEN
	DOWNSTOWN INC
	GARY M KOSTON
	HARRY F FLETTER
	HOPE INFANT PROGRAM
	MANAGEMENT CONTROL SVC
	METRIC SYSTEMS CORP
	PAYROLL USA
	REGAIN
	STATE FARM INSURANCE
	WEST COAST MARKETING & ADVG
920	NAIL TAMER
	PARK PLAZA LTD
	VOCATIONAL SPECIALTIES
925	CRI GENERAL CONTRACTORS INC
	HAIR BIZ HAIRSTYLING
	KEN VANRIPER CPA
	LONE STAR DEVELOPMENT
	OLD CALIFORNIA TAX & REALTY

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W SAN MARCOS BLVD 1995 (Cont'd)

925 POOLER, RUSSELL L
SAN MARCOS BICYCLE
935 PAUL A MESSINA CPA
SAN MARCOS OFFICE SUPPLY
VANRIPER, I
940 B & D DARTS
C D CONNECTION
DAVID OLINGER DC
GARY LEWKOVICH DC
KACO SECRETARIAL SVC
MAYFIELD, CAROL
ONE STOP EXECUTIVE SVC
WALKER, KELLY M
WELLNESS CHIROPRACTIC
945 AMF EAGLE BOWL
AVOCADO WOMENS BOWLING ASSN
950 BEER CRAFTS
GRANPA ALLENS RESTAURANT
960 ARCHULETA, PHILIP
DAVIS AGENCY
FARMERS INSURANCE GROUP
FRANK S SUTTON MD
JOE, D
JOSEPH D WALLER DDS
LINDA KAISER
MICHAEL R ZARNOWITZ DDS
PATRICK C EBERT & ASSOC
PROSTHETIC DENTISTRY INC
SAN MARCOS FAMILY DENTAL CARE
SUTTON, FRANK
997 A 1 DRY CLEANERS & LAUNDRY SVC
CIRCLE K FOOD STORE
FAMILY PETS MEDICAL CTR
HAIR SPRING N THINGS
INSTASIGN
NIMAN & ASSOC
SUB MARINA
UNITED STUDIOS OF SELF DEFENSE
1001 ADVANCED CHIROPRACTIC CTR
FAMILY CARE CHIROPRACTIC
HAIR ATTITUDES FULL SVC
LITTLE FATSOS STEAKBURGER
NATIONAL ACCOUNTING CTR
TELCOM SERVICES
TELOPHASE CREMATION SOCIETY
1003 TOWNE JEWELERS SAN MARCOS
1019 PEPPER TREE NURSERY
1020 ACAPULCO MEXICAN RESTAURANT
BRUNOS ITALIAN RESTAURANT
CALIFORNIA LANGUAGE INSTITUTE

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W SAN MARCOS BLVD 1995 (Cont'd)

1020	CHINA WHARF
	DAIRY QUEEN
	FISH HOUSE VERACRUZ
	FLOWER MARKET
	FRANKIES
	GENTLEMENS CHOICE
	J KS RESTAURANT
	JAMES R EUBANK REAL ESTATE
	KATSU SEAFOOD & STEAK HOUSE
	MARIETAS RESTAURANT
	OLD CALIFORNIA RESTAURANT ROW
	RANCHO VERACRUZ STEAK
1080	MOCHA MARKETPLACE
1099	GUITARS WEST
1101	R V WORLD
1205	ROG OS FAMILY STYLE RSTRNT
1217	FROLANDERS FINE FOODS
	FRONLANDER & ASSOCIATE
1223	EXPRESS TIRE

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207	HICKS CHEMICAL CO
237	AMISTAR
310	A L WILLIAMS INS SV
	BRADLEY ASSOCS INS
	C ENTERPRISES
	CANDY CABLES
	DEEN TRADE INC
	FARMERS INS GRP
	G F B SECURITY INC
	GARIAN
	GLOBE FINANCIAL
	GOZASHTI C INS
	HARTMAN FNCL GROUP
	KASKIN, BRADLEY L
	LELANCHON MYERS INS
	M W CRDT RPR CNSLTG
	MAGIC WAND CRDT RPR
	NETWORK COMPANY THE
	NEW DAWN CMNTY
	POTRA TRADING CO
	S M T PERIPHERALS
	WILLIAMS, A L
333	SANMARCOS U STORE
	SMITH, PAUL
334	ACTION REHAB CNSLTS
	BRUNO FRANK J CPA
	CA ST ALCHLC CONTRL
	CONSTRN CALC SERV
	CRAWFORD HEALTH SRV
	ECHEVERRIA BEN ATTY
	INTRACORP
	JOHN HANCOCK INS
	LANDBANK PPRPTY INC
	SANMARCOS TAX SERV
	TEACH TAX&BUSNS SRV
	TOPPING TAX SERVICE
338	SD CO HLTH ENVMTL
355	ALLIANCE MNG&INS SV
	PALOMAR INST CSMTGY
	PAYNE THOMAS J DC
	TRIANGLE KNIFE CO
430	ESCONDO ROOF TRUSS
1020	WEBSTER, GEORGE

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821	PETS PLUS
827	INST FOR CRIME&TRMA
829	AMER HOBBY SUPPLY
835	VANGARD GROUP THE
837	TERRY RAY REALTY
839	HAIR BIZ HAIRSTYLNG
841	CREST DRAPERY&DSGN
844	CELLULAR CITY
	COAST&COUNTY REALTR
	DANISH&DONUTS
	FITNESS FOR HER
	HAIR DEPOT
	JUANITAS TACO SHOP
	KIMBALL DENTON L
	KIMBALL, DENTON L
	PACTEL PAGING
	SUNSHINE CLEANERS
	VENEZIA ITALN DELI
847	FRIENDS S MRCO LBRY
	SANMRCS CTY LIBRARY
853	BOULEVARD VIDEO
855	BASKIN ROBBINS 31
857	JIMENEZ, RAFAEL
864	ECONO LUBE N TUNE
868	BIG O TIRE STORES
887	CAMELOT INN
902	SANMARCOS JEWELRY
904	CA HAIR
	COGBURN DOYLE E DC
	COGBURN, DOYLE E
	DEANS PHOTO SERV
	QUACKENBUSH G ATTY
	QUACKENBUSH, GARY A
	SUBMACHINE DELI
	SUE OTIS HAIR DSGN
	VILLAGE PRINT
	VOLT INVENTORY SERV
	WATERS TAX SERVICE
907	SANMARCOS PUB STRGE
910	FLETTER HARRY F
	FLETTER, HARRY F
	H O P E INFNT PRGRM
	KINGSBORNE PROD LTD
	KOSTON GARY M ATTY
	LUTTIO ENGRG INC
	MANAGMT CONTROL SRV
	PAYROLL USA
	QWIK KORNR DELI OFC
	REGAIN
	STATE FARM INS AGNT

W SAN MARCOS BLVD 1992 (Cont'd)

920	CONTRCTRS&DEVELOPRS
	GROVER DON DESIGNS
	NAIL TAMER THE
	TRANSWORLD SYSTEMS
925	CLEAN BRITE
	H A ARCH&PLNNG DVLP
	OLD CA TAX&REALTY
	SANMARCOS BICYCLE
	VANRIPER KEN CPA
940	DYNAMIC IMAGES
	GARY DR
	GARY, DR
	LEWKOVICH, GARY N
	NEW APPROACHES
	RITE TEK SYSTEMS
945	EAGLE I BOWL
	EAGLE, I B
950	GRANPA ALLENS REST
960	DAVIS AGENCY THE
	EBERT PATRICK C DDS
	FOWKES WILLIAM DR
	KAISER LINDA LCSW
	KAISER, LINDA
	MCCLELLAN, RON
	ODAIR KATHLEEN
	ODAIR, K
	PREECE R DDS FACP
	REDHILL MED MNG GRP
	SUTTON FRANK S MD
	SUTTON, FRANK S
	TEE TIMES
	WALLER JOE DDS INC
	ZARNOWITZ M R DDS
978	SANMARCOS NATL BANK
997	A 1 DRY CLNRS&LNDRY
	CIRCLE K CORP 1830
	HAIR SPRING N THING
	INSTASIGN
	PAK MAIL
	SUB MARINA
	TEMPORARY CONNECTN
	UNITD STDO SLF DFNS
1000	NORTH CO BANK
1001	ADVANCED CHIRO CNTR
	ALLSTATE INS SALES
	ARMSTRONG MCCALL
	C&H AUDIO&VIDEO
	HAIR ATTITUDES SLN
	RAY INSURANCE AGCY
	RAY&RAY INS SRV INC

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W SAN MARCOS BLVD 1992 (Cont'd)

1001	SNAPPY CAR RENTAL
	TRIPLE CHECK ACCNTG
1003	SD TRST&SVG
	TOWNE JEWELERS
1019	PEPPER TREE NURSERY
1020	ACAPULCO MXCN REST
	BRUNOS ITALIAN REST
	CA LANGUAGE INST
	DAIRY QUEEN
	EARTHQUAKE CAFE
	EUBANK JAMES R RE
	FISH HOUSE VERACRUZ
	GENTLEMANS CHOICE
	GRECIAN GARDENS
	J KS RESTAURANT
	KATSU SEAFD&STK HSE
	OLD CA FARMERS MKT
	PANCHOS MEXICN CSNE
	RANCHO VERACRUZ STK
1099	AIKEN REALTY
1101	R V WORLD
1205	ROG OS FAMILY REST
1217	FROLANDER&ASSOCIATE
1223	EXPRESS TIRE

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..VIA VERA CRUZ 92069 CONT..

207	XXXX	00	
310.....	BUILDING		
	AD LASER INC	744-0810	+6
	AQUA TECH	744-2151	5
	C ENTERPRISES	744-B1B2	+6
	CANDY CABLES	744-2291	
	CANDY CABLES CORP	744-2291	5
	CERAMIC TECH GROUP	471-2820	+6
	CLUB GETAWAY	471-2023	5
	DAN MART	471-0391	4
	DYNA MART	942-3296	4
	ILIFF THORN&CO	744-7701	5
	MEDICAL INSTRUMENT	744-9662	4
	N D G PSLSHNG&PRNTG	744-8850	4
	NU LITE DISTRIBUTRS	744-6620	4
	POLARIS SOFTWARE	471-0922	+6
	REED DANIELS	471-2810	+6
	ROLFES CMPTR ATMTN	471-0420	+6
	TENANT CNSTRCTN CNS	744-7227	4
310.....	.....	.....	
333	SANMARCOS U STORE	744-0800	3
	SMITH GERTRUDE	727-2634	2
	SMITH PAUL	727-2634	
334	EDWARDS DAVID MD	471-0043	3
	KAY WILLIAM	744-7240	+6
	NORTH CO OPHTHLMLGY	471-0043	+6
	OLSTEN TEMPORARY SV	471-1200	+6
	PENSION FUNDS CALIF	744-7240	3
	PENSION FUNDS CALIF	271-9229	3
	S W MORTGAGE INC	941-0411	+6
	SD CO HLTH LAND USE	741-4203	3
	SD CO PLANG INFO	741-4236	
	SUMMERS KAY INS AG	271-9229	+6
	SUMMERS MAT	744-7240	+6
	SUMMERS&KAY INS AG	744-7240	+6
	VOLT INVENTORY SRV	471-0800	
	VOLT TEMPORARY SRV	471-0800	
	WILKINSON E L MD	471-0043	5
355	PALOMAR INST CSMTGY	744-7900	+6
	VIDEO NETWORK THE	471-1115	+6
	VIDEO NETWORK THE	471-1116	+6
430	ESCONDO ROOF TRUSS	744-4040	
	ESCONDO TRUSS COL	744-4040	

★ 41 BUS 3 RES 16 NEW

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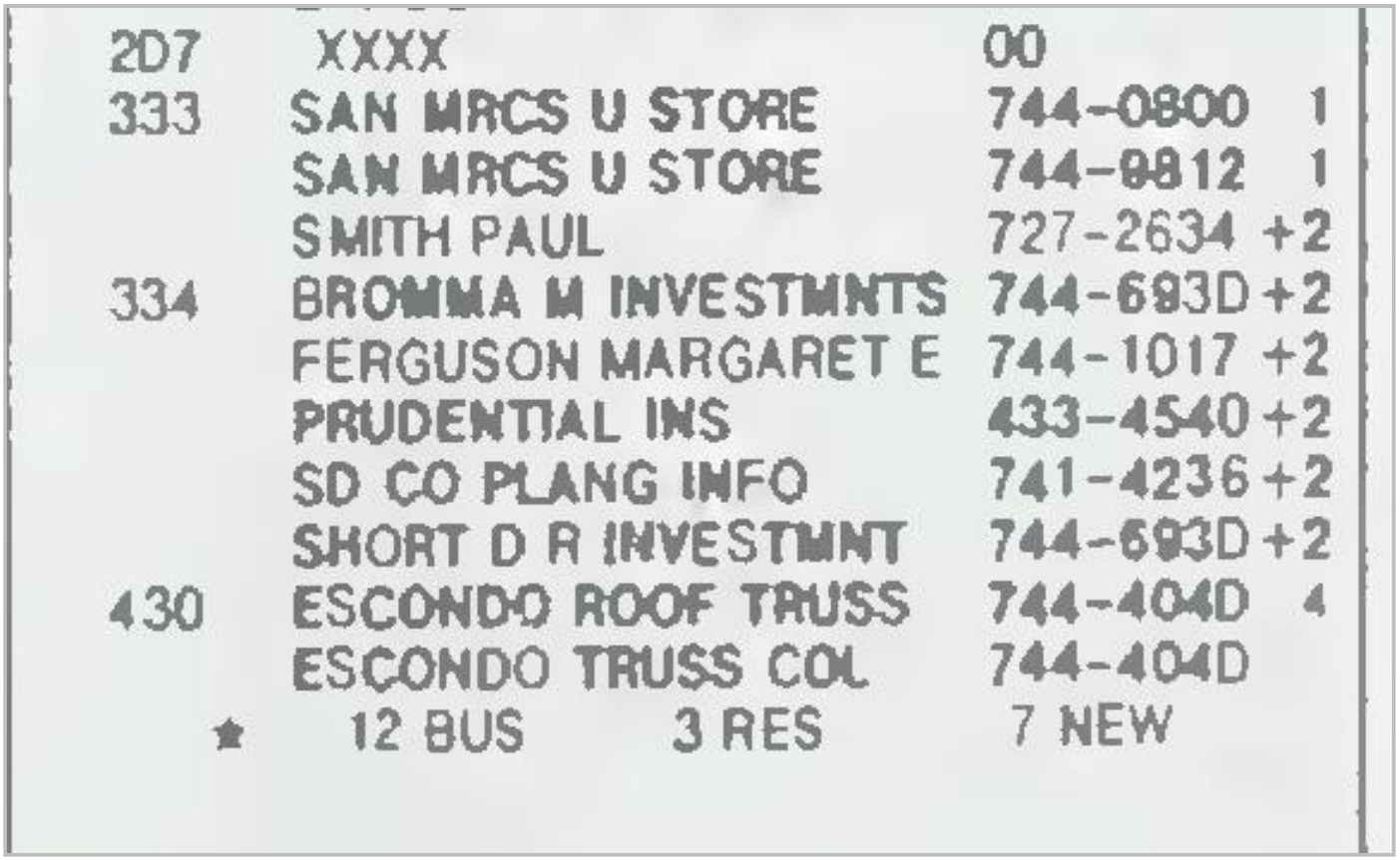
W SAN MARCOS BLVD 1986

819	D&D DELI	744-8502	4
821	EVOHNE FLOWERS BY	727-6050	1
	FLOWERS BY YVOHNE	744-5012	0
	YVOHNE FLOWERS	727-6050	0
	YVOHNE FLOWERS	744-5012	0
827	ADIA PERSONNEL SRVS	942-8550	+6
	ADIE PERSONEL SERVS	744-2920	2
829	AMERICAN HOBBY SPLY	744-4221	1
837	XXXX	00	
839	RIVIERA COIFFURES	744-2822	+8
844	GOLD CROWN COACH	744-0193	+8
	JAYS CUSTOM HAIRCUT	744-0293	+6
	OFFICE MAILBOX	744-0247	+8
845	XXXX	00	
847	SANMRCS CTY LIBRARY	744-0707	+8
	BD CO LIBRARY BRNCH	744-0707	+6
853	SANMARCOS TOWN JWLR	744-3446	3
	TOWNE JEWELERS SHP	744-3448	0
855	BASKIN ROBBINS 31	471-2131	5
867	MEAD KENNETH REV	744-5939	
	MEAD MARGARET ANN	744-5939	
887	CAMELOT INN	744-1332	7
901	XXXX	00	
902	TRIANGLE KNIFE CO	744-4931	3
	WESTRN TEMPRY SERV	744-3763	5
904	ADVANCED MTR PRDCTS	727-4213	4
	DEAHS PHOTO SERVICE	744-7120	1
	DUNN ROGER GOLF SHP	727-4212	3
	LAUDER H AUDIO EQP	744-1450	+8
	PALOMAR TAX SERVICE	744-3282	+8
	ROGER DUNN GOLF SHP	727-4212	4
	SAN MARCOS C OF C	744-1270	+8
	BUBMACHINE DELI	744-0067	1
	TOWN&CNTRY REALTY	744-0990	5
907	SANMARCOS PUB STRGE	744-6381	3
910	CAL PAC CEDAR HMES	744-7344	+8
	FLETTER HARRY F	744-2218	5
	KOSTON GARY M	744-8420	1
	LUCKENBACH AGENCY	471-1220	+8
	LUCKENBACH PRDCTN	471-1222	+6
	PAN AM UNDERWRITERS	744-3367	0
	POWER SPECIALISTS	743-7180	+6
	QWIK KORNR DELI OFC	744-2560	4
	SECRETARIAT	744-7406	3
	STAMPEDE PRODUCTNS	471-1149	+6
	STATE FARM INS CO	744-1245	0
	ZYCH J WAYNE	744-1245	D
920	B C&ASSOCIATES	744-5251	2
	EXCLUSIVE CREATIONS	744-1935	+8
	NAIL TAMER THE	744-3229	5
	WASHINGTON IHVNTRY	744-1710	4
925	CHOCOLATE FACTORY	744-1413	1
	HYDE BROS CONFCTNRS	744-1413	2
	LAMME INC	744-1413	7
940	EXCLUSIVE MOBILE HM	744-8342	+6
	FIRST NAME CHRPRCTC	744-1881	+6
	G O SATELLITE SYS	744-7333	4
	GARY DR	744-1881	+6
	GO SATELLITE SYSTM	744-7333	
	SANMARCOS TRAVEL	744-8940	3
C	EXCLUSIVE MOBILE HM	743-0488	+6
945	EAGLE HERITAGE HALL	744-7000	
	EAGLE I BOWL	744-7000	
	PAC RIM COMMERCE	744-1000	+8
950	AMERICAN HEART ASSN	471-0380	3
	CAFE STRAUSS	744-2164	D
	HEART ASSN MMRL GFT	471-0380	
	HEART ASSN S D CO	721-4385	3
	HEART ASSN S D CO	471-0380	
	HEART ASSN SD	471-0380	
960	ABBO EVA M MD	744-8991	
	ABBO FRED E MD	744-8991	
	ACADEMIC THERAPY	744-0780	3
	EBERT PATK C DDS MS	471-1003	+6
	ERSKINE TERRY IHS	471-0394	4
	FOWKES WILLIAM DR	744-0881	9
	HACIENDA MORTGAGE	744-6522	5
	KEITH KELLY MD	744-8991	1
	NICHOLSOH CHAS A JR	744-0780	3
	PREECE R DDS FACP	741-0474	+6
	PREECE R DDS FACP	471-1003	+6
	WALLER JOSEPH D DDS	744-9120	9
	ZARNOWITZ M R DDS	744-0980	D
	ZUSCAR A B PHD	744-0780	+6
961	DANTES LIQUOR&DELI	744-9300	9
978	SANMARCOS NATL BANK	471-0630	4
1000	NORTH CO BANK	744-8290	3
1011	EXCEL HOMES	471-2270	4
	FARNADT CSTM BLDRS	471-2270	5
1019	PEPPER TREE NURSERY	744-3822	
1020	BUILDING		
	ACAPULCO MXCN RSTRT	471-2150	4
	BOLEYS BARN	471-1160	+6
	BRUNOS ITALIAN REST	744-7700	2
	CHINA WHARF	471-0347	4
138	EUBANK JAS R	744-0550	8
124	FISH HOUSE VERACRUZ	744-8000	D
	FLOWERS BY PHYLLS	744-6633	4
	GENTLEMANS CHOICE	744-5215	9
	KING OLOF SMORGSBRD	744-8003	1
	MARIOS GRECIAN GRDN	744-3790	4
	OLD CA MARKET PRODC	471-2830	+6
	OLD CALIF CNDY SPT	471-2252	5
	OLD CALIF MEAT CO	744-8090	D
168	OLD CALIF RST RW&MK	744-0550	D
	OLD CALIF SHOP CNTR	744-0632	4
	OLD CALIF YOGURT SH	744-5881	4
	RANCHO VERACRUZ STK	744-8102	5
	SVENS DANISH BKRY	744-3461	3
	VERACRUZ FISH HSE	744-8000	4
1020			
1099	WILD WICKER	744-4338	5
1100	SEARS APPLNC REPAIR	744-4500	
	SEARS DRIVING SCHL	753-7900	
	SEARS RBCK DRVNG SC	753-7900	
	SEARS ROEBUCK&CO	744-4500	
1101	R V WORLD	744-6070	7
1125	XXXX	00	
1127	VILLAGE PRINTING	744-3102	
	VINEYARD REAL ESTAT	744-4401	
	VINYARD REAL ESTATE	744-4401	5
1129	CLARK ALLAN	744-1125	
	JOHNS BEAUTY SALON	744-2058	1
1139	SANMARCOS REALTY	744-1432	3
	WILSON C AL	744-1432	8
1183	ANZA WEST REALTY	744-0540	4
1183½	METZ MARTIN R	471-1131	+6
1205	ROG O FAMILY REST	744-1985	1
1209	XXXX	00	
1217	FROLANDER FINE FOOD	439-5817	1
	FROLANDER FINE FOOD	744-8870	1
1223	GOODYEAR SERV DLR	471-1733	+6
	L&M TIRE CO&AUTOMTV	471-1733	+6

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

VIA VERA CRUZ 1982



2D7	XXXX	00	
333	SAN MRCS U STORE	744-0800	1
	SAN MRCS U STORE	744-0812	1
	SMITH PAUL	727-2634	+2
334	BROMMA M INVESTMNTS	744-693D	+2
	FERGUSON MARGARET E	744-1017	+2
	PRUDENTIAL INS	433-4540	+2
	SD CO PLANG INFO	741-4236	+2
	SHORT D R INVESTMNT	744-693D	+2
430	ESCONDO ROOF TRUSS	744-404D	4
	ESCONDO TRUSS COL	744-404D	
★	12 BUS 3 RES	7 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

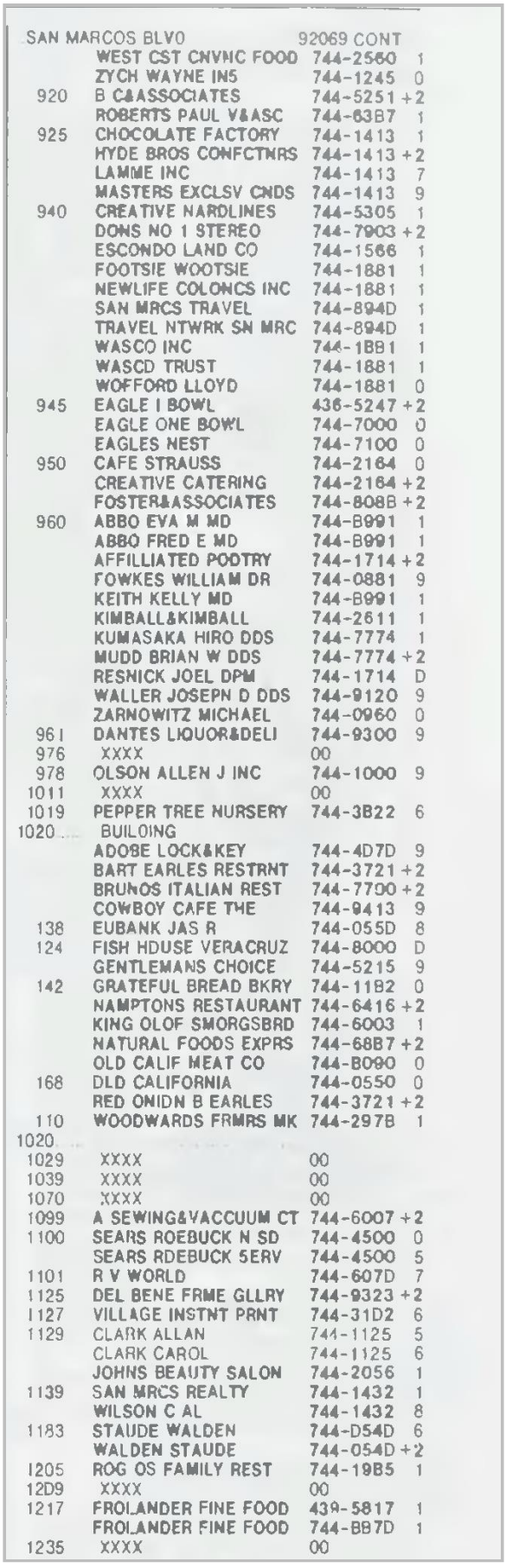
W SAN MARCOS BLVD 1982

819	NAPOLI ITALIAN DELI	744-B502	+2
821	EVONNE FLOWERS BY	727-6050	1
	FLOWERS BY YVONNE	744-5012	0
	YVONNE FLOWERS	744-5012	0
	YVONNE FLOWERS	727-6050	0
825	PEN&QUIL SECRTRL SV	744-4223	+2
827	ADIA TEMPORARY SVS	942-B550	+2
	ADIA TEMPORARY SVS	744-292D	+2
829	AMERICAN HOBBY SPLY	744-4221	1
835	ANDREW W S DUNCAN	744-777D	0
	DUNCAN ANDREW	744-777D	0
837	SAN MRCS CENTER	744-4520	+2
839A	RIVIERA CDIFFURES	744-2622	0
841	XXXX	00	
845	MALONES BETTE APPRL	727-4087	+2
849	APPLIANCE DSCT WRLD	744-5444	+2
850	XXXX	00	
851	HOT SPIRNG SPA STRE	744-7665	+2
853	SAN MARCOS TWN JWEL	744-3446	0
	TOWNE JEWELERS SNP	744-3446	0
855	BASKIN ROBBINS 31	744-33B2	0
857	JIMENEZ PAUL	744-4675	+2
867	MEAD KENNETH REV	744-5939	
	MEAD MARGARET ANN	744-5939	
887	CAMELOT INN	744-1332	7
902	FARMERS INS GROUP	744-2461	+2
	FARMERS INS GROUP	727-4930	+2
	TIRANGLE KNIFE CO	744-4931	+2
	WILLIAMSON S INS AG	744-2461	+2
904	DEANS PHOTO SERVICE	744-712D	1
	EXECUTIVE AVIATION	744-8821	+2
	NORTH CO BK	744-8290	1
	PEARSONS EXEC AVTN	744-8821	+2
	SUBMACHINE DELI	744-0067	1
905	XXXX	00	
907	SAN MRCS PUB STRG	744-6361	1
910	BEALL DIANE J	744-7040	1
	HOAGYS CORNER OFC	744-2560	1
	KOSTON GARY M	744-842D	1
	PAN AM UNDERWRITERS	744-3367	0
	PARK PLAZA CENTER	744-092D	+2
	RES ENTERPRISES	744-4433	+2
	SECRETARIAT	744-6310	+2
	STATE FARM INS CO	744-1245	0
	SUTCLIFFE ELECTRIC	744-3555	+2

/ER EXCEPT AS AUTHORIZED IN WRITING BY HAINES

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W SAN MARCOS BLVD 1982

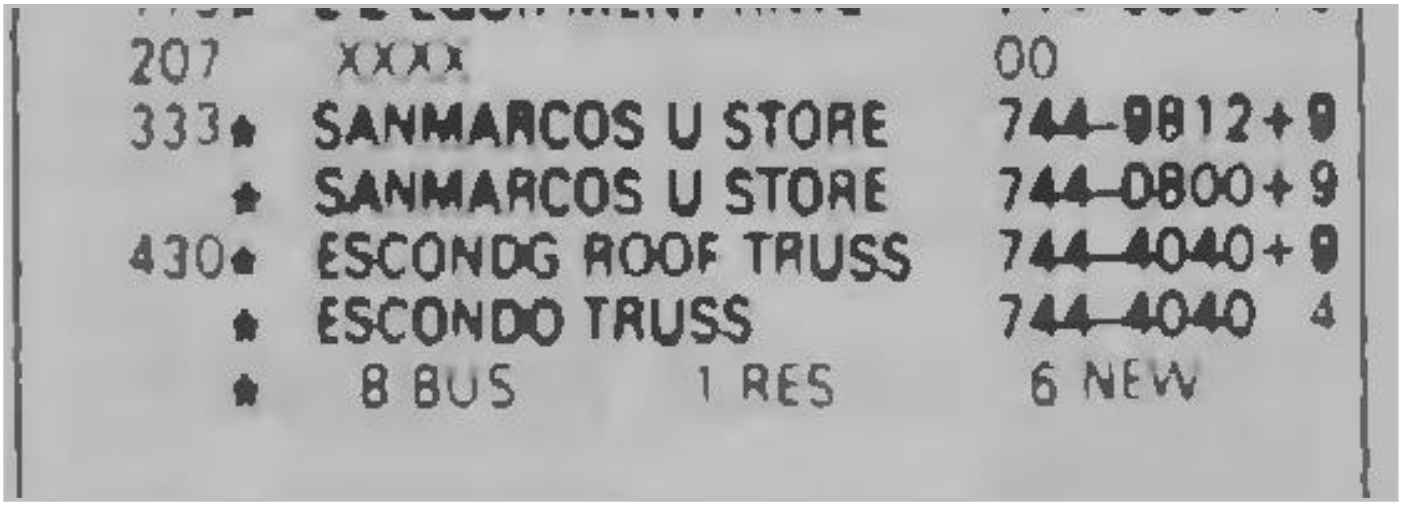


SAN MARCOS BLVD 92069 CONT

	WEST CST CNVNC FOOD	744-2560 1
	ZYCH WAYNE IN5	744-1245 0
920	B C&ASSOCIATES	744-5251 +2
	ROBERTS PAUL V&ASC	744-63B7 1
925	CHOCOLATE FACTORY	744-1413 1
	HYDE BROS CONFCTNRS	744-1413 +2
	LAMME INC	744-1413 7
	MASTERS EXCLSV CNDS	744-1413 9
940	CREATIVE HARDLINES	744-5305 1
	DONS NO 1 STEREO	744-7903 +2
	ESCONDO LAND CO	744-1566 1
	FOOTSIE WOOTSIE	744-1881 1
	NEWLIFE COLONCS INC	744-1881 1
	SAN MRCS TRAVEL	744-894D 1
	TRAVEL NTWRK SN MRC	744-894D 1
	WASCO INC	744-1881 1
	WASCD TRUST	744-1881 1
	WOFFORD LLOYD	744-1881 0
945	EAGLE I BOWL	436-5247 +2
	EAGLE ONE BOWL	744-7000 0
	EAGLES NEST	744-7100 0
950	CAFE STRAUSS	744-2164 0
	CREATIVE CATERING	744-2164 +2
	FOSTER&ASSOCIATES	744-808B +2
960	ABBO EVA M MD	744-B991 1
	ABBO FRED E MD	744-B991 1
	AFFILLIATED PODTRY	744-1714 +2
	FOWKES WILLIAM DR	744-0881 9
	KEITH KELLY MD	744-B991 1
	KIMBALL&KIMBALL	744-2611 1
	KUMASAKA HIRO DDS	744-7774 1
	MUDD BRIAN W DDS	744-7774 +2
	RESNICK JOEL DPM	744-1714 D
	WALLER JOSEPN D DDS	744-9120 9
	ZARNOWITZ MICHAEL	744-0960 0
961	DANTES LIQUOR&DELI	744-9300 9
976	XXXX	00
978	OLSON ALLEN J INC	744-1000 9
1011	XXXX	00
1019	PEPPER TREE NURSERY	744-3B22 6
1020	BUILDING	
	ADOBE LOCK&KEY	744-4D7D 9
	BART EARLES RESTRNT	744-3721 +2
	BRUNOS ITALIAN REST	744-7700 +2
	COWBOY CAFE THE	744-9413 9
138	EUBANK JAS R	744-055D 8
124	FISH HDUSE VERACRUZ	744-8000 D
	GENTLEMANS CHOICE	744-5215 9
142	GRATEFUL BREAD BKRY	744-1182 0
	NAMPTONS RESTAURANT	744-6416 +2
	KING OLOF SMORGSBRD	744-6003 1
	NATURAL FOODS EXPRS	744-68B7 +2
	OLD CALIF MEAT CO	744-B090 0
168	OLD CALIFORNIA	744-0550 0
	RED ONIDN B EARLES	744-3721 +2
110	WOODWARDS FRMRS MK	744-297B 1
1020		
1029	XXXX	00
1039	XXXX	00
1070	XXXX	00
1099	A SEWING&VACCUUM CT	744-6007 +2
1100	SEARS ROEBUCK N SD	744-4500 0
	SEARS RDEBUCK SERV	744-4500 5
1101	R V WORLD	744-607D 7
1125	DEL BENE FRME GLLRY	744-9323 +2
1127	VILLAGE INSTNT PRNT	744-31D2 6
1129	CLARK ALLAN	744-1125 5
	CLARK CAROL	744-1125 6
	JOHNS BEAUTY SALON	744-2056 1
1139	SAN MRCS REALTY	744-1432 1
	WILSON C AL	744-1432 8
1183	STAUDE WALDEN	744-D54D 6
	WALDEN STAUDE	744-054D +2
1205	ROG OS FAMILY REST	744-19B5 1
12D9	XXXX	00
1217	FROLANDER FINE FOOD	439-5817 1
	FROLANDER FINE FOOD	744-BB7D 1
1235	XXXX	00

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

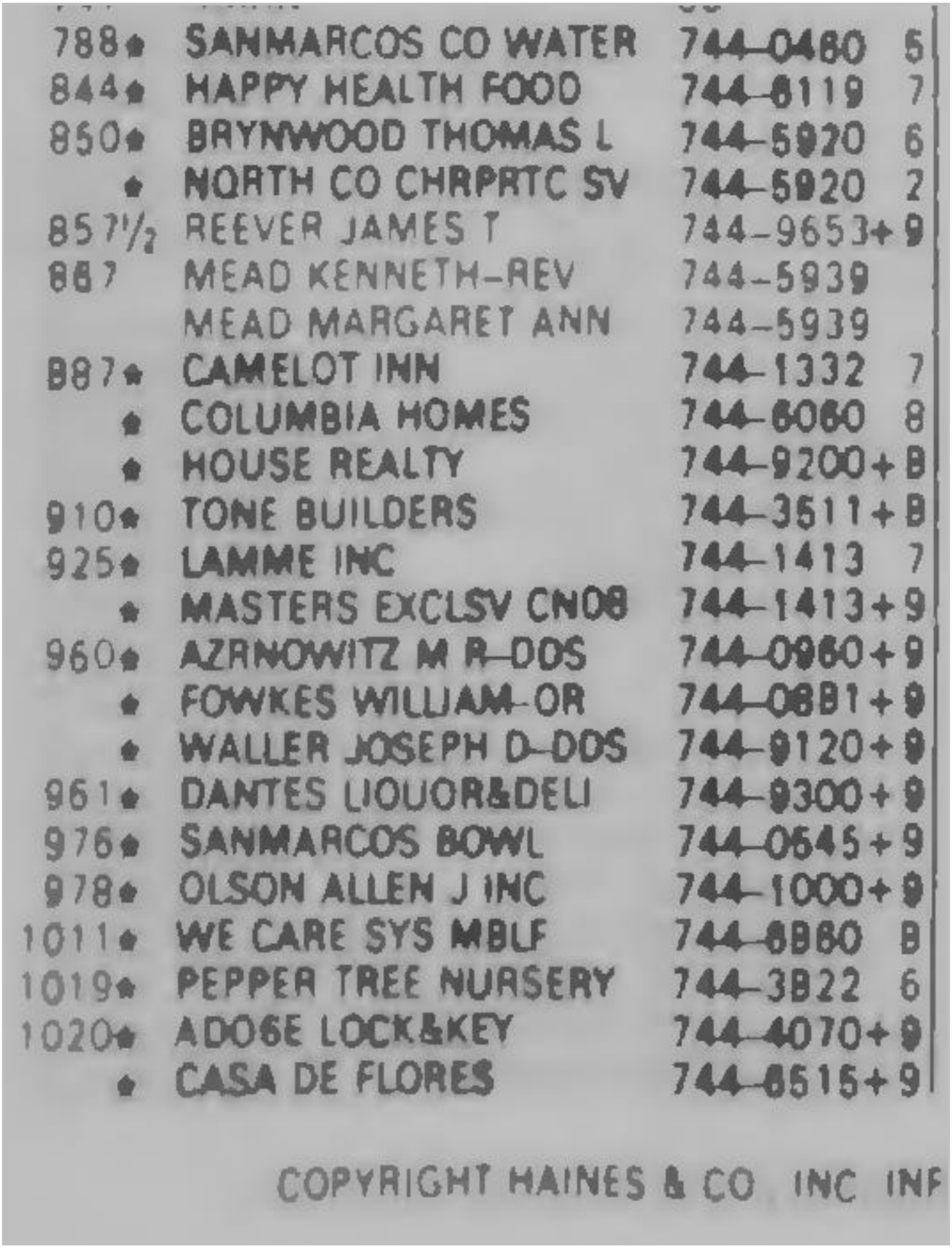
VIA VERA CRUZ 1979



207	XXXX		00
333	*	SANMARCOS U STORE	744-9812+9
	*	SANMARCOS U STORE	744-0800+9
430	*	ESCONDG ROOF TRUSS	744-4040+9
	*	ESCONDO TRUSS	744-4040 4
	*	8 BUS 1 RES	6 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W SAN MARCOS BLVD 1979



788	SANMARCOS CO WATER	744-0480	5
844	HAPPY HEALTH FOOD	744-8119	7
850	BRYNWOOD THOMAS L	744-5920	6
	NORTH CO CHRPRTC SV	744-5920	2
857½	REEVER JAMES T	744-9653+	9
887	MEAD KENNETH-REV	744-5939	
	MEAD MARGARET ANN	744-5939	
887	CAMELOT INN	744-1332	7
	COLUMBIA HOMES	744-6060	8
	HOUSE REALTY	744-9200+	8
910	TONE BUILDERS	744-3511+	8
925	LAMME INC	744-1413	7
	MASTERS EXCLSV CN08	744-1413+	9
960	AZRNOWITZ M R-DDS	744-0960+	9
	FOWKES WILLIAM-OR	744-0881+	9
	WALLER JOSEPH D-DDS	744-9120+	9
961	DANTES LIQUOR&DELI	744-9300+	9
976	SANMARCOS BOWL	744-0645+	9
978	OLSON ALLEN J INC	744-1000+	9
1011	WE CARE SYS MBLF	744-8860	8
1019	PEPPER TREE NURSERY	744-3822	6
1020	ADOBE LOCK&KEY	744-4070+	9
	CASA DE FLORES	744-8515+	9

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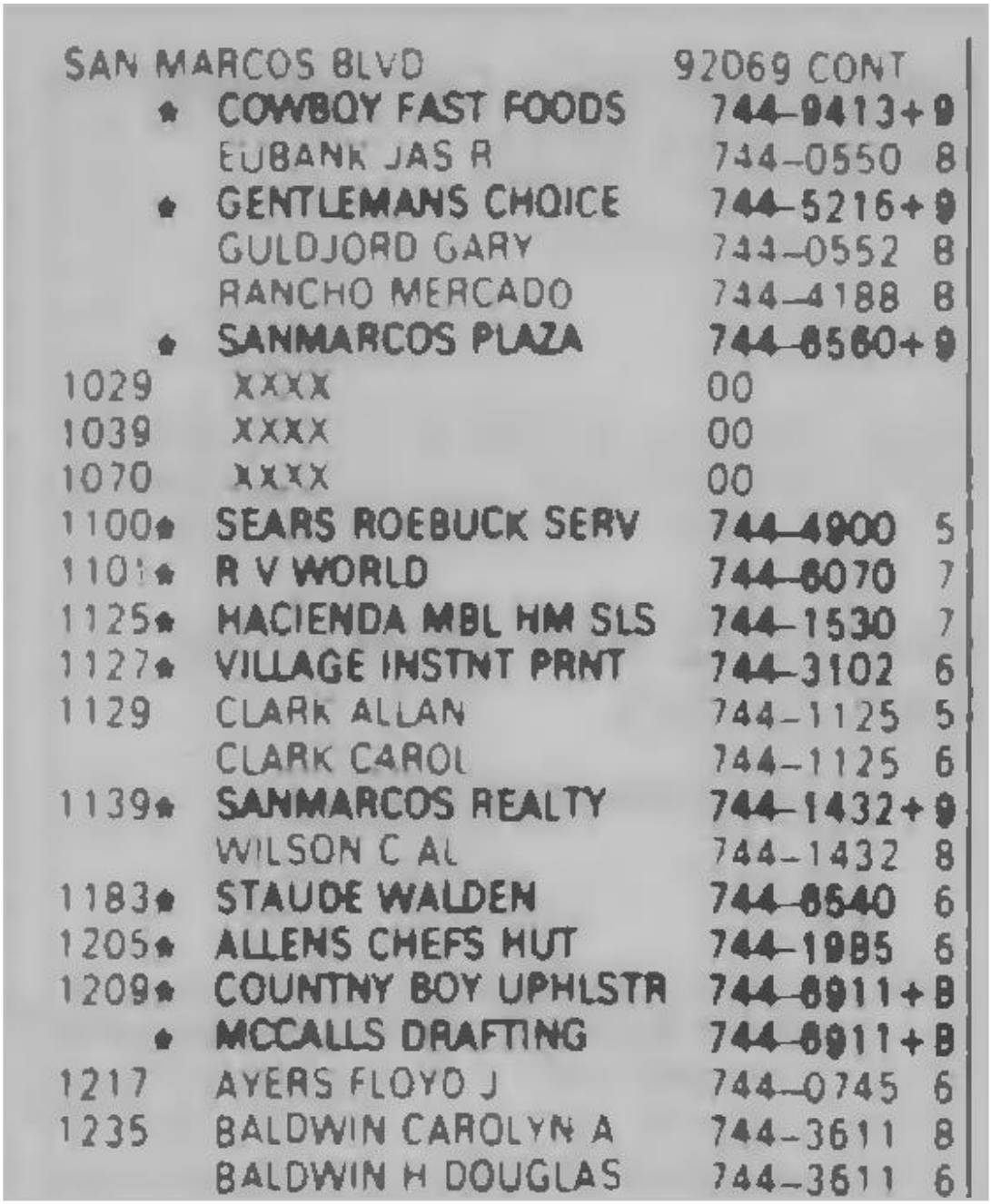
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W SAN MARCOS BLVD 1979



SAN MARCOS BLVD		92069 CONT	
*	COWBOY FAST FOODS	744-9413+	9
	EUBANK JAS R	744-0550	8
*	GENTLEMANS CHOICE	744-5216+	9
	GULDJORD GARY	744-0552	8
	RANCHO MERCADO	744-4188	8
*	SANMARCOS PLAZA	744-6560+	9
1029	XXXX	00	
1039	XXXX	00	
1070	XXXX	00	
1100*	SEARS ROEBUCK SERV	744-4900	5
1101*	R V WORLD	744-6070	7
1125*	HACIENDA MBL HM SLS	744-1530	7
1127*	VILLAGE INSTNT PRNT	744-3102	6
1129	CLARK ALLAN	744-1125	5
	CLARK CAROL	744-1125	6
1139*	SANMARCOS REALTY	744-1432+	9
	WILSON C AL	744-1432	8
1183*	STAUDE WALDEN	744-6540	6
1205*	ALLENS CHEFS HUT	744-1985	6
1209*	COUNTNY BOY UPHLSTR	744-6911+	8
*	MCCALLS DRAFTING	744-6911+	8
1217	AYERS FLOYD J	744-0745	6
1235	BALDWIN CAROLYN A	744-3611	8
	BALDWIN H DOUGLAS	744-3611	6

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

VIA VERA CRUZ 1975

VIA VERA CRUZ 92069 SAN MARCOS

145*OCHS CLARENCE C 744-5441•5
*TEXACO INC 744-5441•5
207 XXXX 00
430*ESCONDIDO RF TRUSS 744-4040 4
* 3 BUS 1 RES 2 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W SAN MARCOS BLVD 1975

788	*SAN MRCS CO WTR AOM	744-0460	2
844	*FOUNTAIN OF HEALTH	744-0119	3
850	*BRYNWOOO THOMAS L	744-5920	4
	*CASA OEARTES GALLRY	744-3352	4
	*NORTH CO CHIROPRCTC	727-7235	3
	*NORTH CO CHIROPRTC	744-5920	2
857	CORNS SAML W	744-3816	3
	TAYLOR JIM	744-1448	4
867	MEAO KENNETH REV	744-5939	
	MEAO MARGARET ANN	744-5939	
887	*M&M PLUMBING CO	744-2301	+5
925	*HYOE 8ROS INC	744-1413	3
	*LAMME INC	744-1413	3
961	VANOERWOUOE EONA	744-0447	
	VANOERWOUOE RAY	744-0447	
978	*OLSON ALLEN J INC	744-2252	4
1019	*PEPPER TREE NURSERY	744-3822	3
	STRICKER RICHARO	744-3529	3
	*WOOOCARVER THE	744-3529	4
1029	*THOMPSON EOWIN PLAN	744-1505	3
1039	*SAN MARCOS REALTY	744-1432	
	*WILSON C AL REALTY	744-1432	
1070	EU8ANK JAMES R	744-4188	+5
1100	*SEARS ROEBUCK SERV	744-4500	+5
1101	*SAN MARCS COACH&SPL	744-4401	4
1125	*SAN MARCOS FLORIST	744-1634	3
1129	CLARK ALLAN	744-1125	+5
	CLARK CAROL	744-1125	+5
1183	*STAUOE W REAL EST	744-0540	2
1183½	SIEOLER M L	744-4363	+5
1205	*COPPER KETTLE RSTRN	744-1762	+5
1217	*ALPINE TRAVEL CNTR	744-2010	0
	AYERS FLOYO J	744-0745	
1235	BALOWIN CAROLYN A	744-3611	3
	8ALOWIN H OOUGLAS	744-3611	3

Appendix F

Preliminary Hydrology/Drainage Study

APPENDIX 5

Drainage Exhibits

CITY OF SAN MARCOS
060296

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 12 SOUTH, RANGE 3 WEST AND THE RANCHO LOS VALLECITOS DE SAN MARCOS LAND GRANT

RANCHO LOS VALLECITOS DE SAN MARCOS LAND GRANT

1% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT

LIMIT OF FLOODWAY

ZONE AE
(EL 519)

ZONE AE

ZONE AE

REVISED AREA

JOINS PANEL 0793

1995000 FT

COMMERCE ST

VIA VERA CRUZ

VIA VERA CRUZ

EXHIBIT A

Legend

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 500'

250 0 500 FEET

150 0 150 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0789H

FIRM
FLOOD INSURANCE RATE MAP

SAN DIEGO COUNTY,
CALIFORNIA
AND INCORPORATED AREAS

PANEL 789 OF 2375
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
SAN DIEGO COUNTY	060284	0789	H
SAN MARCOS, CITY OF	060296	0789	H
VISTA, CITY OF	060297	0789	H

REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013

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
06073C0789H

MAP REVISED
MAY 16, 2012

Federal Emergency Management Agency

$^{36}67^{000m}$ N

$^{36}66^{000m}$ N

JOINS PANEL 0789

BOARDWALK

CITY OF SAN MARCOS
060296

ZONE AE

ZONE AE

ZONE AE

ZONE AE

REVISED AREA

Northern Split

San Marcos Creek
Highway 78 Splitflow

San Marcos Creek

Twin Oaks Valley Creek

Culvert

1% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT

0.2% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT

DX1195

RANCHO LOS VALLECITOS DE SAN MARCOS LAND GRANT

LOS VALLECITOS BLVD
BINGHAM DR
LINDA VISTA DR
VALLECITOS DE ORO
KNOLL RD
NECHO LN
LOS VALLECITOS BLVD
WESTLAKE DR
CHINABERRY LN
CHINABERRY LN
POSITIVE PL
PICO AVE
TWIN OAKS VALLEY RD
LOWERY LN
JOHNSTON LN
BALDWIN LN
TRAVELERS WAY
COMMERCE ST
MARANATHA WAY
Private Road
DAISY LN
CRIBBAGE LN
PARK PL
GRAND AVE
S BENTAVE
DISCOVERY ST
ECHO LN
HAPPY HILL LN
LOCUST ST
JOY CT
Private Rd
Private Rd
Private Rd
Private Rd
VIA VERA CRUZ
CRAVEN RD
LUPINE DR
HONEYGLEN DR
WINDRIDGE CIR
SHENANDOAH AVE
FOXHALL CT
SONOMA ST
TERRIER WAY
SHUBIN LN

546 542 543 546 550 544 552 554 556 558 560 562 564 566 567 568 557 553 550 539 537 535 548 545 539 537 535

A B C D E F G H I

78

Legend

- 1% annual chance (100-Year) Floodplain
- 1% annual chance (100-Year) Floodway
- 0.2% annual chance (500-Year) Floodplain

MAP SCALE 1" = 500'

250 0 500 FEET

150 0 150 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0793G

FIRM
FLOOD INSURANCE RATE MAP

SAN DIEGO COUNTY,
CALIFORNIA
AND INCORPORATED AREAS

PANEL 793 OF 2375
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
SAN MARCOS, CITY OF	060296	0793	G

REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013

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
06073C0793G

MAP REVISED
MAY 16, 2012

Federal Emergency Management Agency

EXHIBIT A

LEGEND

- PROJECT BOUNDARY
- DRAINAGE BOUNDARY
- EXISTING FLOODPLAIN
- FLOW DIRECTION
- HYDROLOGY NODE
- AREA FROM UPSTREAM TO DOWNSTREAM NODE (XXX AC)
- DRAINAGE FLOWPATH

SYSTEM 100
AREA=18.4 AC
Q(100)=122.8 CFS

SYSTEM 200
AREA=2.0 AC
Q(100)=8.4 CFS

EXISTING FEMA FLOODPLAIN

EXISTING FEMA FLOODWAY

PROJECT BOUNDARY

0.08 AC
0.51 AC
1.34 AC
0.16 AC
0.44 AC
0.69 AC
1.09 AC
0.42 AC
1.53 AC
0.30 AC
0.28 AC
0.40 AC
0.92 AC
1.06 AC
1.14 AC
0.39 AC
0.29 AC
0.17 AC
2.06 AC
1.21 AC
0.37 AC
0.36 AC
0.41 AC
0.06 AC
0.30 AC
0.08 AC
1.51 AC
0.46 AC
0.21 AC
0.07 AC
0.06 AC
1.91 AC
0.12 AC

FUTURE SEARS SITE PER SDP 17-0006

VIA VERA CRUZ

BOARDWALK

SAN MARCOS BLVD

SCALE: 1"=30'

SCALE:	1"=30'
JOB #:	4457
CREATED:	8/18/21

PREPARED BY:

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey

701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

CITY OF SAN MARCOS

RESTAURANT ROW

DRAINAGE MAP
EXISTING CONDITIONS
EXHIBIT B

P:\4457\Engr\Reports\Drainage\[EXI\4457 Existing.dwg 8/22/2022 7:34:05 PM

SYSTEM 100
AREA=18.5 AC
Q(100)=104.6 CFS

SYSTEM 200
AREA=2.1 AC
Q(100)=11.3 CFS

LEGEND

- PROJECT BOUNDARY
- DRAINAGE BOUNDARY
- EXISTING FLOODPLAIN
- FLOW DIRECTION
- HYDROLOGY NODE
- AREA FROM UPSTREAM TO DOWNSTREAM NODE (X.XX AC)
- DRAINAGE FLOWPATH

EXISTING FEMA FLOODPLAIN
EXISTING FEMA FLOODWAY
PROJECT BOUNDARY
FUTURE PARK
FUTURE SEARS SITE PER SDP 17-0006
EX. CHANNEL PER GP 102
PVT. DRIVE 'A'
PVT. DRIVE 'B'
PVT. DRIVE 'C'
PVT. DRIVE 'D'
PVT. DRIVE 'E'
PVT. DRIVE 'F'
PVT. DRIVE 'G'
PVT. DRIVE 'I'
PVT. DRIVE 'K'
BOARDWALK
VIA VERA CRUZ
SAN MARCOS BLVD

SCALE: 1"=30'

SCALE:	1"=30'
JOB #:	4457
CREATED:	8/18/21

PREPARED BY:

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

CITY OF SAN MARCOS
RESTAURANT ROW
DRAINAGE MAP
PROPOSED CONDITIONS
EXHIBIT C

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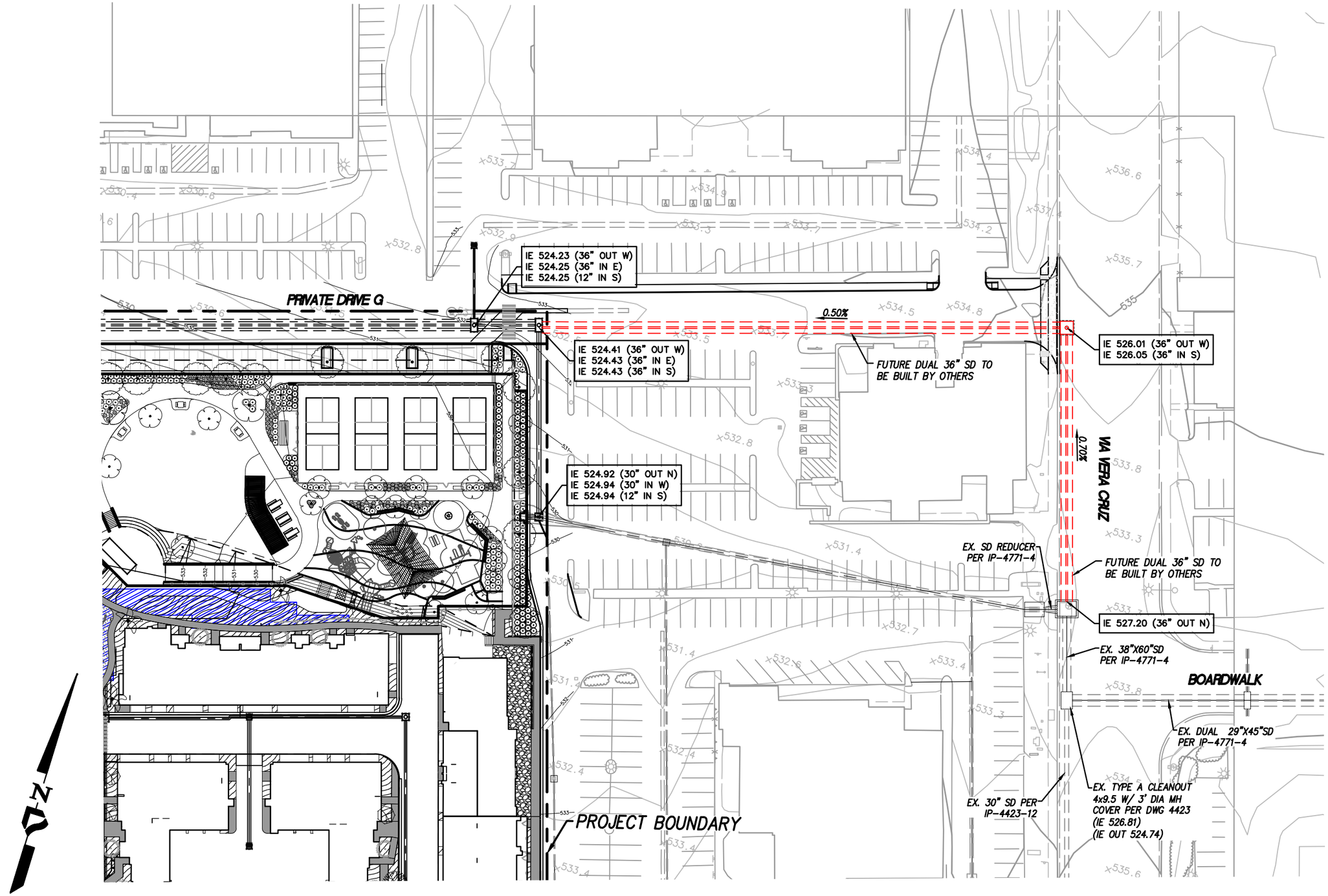


SCALE:	1"=60'
JOB #:	4457
CREATED:	9/20/22

PREPARED BY:

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Environmental | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

CITY OF SAN MARCOS

RESTAURANT ROW

CONCEPT ULTIMATE CONDITION SD ALIGNMENT BY OTHERS EXHIBIT D

P:\4457\Engr\Reports\Drainage\EXH\4457 Ult Cond SD Alignment Exhibit.dwg 7/10/2023 3:43:09 PM

Appendix G

Hydraulics Analysis/Floodplain Study

HYDRAULIC ANALYSES

FOR

RESTAURANT ROW

July 27, 2023

Wayne W. Chang, MS, PE 46548, Exp. 6/30/2023

ChangConsultants

Civil Engineering ◦ Hydrology ◦ Hydraulics ◦ Sedimentation

P.O. Box 9496
Rancho Santa Fe, CA 92067
(858) 692-0760

TABLE OF CONTENTS

Introduction.....1

Hydraulic Analysis.....2

Conclusion 4

LOMR Determination Document 5

APPENDIX

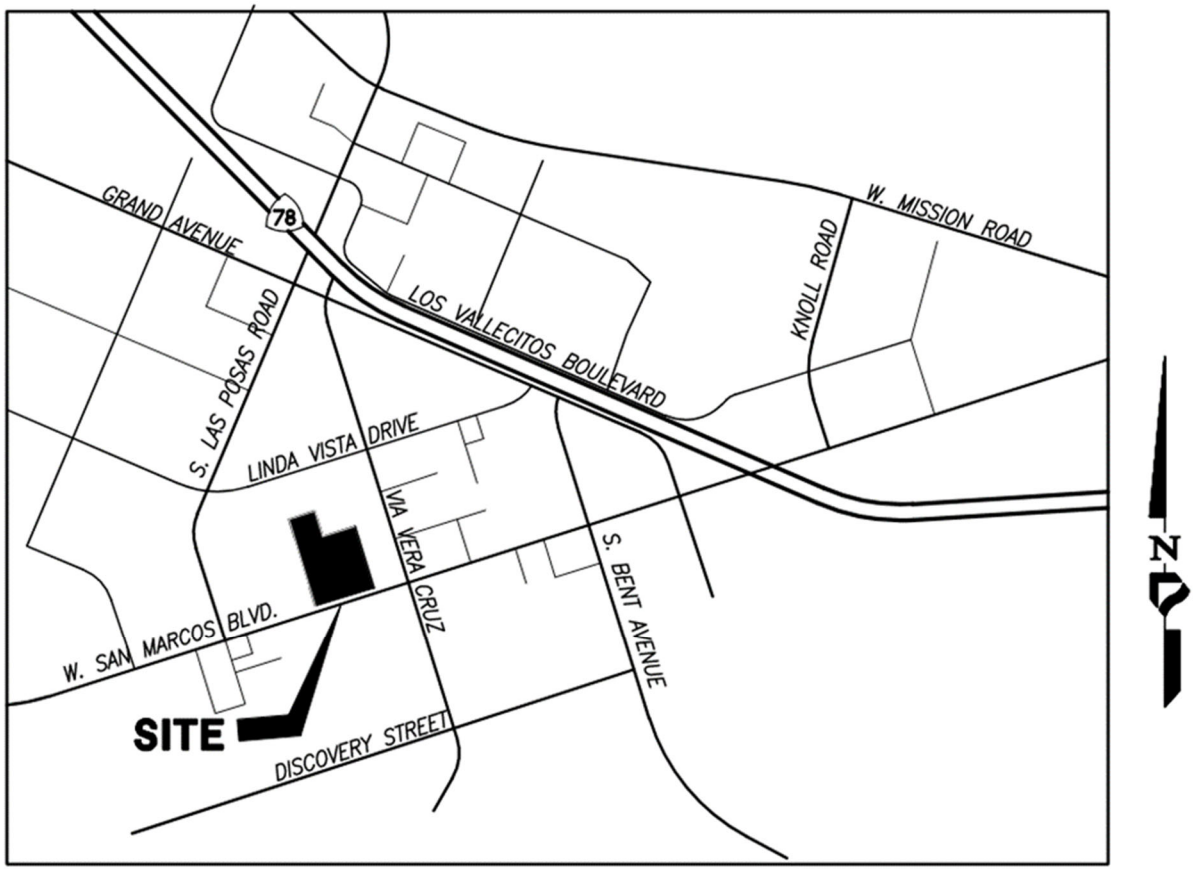
A. Draft MT-2 Forms (will finalize with CLOMR), HEC-RAS Effective, Existing Condition, and Proposed Conditions Results

MAP POCKET

Existing Condition HEC-RAS Work Map
Proposed Condition HEC-RAS Work Map

INTRODUCTION

The proposed Restaurant Row redevelopment project will be located within Old California Restaurant Row in the city of San Marcos. The site is bounded by West San Marcos Boulevard to the south and Via Vera Cruz to the east (see the Vicinity Map). Surrounding uses include Wells Fargo Bank, a Buffalo Wild Wings, and additional restaurants to the east as well as health service and commercial buildings to the north. An unoccupied commercial site and a Regal Edwards cinema are to the west. Vacant land and commercial uses are south along the opposite side of West San Marcos Boulevard. Under existing conditions, the project area consists of commercial development with restaurants surrounded by a large parking lot. The site generally drains towards its center within the middle of the large parking lot. Surface grates collect project runoff and convey the runoff to an existing 30-inch pipe that runs west through site. This 30-inch pipe connects an upstream 36-inch by 60-inch elliptical pipe from Via Vera Cruz to an existing downstream concrete trapezoidal channel west of the site. San Marcos Creek is located approximately 1,000 feet south of the site and ultimately collects the project's storm runoff.



VICINITY MAP

NOT TO SCALE

The project proposes a mixed-use zone that incorporates retail storefronts, urban living, and community destinations in a vertical pedestrian-oriented setting. To maintain the pedestrian-oriented setting, the ground floor will be limited to retail and other active uses along the primary street frontage of Via Vera Cruz and West San Marcos Boulevard. Residential units will

encompass the majority of the site, including homes over commercial units along the project frontage. Another project known as the Sears Site, under a different developer, is adjacent and west of this project. The Sears Site and this Restaurant Row project are designed in conjunction to provide a pedestrian paseo access between both sites. The pedestrian access is included throughout this project connecting to the Sears Site in order to provide pedestrian access from Buffalo Wild Wings to the Regal Edwards cinema. This pedestrian paseo corridor also serves as a secure, illuminated access throughout the project site. A flood park is implemented in the existing floodway (see FEMA discussion below) with a variety of amenities tolerant of inundation. The proposed site will allow for opportunity to program special events for the community.

FEMA has mapped a 100-year floodplain, 500-year floodplain, and regulatory floodway within the site. These are associated with the "North Split" from San Marcos Creek and contained on Flood Insurance Rate Map No. 06073C0793G. FEMA's Letter of Map Revision Determination Document is attached after this report text and became effective March 7, 2013.

The project grading is being designed by Project Design Consultants (PDC). The project will fill areas north and south of the floodway to raise the proposed buildings above the 100-year floodplain elevations with required freeboard. Grading and encroachments will be minimized within the floodway. This report contains preliminary existing and proposed condition 100-year hydraulic analyses for entitlement of the redevelopment project.

HYDRAULIC ANALYSIS

The FEMA effective study was performed about a decade ago, so an updated 100-year HEC-RAS (latest version 6.3.1) floodplain analysis was performed for the North Split based on July 16, 2021 1-foot contour interval topographic mapping prepared for the project (NAVD 88). The HEC-RAS Work Map in the map pocket contains the topographic mapping and cross-sections as well as the proposed grading. The existing condition cross-sections start just below the site and extend just upstream of the site. Cross-sections 3041.591 and 3496.377 are at the same locations as the effective cross-sections, but based on the recent mapping. Additional existing condition cross-sections (2910.673, 3196.821, 3348.291, 3614.247, and 3753.787) were added to allow a more detailed analysis of the site than the effective model. Downstream cross-section 2623.03 and upstream cross-section 3952.589 are at the effective locations and from the effective model for tie-in purposes. Cross-sections 3196.821 to 3753.787 are at the lower and upper ends of the project footprint. For proposed conditions, these two cross-sections as well as the intermediate ones were modified to reflect PDC's grading plan.

The prior Sears site is just west of Restaurant Row. The Sears site is currently being permitted. The most recent grading was obtained and proposed condition cross-sections 2910.673 and 3041.591 reflect the grading.

The following describes the additional HEC-RAS input parameters and results. The FEMA 100-year flow rate of 2,136.96 cubic feet per second was used. The downstream starting floodplain and floodway water surface elevations at cross-section 2623.023 were set at 528.57 and 528.92 feet NAVD 88, respectively, to tie in with the effective model. The effective model uses a roughness

coefficient of 0.020 throughout the study reach analyzed in this report. This is likely because the floodplain primarily contains paved surfaces as well as landscape islands, trees, and lighting (see Figure 1). Asphalt pavement has a roughness coefficient of 0.013 to 0.016 per the County of San Diego *Hydraulic Design Manual.* The effective combined roughness of the asphalt, scattered landscaping, lighting, and other improvements is 0.020. The existing condition model uses a roughness coefficient of 0.020 consistent with the effective model. The proposed conditions park area design is under development, but is currently proposed with a dog park (n=0.030), skate park (n=0.015), landscaping (0.030 for grass to 0.040 for plants), and playground (0.030). The park area is outlined on the proposed condition rational method work map. The proposed driveways and parking are modeled with n=0.020. The other portions of the proposed conditions cross-sections use the same n=0.020 as existing conditions.

Figure 1. Existing Parking Lot within Restaurant Row

The effective, existing, and proposed condition 100-year results are included in Appendix A and summarized in Table 1. The proposed condition elevations are mostly equal to or less than the existing condition elevations. The proposed condition 100-year water surface elevation is slightly higher than the existing condition elevation at cross-section 3348.291, but the proposed condition elevation is lower than the effective elevation. The water surface elevations match at the upstream tie-in at cross-section 3952.589.

FIRM Station	River Station	Dup. Effective WSE, ft	Existing WSE, ft	Proposed WSE, ft	Prop. – Exist. WSE, ft	Prop. – Effect. WSE, ft
	3952.589	535.03	535.03	535.03	0.00	0.00
	3753.787		532.74	532.71	-0.03	
	3614.247		532.15	531.57	-0.58	
	3496.377	532.21	531.38	531.02	-0.36	-1.19
	3348.291		530.10	530.22	0.12	
	3196.821		530.26	530.13	-0.13	
A	3041.591	529.75	529.71	529.38	-0.33	-0.37
	2910.673		529.41	529.41	0.00	
	2623.023	528.57	528.57	528.57	0.00	0.00

Table 1. 100-Year HEC-RAS Water Surface Elevation (WSE) Results (NAVD 88)

A proposed condition 100-year floodway analysis was also performed. The results are included with the proposed condition floodplain analysis in Appendix A, and show that the surcharge at cross-sections 2623.023 to 3952.589 is between 0 and 1 feet so meet FEMA requirements. The upstream effective and proposed condition floodway elevations at cross-section 3952.589 match and are 535.03 NAVD 88. The proposed condition floodway is plotted on the Proposed Condition HEC-RAS Work Map along with the effective floodway. The plotting shows that the proposed condition floodway is generally along or inside the effective floodway, so the proposed condition floodway will not impact floodway-related development potential on surrounding properties.

CONCLUSION

Existing and proposed condition 100-year HEC-RAS hydraulic analyses have been performed for entitlement of the Restaurant Row project. The proposed conditions reflect Project Design Consultants' entitlement grading plans. The site design is intended to minimize floodway encroachments and results in minor changes to the existing condition 100-year water surface elevations. The proposed condition water surface elevations are generally lower than existing conditions. There is a minor increase in water surface elevations at cross-section 3348.291, but the proposed 100-year water surface elevation is lower than FEMA's current effective elevation, so there is no impact on the effective floodplain. In addition, no insurable structures are affected.

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	City of San Marcos San Diego County California	NO PROJECT	HYDRAULIC ANALYSIS FLOODWAY NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 060296		
IDENTIFIER	San Marcos Creek	APPROXIMATE LATITUDE & LONGITUDE: 33.132, -117.193 SOURCE: USGS QUADRANGLE DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
TYPE: FIRM* NO.: 06073C0793G DATE: May 16, 2012 TYPE: FIRM* NO.: 06073C0789G DATE: May 16, 2012	DATE OF EFFECTIVE FLOOD INSURANCE STUDY REPORT: May 16, 2012 PROFILE(S): 392P, 393P, 394P and 398P NEW PROFILE(S): 200P(a) and 565P FLOODWAY DATA TABLE: 13

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map; ** FBFM - Flood Boundary and Floodway Map; *** FHBM - Flood Hazard Boundary Map

FLOODING SOURCE(S) & REVISED REACH(ES) **See Page 2 for Additional Flooding Sources**

San Marcos Creek - from the upstream side of West Discovery Street to approximately 60 feet downstream of Twin Oaks Valley Road

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
San Marcos Creek	Zone AE	Zone AE	YES	YES
	BFEs*	BFEs	YES	YES
	Floodway	Floodway	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

Siamak Esfandiary, Ph.D., P.E., Program Specialist
Engineering Management Branch
Federal Insurance and Mitigation Administration

125360 PT202.02.BKR.12091029P.H17 102-I-A-C

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) & REVISED REACH(ES)

San Marcos Creek- Highway 78 Splitflow - from the San Marcos Creek confluence to the San Marcos Creek divergence

Northern Split - from the Las Posas Creek (Lower) confluence to the San Marcos Creek Highway 78 Splitflow divergence

Las Posas Creek (Lower) - from the San Marcos Creek confluence to the Northern Split confluence

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
San Marcos Creek- Highway 78 Splitflow	Zone AE	Zone AE	YES	YES
	Floodway	Floodway	YES	YES
	BFEs*	BFEs	YES	YES
Northern Split	Zone AO	Zone AE	YES	YES
	Zone AO	Floodway	YES	NONE
	Zone AE	Floodway	NONE	YES
	Zone AE	Zone AE	YES	YES
	Depths	BFEs	YES	NONE
	BFEs	BFEs	YES	YES
Las Posas Creek (Lower)	Zone AE	Zone AE	YES	YES
	Floodway	Floodway	YES	YES
	BFEs	BFEs	YES	YES

* BFEs - Base Flood Elevations

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

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Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

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Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Ms. Sally M. Ziolkowski
Director, Mitigation Division
Federal Emergency Management Agency, Region IX
1111 Broadway Street, Suite 1200
Oakland, CA 94607-4052
(510) 627-7175

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

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Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp.

LOCAL NEWSPAPER Name: *The North County Times*
Dates: October 31, 2012 and November 7, 2012

Within 90 days of the second publication in the local newspaper, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination information presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our website at http://www.fema.gov/business/nfip.

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Engineering Management Branch
Federal Insurance and Mitigation Administration

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Las Posas Creek (Upper)								
A	2,325 [1]	230	244	6.5	541.7	541.7	541.7	0.0
B	2,535 [1]	45	97	9.4	542.3	542.3	543.1	0.8
C	3,175 [1]	35	160	5.8	551.4	551.4	551.4	0.0
D	3,785 [1]	160	204	7.0	553.0	553.0	554.0	1.0
E	4,400 [1]	70	163	8.7	559.1	559.1	559.1	0.0
F	5,325 [1]	37	160	8.9	567.8	567.8	567.9	0.1
G	5,975 [1]	20	109	13.0	571.7	571.7	572.1	0.4
Las Posas Creek (Lower)								
A	1,045 [2]	319	1,574	1.6	521.3	521.3	521.4	0.1
B	1,625 [2]	513	1,853	1.3	521.4	521.4	521.6	0.2

REVISED DATA

[1] Feet Above Linda Vista Drive

[2] Feet above Confluence with San Marcos Creek

REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013

TABLE 13

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

FLOODWAY DATA

LAS POSAS CREEK (UPPER) - LAS POSAS CREEK (LOWER)

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Lake San Marcos/ San Marcos Creek								
ZU	1,440 [1]	220	4,212	3.8	503.3	503.3	503.3	0.0
ZV	3,710 [1]	320	4,183	4.0	503.5	503.5	503.5	0.0
ZW	5,270 [1]	388	5,060	3.5	503.7	503.7	503.7	0.0
ZX	6,840 [1]	275	4,162	4.2	505.4	505.4	505.5	0.1
ZY	7,730 [1]	400	2,399	5.8	510.9	510.9	510.9	0.0
ZZ	8,400 [1]	450	1,793	8.6	513.1	513.1	513.2	0.1
San Marcos Creek								
A	2,110 [2]	572	3,143	4.7	518.7	518.7	518.8	0.1
B	3,268 [2]	162	1,035	10.9	521.1	521.1	521.6	0.5
C	5,015 [2]	435	1,618	7.0	528.4	528.4	528.7	0.3
D	6,863 [2]	480	2,301	4.9	537.0	537.0	538.0	1.0
E	8,144 [2]	427	1,967	5.0	542.0	542.0	542.4	0.4
F	9,283 [2]	422	1,758	5.4	546.5	546.5	547.1	0.6
G	10,326 [2]	413	1,913	4.9	551.7	551.7	552.0	0.3
H	12,173 [2]	290	1,993	6.3	565.7	565.7	565.8	0.1
I	13,541 [2]	285	2,270	5.5	567.8	567.8	568.3	0.5
J	14,920 [2]	245	2,079	2.5	574.8	574.8	574.8	0.0
K	15,657 [2]	220	1,043	4.2	576.5	576.5	576.5	0.0
L	16,782 [2]	175	1,164	4.9	589.6	589.6	589.6	0.0
M	18,222 [2]	130	436	10.1	596.5	596.5	596.6	0.1
N	19,614 [2]	227	681	6.5	610.1	610.1	610.6	0.5
O	20,585 [2]	103	630	7.0	619.7	619.7	620.7	1.0
P	21,225 [2]	181	760	5.8	624.3	624.3	625.3	1.0

REVISED DATA

[1] Feet above San Marcos Dam

[2] Feet above Lake San Marcos

REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013

TABLE 13

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

FLOODWAY DATA

LAKE SAN MARCOS/SAN MARCOS CREEK - SAN MARCOS CREEK

FLOODING SOURCE		FLOODWAY			1-PERCENT-ANNUAL-CHANCE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
San Marcos Creek - Highway 78 Split Flow								
A	2,651 [1]	138	265	7.9	552.8	552.8	552.8	0.0
B	3,470 [1]	216	452	8.2	556.5	556.5	556.5	0.0
C	4,440 [1]	168	433	8.6	562.3	562.3	562.3	0.0
Northern Split								
A	1,248 [2]	100	438	4.9	529.8	529.8	530.7	0.9
B	2,480 [2]	155	289	7.4	536.6	536.6	536.6	0.0
C	3,660 [2]	230	333	6.4	545.0	545.0	545.0	0.0

[1] Feet above Confluence with San Marcos Creek

[2] Feet above Confluence with Las Posas Creek (Lower)

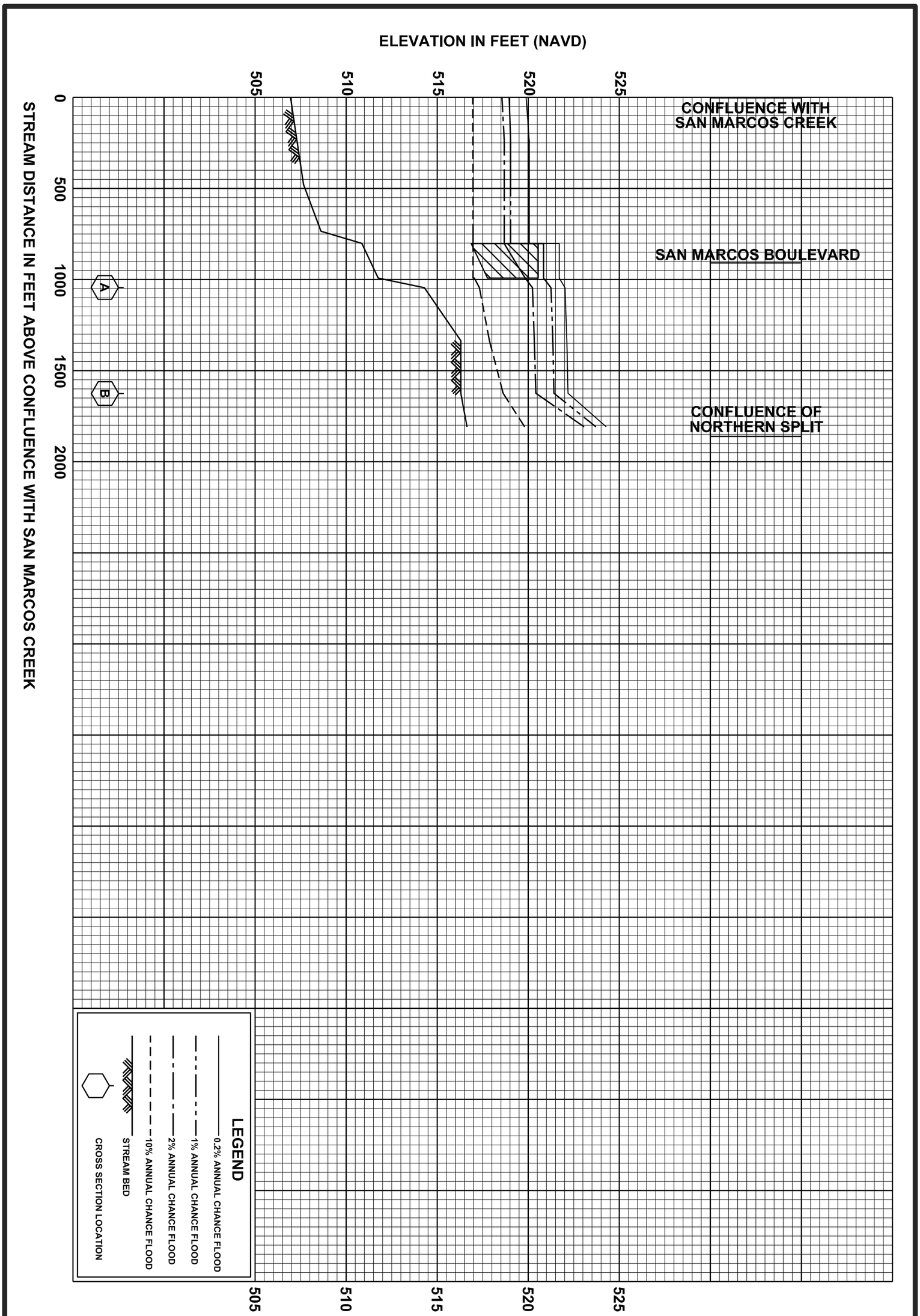
REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013

TABLE 13

FEDERAL EMERGENCY MANAGEMENT AGENCY
SAN DIEGO COUNTY, CA
AND INCORPORATED AREAS

FLOODWAY DATA

SAN MARCOS CREEK-HIGHWAY 78 SPLIT FLOW - NORTHERN SPLIT



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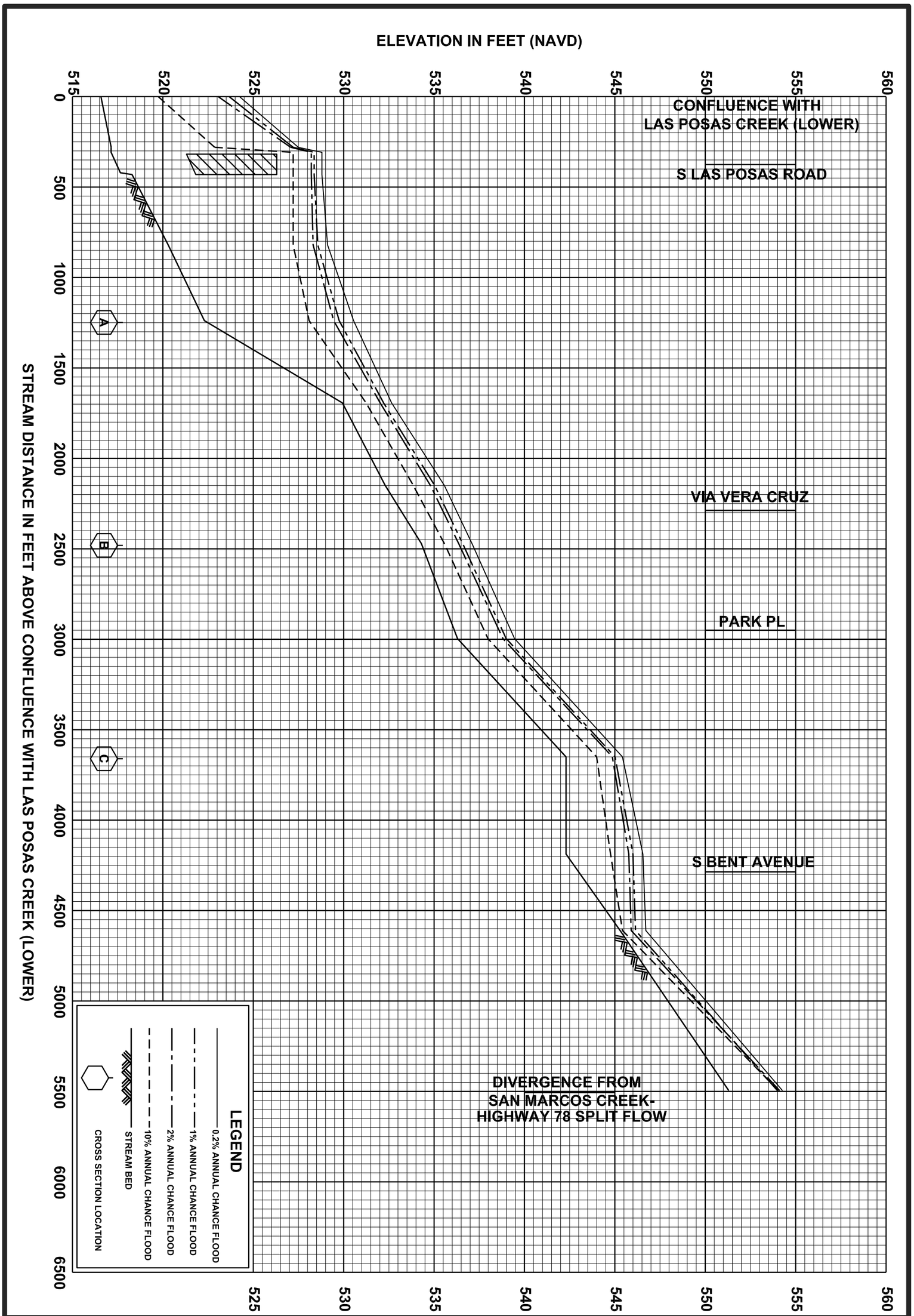
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA
(AND INCORPORATED AREAS)

FLOOD PROFILES

LAS POSAS CREEK (LOWER)

REVISED TO
REFLECT LOMR
EFFECTIVE: March 7, 2013



565P

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA
(AND INCORPORATED AREAS)

FLOOD PROFILES

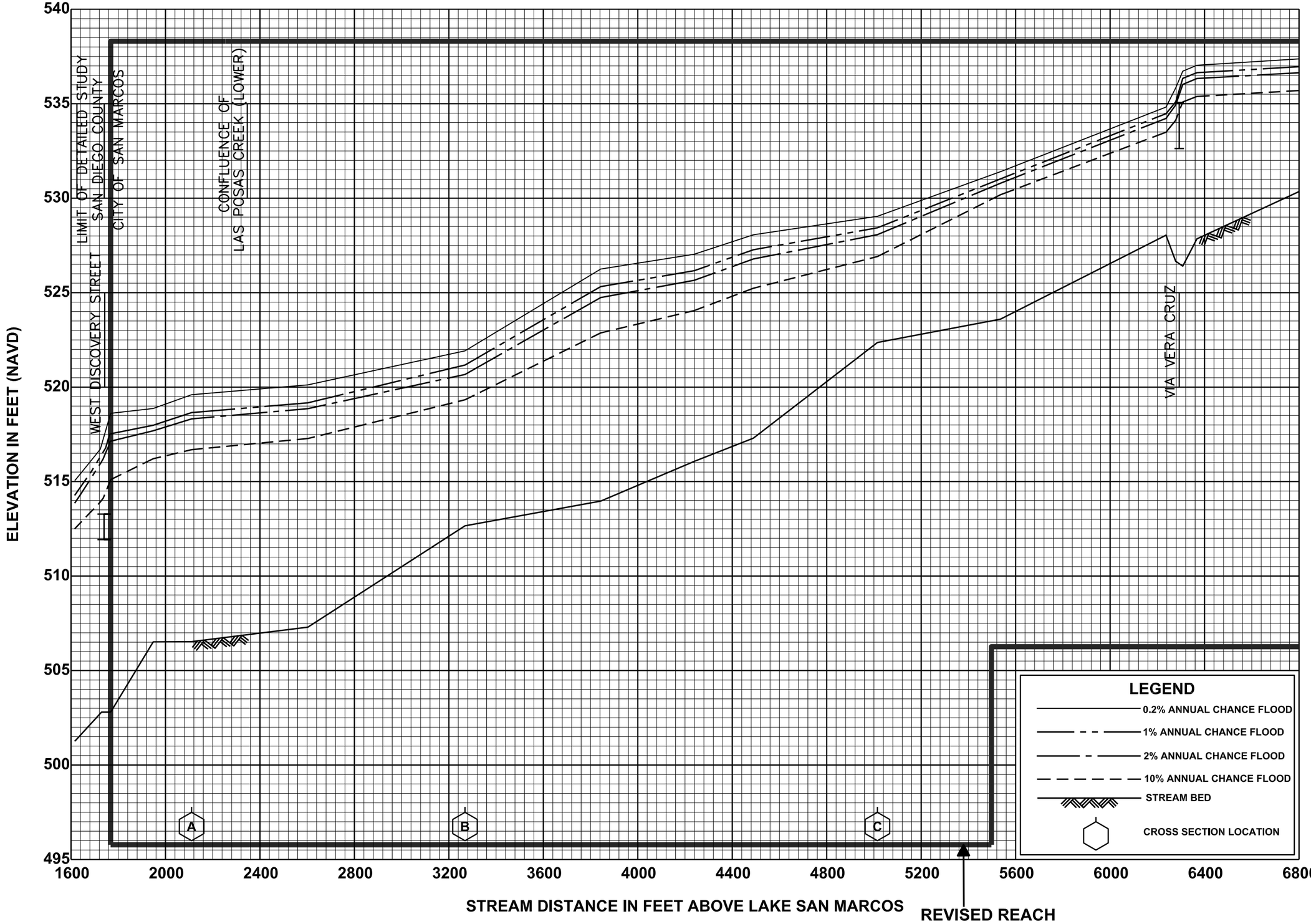
NORTHERN SPLIT

REVISED TO
REFLECT LOMR
EFFECTIVE: March 7, 2013

FLOOD PROFILES

SAN MARCOS CREEK

REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013



FEDERAL EMERGENCY MANAGEMENT AGENCY

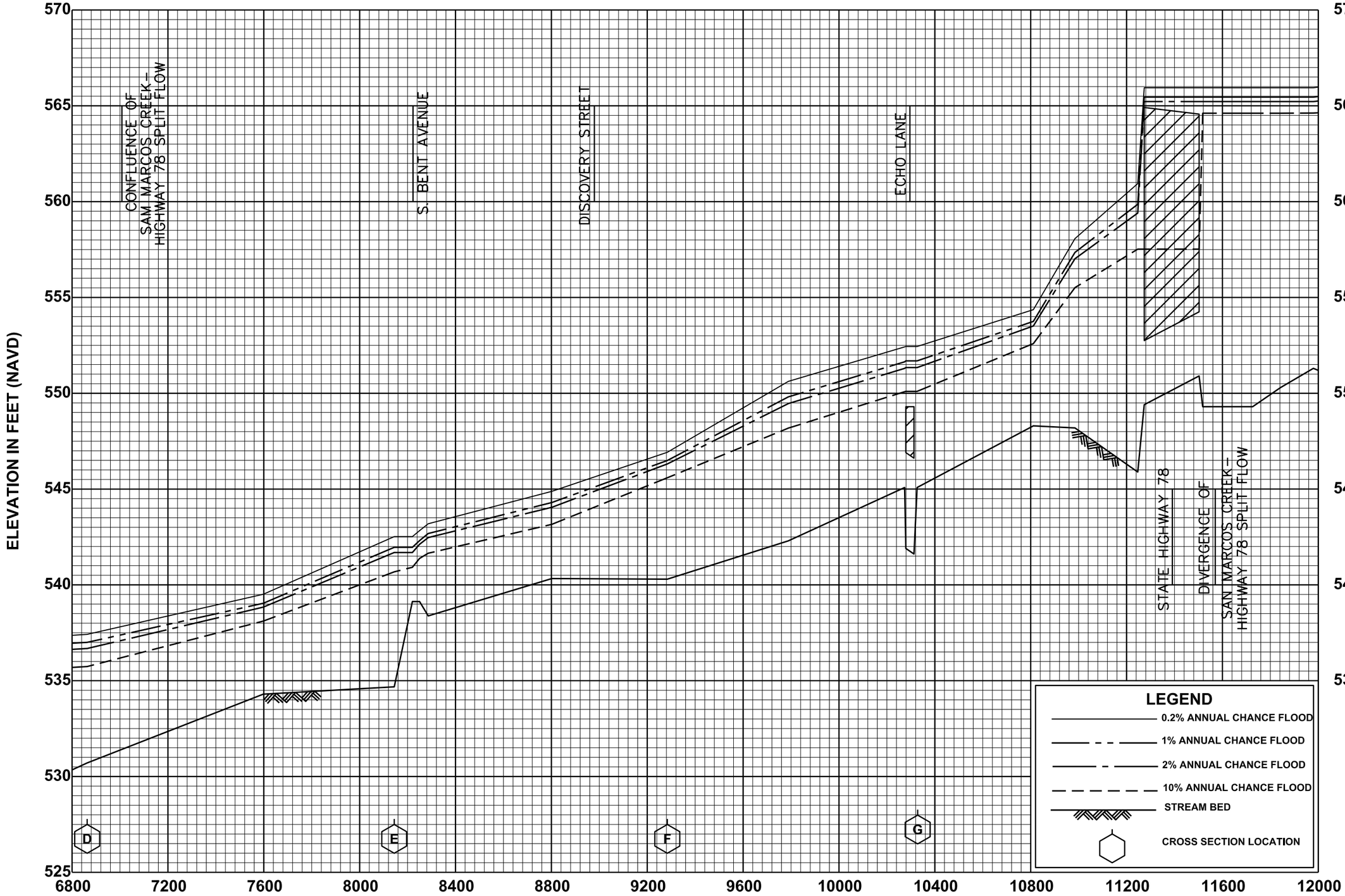
SAN DIEGO COUNTY, CA
(AND INCORPORATED AREAS)

392P

FLOOD PROFILES

SAN MARCOS CREEK

REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013



FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA
(AND INCORPORATED AREAS)

393P

FLOOD PROFILES

SAN MARCOS CREEK

REVISED TO
REFLECT LOMR
EFFECTIVE: March 7, 2013

ELEVATION IN FEET (NAVD)

590 585 580 575 570 565 560 555 550 545

CONFLUENCE WITH TWIN OAKS VALLEY CREEK

TWIN OAKS VALLEY ROAD

VALPREDA ROAD

RANCHEROS ROAD

SPRINTER RAIL

REVISED REACH

H I J K L

590 585 580 575 570 565 560 555 550 545

600 595 590 585 580 575 570 565

12000 12400 12800 13200 13600 14000 14400 14800 15200 15600 16000 16400 16800 17200

STREAM DISTANCE IN FEET ABOVE LAKE SAN MARCOS

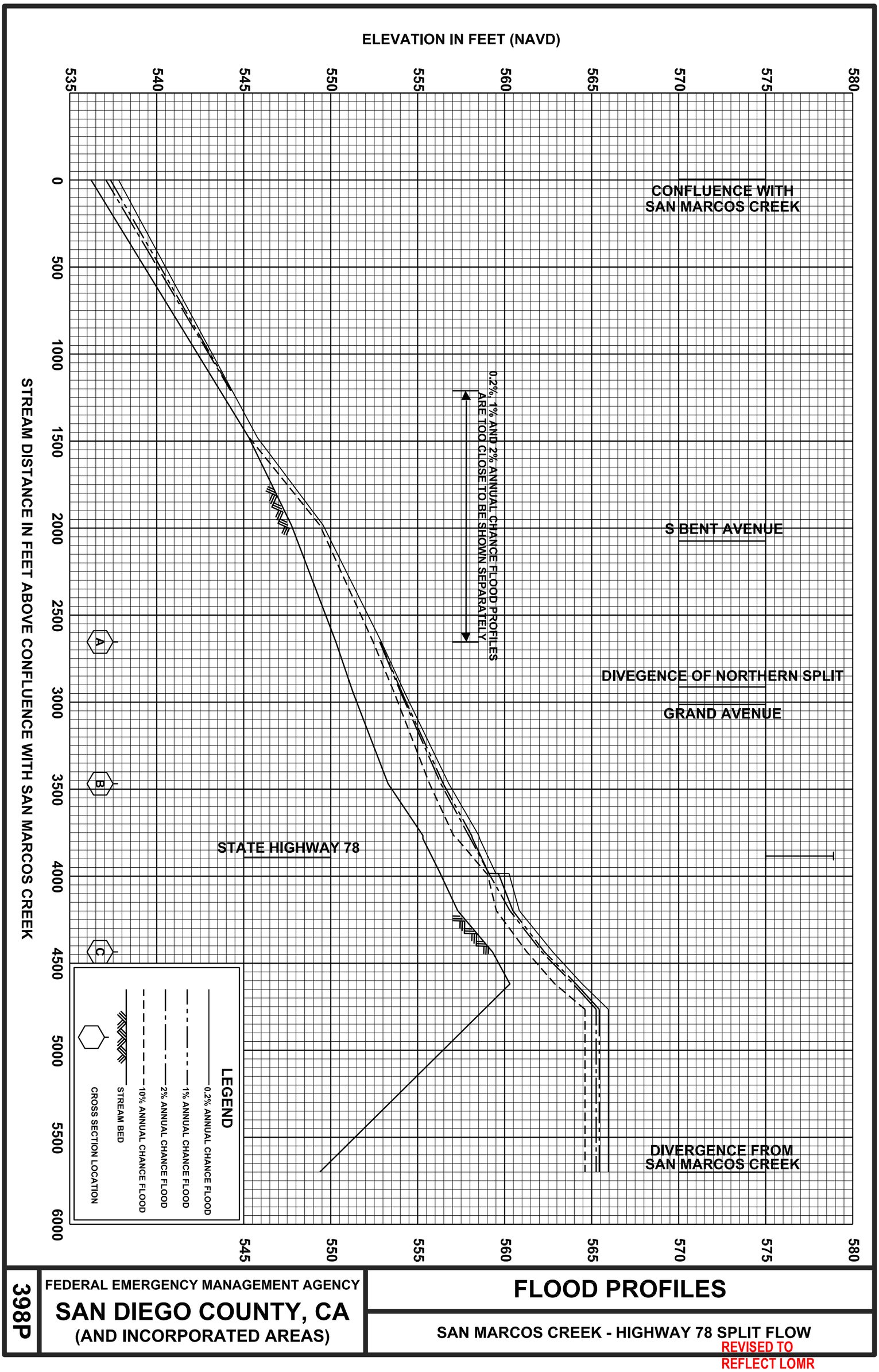
LEGEND

- 0.2% ANNUAL CHANCE FLOOD
- 1% ANNUAL CHANCE FLOOD
- 2% ANNUAL CHANCE FLOOD
- 10% ANNUAL CHANCE FLOOD
- STREAM BED
- CROSS SECTION LOCATION

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN DIEGO COUNTY, CA
(AND INCORPORATED AREAS)

394P



398P

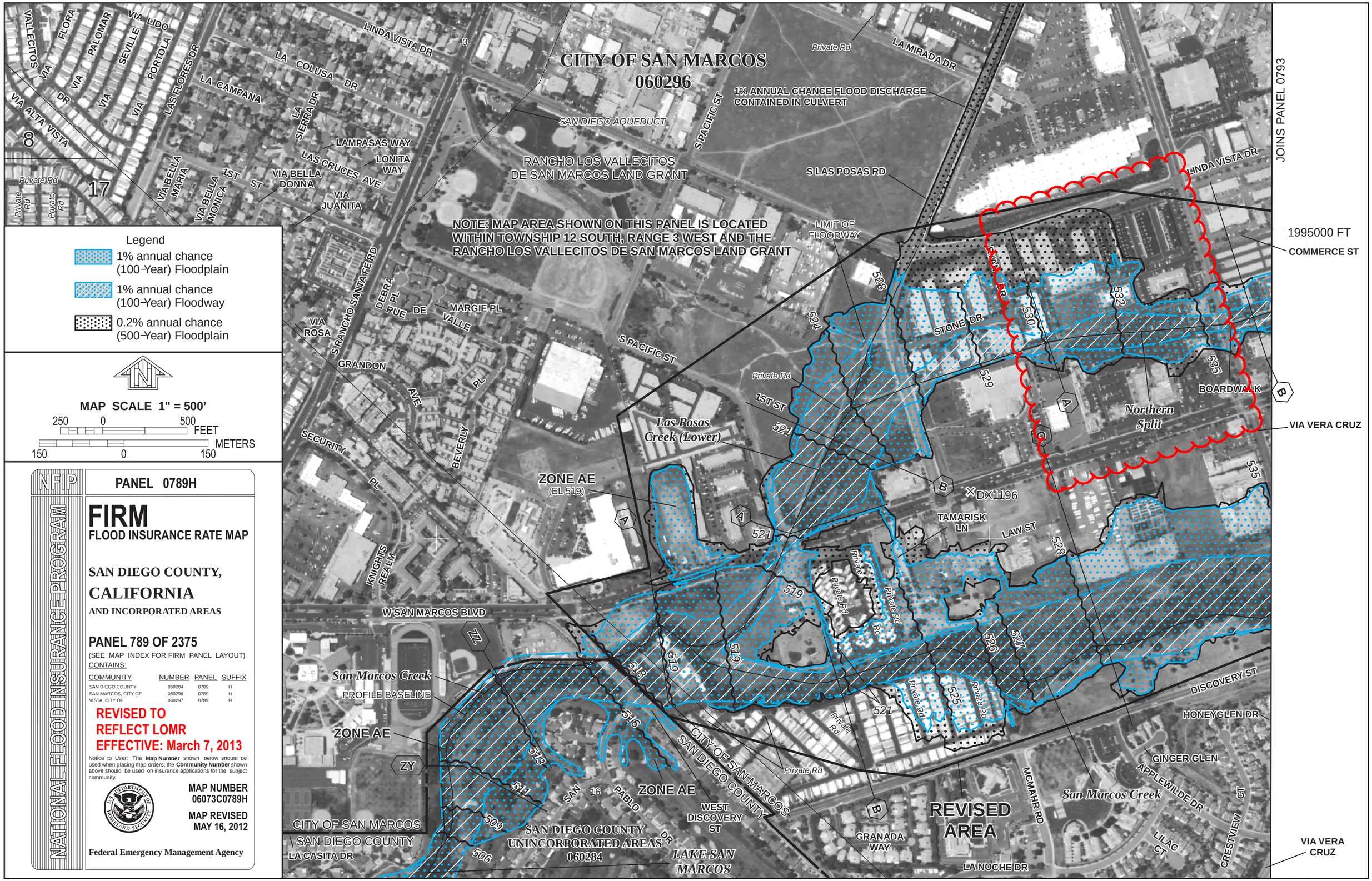
FEDERAL EMERGENCY MANAGEMENT AGENCY

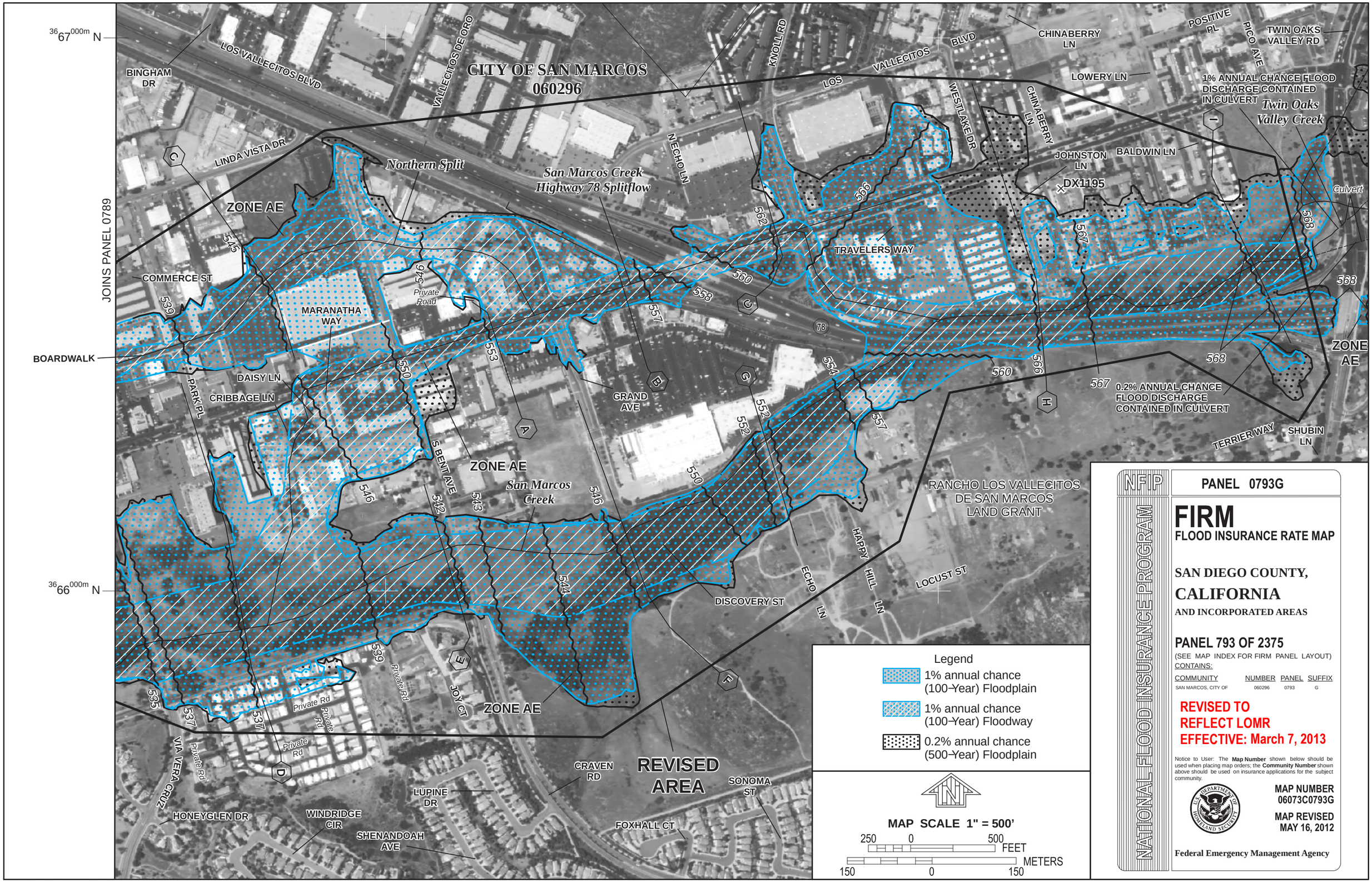
SAN DIEGO COUNTY, CA
(AND INCORPORATED AREAS)

FLOOD PROFILES

SAN MARCOS CREEK - HIGHWAY 78 SPLIT FLOW

REVISED TO
REFLECT LOMR
EFFECTIVE: March 7, 2013


CITY OF SAN MARCOS
060296
NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 12 SOUTH, RANGE 3 WEST AND THE RANCHO LOS VALLECITOS DE SAN MARCOS LAND GRANT
RANCHO LOS VALLECITOS DE SAN MARCOS LAND GRANT
SAN DIEGO AQUEDUCT
1% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT
LIMIT OF FLOODWAY
JOINS PANEL 0793
1995000 FT
COMMERCE ST
VIA VERA CRUZ
Legend
1% annual chance (100-Year) Floodplain
1% annual chance (100-Year) Floodway
0.2% annual chance (500-Year) Floodplain
MAP SCALE 1" = 500'
250 0 500 FEET
150 0 150 METERS
PANEL 0789H
NFIP
NATIONAL FLOOD INSURANCE PROGRAM
FIRM
FLOOD INSURANCE RATE MAP
SAN DIEGO COUNTY,
CALIFORNIA
AND INCORPORATED AREAS
PANEL 789 OF 2375
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
SAN DIEGO COUNTY 060284 0789 H
SAN MARCOS, CITY OF 060296 0789 H
VISTA, CITY OF 060297 0789 H
REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013
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 06073C0789H
MAP REVISED MAY 16, 2012
Federal Emergency Management Agency
ZONE AE
(EL 519)
ZONE AE
ZONE AE
ZY
ZZ
REVISED AREA
San Marcos Creek
PROFILE BASELINE
Las Posas Creek (Lower)
Northern Split
LINDA VISTA DR
S LAS POSAS RD
S PACIFIC ST
LA MIRADA DR
STONE DR
BOARDWALK
TAMARISK LN
LAW ST
DISCOVERY ST
HONEYGLEN DR
GINGER GLEN
APPLEWILDE DR
LILAC CT
CRESTVIEW CT
MCMAHR RD
GRANADA WAY
LA NOCHE DR
WEST DISCOVERY ST
W SAN MARCOS BLVD
LA COLUSA DR
LA CAMPANA
LAMPASAS WAY
LAS CRUCES AVE
LONITA WAY
VIA BELLA DONNA
VIA JUANITA
VIA ROSA
GRANDON AVE
SECURITY PL
KNIGHTS REALM
LA CASITA DR
SAN PABLO DR
SAN DIEGO COUNTY UNINCORPORATED AREAS 060284
CITY OF SAN MARCOS
SAN DIEGO COUNTY
LAKE SAN MARCOS
Private Rd
1ST ST
521
519
518
516
513
511
509
506
524
528
529
530
532
535
525
526
527
X DX1196


CITY OF SAN MARCOS
060296
$^{36}67^{000m}$ N
$^{36}66^{000m}$ N
JOINS PANEL 0789
BOARDWALK
BINGHAM DR
LOS VALLECITOS BLVD
VALLECITOS DE ORO
KNOLL RD
LOS VALLECITOS BLVD
CHINABERRY LN
POSITIVE PL
PICO AVE
TWIN OAKS VALLEY RD
LOWERY LN
1% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT
Twin Oaks Valley Creek
WESTLAKE DR
CHINABERRY LN
LINDA VISTA DR
NECHO LN
Northern Split
San Marcos Creek Highway 78 Splitflow
JOHNSTON LN
BALDWIN LN
DX1195
Culvert
ZONE AE
TRAVELERS WAY
COMMERCE ST
Private Road
MARANATHA WAY
DAISY LN
CRIBBAGE LN
PARK PL
GRAND AVE
78
ZONE AE
0.2% ANNUAL CHANCE FLOOD DISCHARGE CONTAINED IN CULVERT
TERRIER WAY
SHUBIN LN
S BENT AVE
San Marcos Creek
RANCHO LOS VALLECITOS DE SAN MARCOS LAND GRANT
HAPPY HILL LN
ECHO LN
LOCUST ST
DISCOVERY ST
JOY CT
Private Rd
ZONE AE
VIA VERA CRUZ
CRAVEN RD
REVISED AREA
SONOMA ST
LUPINE DR
HONEYGLEN DR
WINDRIDGE CIR
SHENANDOAH AVE
FOXHALL CT
Legend
1% annual chance (100-Year) Floodplain
1% annual chance (100-Year) Floodway
0.2% annual chance (500-Year) Floodplain
MAP SCALE 1" = 500'
250 0 500
FEET
METERS
150 0 150
NFIP
NATIONAL FLOOD INSURANCE PROGRAM
PANEL 0793G
FIRM
FLOOD INSURANCE RATE MAP
SAN DIEGO COUNTY,
CALIFORNIA
AND INCORPORATED AREAS
PANEL 793 OF 2375
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS:
COMMUNITY NUMBER PANEL SUFFIX
SAN MARCOS, CITY OF 060296 0793 G
REVISED TO REFLECT LOMR EFFECTIVE: March 7, 2013
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 06073C0793G
MAP REVISED MAY 16, 2012
Federal Emergency Management Agency

APPENDIX A

DRAFT MT-2 FORMS

HEC-RAS EFFECTIVE, EXISTING CONDITION, AND PROPOSED CONDITION RESULTS

DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency

OVERVIEW & CONCURRENCE FORM

OMB Control Number: 1660-0016
Expiration: 1/31/2024

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 1 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing, reviewing, and submitting the form. You are not required to respond to this collection of information unless it displays a valid OMB control number. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472 , Paperwork Reduction Project (1660-0016). Submission of the form is required to obtain or retain benefits under the National Flood Insurance Program. **Please do not send your completed survey to the above address.**

PRIVACY ACT STATEMENT

AUTHORITY: The National Flood Insurance Act of 1968, Public Law 90-448, as amended by the Flood Disaster Protection Act of 1973, Public Law 93-234.
PRINCIPAL PURPOSE(S): This information is being collected for the purpose of determining an applicant's eligibility to request changes to National Flood Insurance Program (NFIP) Flood Insurance Rate Maps (FIRM).
ROUTINE USE(S): The information on this form may be disclosed as generally permitted under 5 U.S.C § 552a(b) of the Privacy Act of 1974, as amended. This includes using this information as necessary and authorized by the routine uses published in DHS/FEMA/NFIP/LOMA-1 National Flood Insurance Program (NFIP); Letter of Map Amendment (LOMA) February 15, 2006, 71 FR 7990.
DISCLOSURE: The disclosure of information on this form is voluntary; however, failure to provide the information requested may delay or prevent FEMA from processing a determination regarding a requested change to a (NFIP) Flood Insurance Rate Maps (FIRM).

A. REQUESTED RESPONSE FROM DHS-FEMA

This request is for a (check one):

☒ CLOMR: A letter from DHS-FEMA commenting on whether a proposed project, if built as proposed, would justify a map revision, or proposed hydrology changes (See 44 CFR Ch. 1, Parts 60, 65 & 72). All CLOMRs require documentation of compliance with the Endangered Species Act. Refer to the Instructions for details.

☐ LOMR: A letter from DHS-FEMA officially revising the current NFIP map to show the changes to floodplains, regulatory floodway or flood elevations. (See 44 CFR Ch. 1, Parts 60, 65 & 72).

B. OVERVIEW

1. The NFIP map panel(s) affected for all impacted communities is (are):

Community No.	Community Name	State	Map No.	Panel No.	Effective Date
060296	City of San Marcos	CA	06073C	0789H	03/07/2013

2. a. Flooding Source: Northern Split San Marcos Creek

b. Types of Flooding: ☒ Riverine ☐ Coastal ☐ Shallow Flooding (e.g., Zones AO and AH)
☐ Alluvial Fan ☐ Lakes ☐ Other (Attach Description)

3. Project Name/Identifier: Restaurant Row

4. FEMA zone designations (choices: A, AH, AO, A1-A30, A99, AE, AR, V, V1-V30, VE, B, C, D, X)

a. Effective: AE, Shaded X

b. Revised: AE, Shaded X

5. Basis for Request and Type of Revision:

a. The basis for this revision request is (check all that apply)

☐ Physical Change	☒ Improved Methodology/Data	☒ Regulatory Floodway Revision	☐ Base Map Changes
☐ Coastal Analysis	☒ Hydraulic Analysis	☐ Hydrologic Analysis	☐ Corrections
☐ Weir-Dam Changes	☐ Levee Certification	☐ Alluvial Fan Analysis	☐ Natural Changes
☒ New Topographic Data	☐ Other (Attach Description)		

Note: A photograph and narrative description of the area of concern is not required, but is very helpful during review.

b. The area of revision encompasses the following structures (check all that apply)

Structures: ☐ Channelization	☐ Levee/Floodwall	☐ Bridge/Culvert	
☐ Dam	☒ Fill	☐ Other (Attach Description)	

6. ☒ Documentation of ESA compliance is submitted (required to initiate CLOMR review). Please refer to the instructions for more information.

C. REVIEW FEE

Has the review fee for the appropriate request category been included? ☒ Yes Fee amount: $ 6,500.00

☐ No, Attach Explanation

- **Please see the DHS-FEMA Web site at http://www.fema.gov/forms-documents-and-software/flood-map-related-fees for Fee Amounts and Exemptions.**

D. SIGNATURES

1. REQUESTOR'S SIGNATURE

All documents submitted in support of this request are correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Name: Wayne W. Chang	Company: Chang Consultants	
Mailing Address: P.O. Box 9496 Rancho Santa Fe, CA 92067	Daytime Telephone: (858) 692-0760	Fax No.: (858) 832-1402
	E-mail Address: wayne@changconsultants.com	
	Date: 9/22/2022	

Signature of Requestor (required):

2. COMMUNITY CONCURRENCE

As the community official responsible for floodplain management, I hereby acknowledge that we have received and reviewed this Letter of Map Revision (LOMR) or conditional LOMR request. Based upon the community's review, we find the completed or proposed project meets or is designed to meet all of the community floodplain management requirements, including the requirements for when fill is placed in the regulatory floodway, and that all necessary Federal, State, and local permits have been, or in the case of a conditional LOMR, will be obtained. For Conditional LOMR requests, the applicant has documented Endangered Species Act (ESA) compliance to FEMA prior to FEMA's review of the Conditional LOMR application. For LOMR requests, I acknowledge that compliance with Sections 9 and 10 of the ESA has been achieved independently of FEMA's process. For actions authorized, funded, or being carried out by Federal or State agencies, documentation from the agency showing its compliance with Section 7(a)(2) of the ESA will be submitted. In addition, we have determined that the land and any existing or proposed structures to be removed from the SFHA are or will be reasonably safe from flooding as defined in 44CFR 65.2(c), and that we have available upon request by FEMA, all analyses and documentation used to make this determination.

Community Official's Name and Title:

Mailing Address: 1 Civic Center Drive San Marcos, CA 92067	Community Name: City of San Marcos	
	Daytime Telephone: (760) 744-1050	Fax No.:
	E-mail Address:	
Community Official's Signature (required):	Date:	

3. CERTIFICATION BY REGISTERED PROFESSIONAL ENGINEER AND/OR LAND SURVEYOR

This certification is to be signed and sealed by a licensed land surveyor, registered professional engineer, or architect authorized by law to certify elevation information data, hydrologic and hydraulic analysis, and any other supporting information as per NFIP regulations paragraph 65.2(b) and as described in the MT-2 Forms Instructions. All documents submitted in support of this request are correct to the best of my knowledge. I understand that any false statement may be punishable by fine or imprisonment under Title 18 of the United States Code, Section 1001.

Certifier's Name: Wayne W. Chang		License No.: 46548	Expiration Date: 6/30/2023
Company Name: Chang Consultants		Mailing Address: P.O. Box 9496 Rancho Santa Fe, CA 92067	
Telephone No.: (858) 692-0760	Fax No.: (858) 832-1402		
E-mail Address: wayne@changconsultants.com			
Signature:			Date: 9/22/2022

Ensure the forms that are appropriate to your revision request are included in your submittal.

Form Name and (Number)	Required if …
☒ Riverine Hydrology and Hydraulics Form (Form 2)	New or revised discharges or water-surface elevations
☐ Riverine Structures Form (Form 3)	Channel is modified, addition/revision of bridge/culverts, addition/revision of levee/floodwall, addition/revision of dam
☐ Coastal Analysis Form (Form 4)	New or revised coastal elevations
☐ Coastal Structures Form (Form 5)	Addition/revision of coastal structure
☐ Alluvial Fan Flooding Form (Form 6)	Flood control measures on alluvial fans

Seal (Optional)

DEPARTMENT OF HOMELAND SECURITY

Federal Emergency Management Agency

RIVERINE HYDROLOGY & HYDRAULICS FORM (FORM 2)

OMB Control Number: 1660-0016
Expiration: 1/31/2024

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 3.5 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing, reviewing, and submitting the form. You are not required to respond to this collection of information unless it displays a valid OMB control number. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472 , Paperwork Reduction Project (1660-0016). Submission of the form is required to obtain or retain benefits under the National Flood Insurance Program. **Please do not send your completed survey to the above address.**

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DISCLOSURE: The disclosure of information on this form is voluntary; however, failure to provide the information requested may delay or prevent FEMA from processing a determination regarding a requested change to a (NFIP) Flood Insurance Rate Maps (FIRM).

Flooding Source: Northern Split San Marcos Creek

Note: Fill out one form for each flooding source studied

A. HYDROLOGY

1. Reason for New Hydrologic Analysis (check all that apply):

☒ Not revised (skip to section B) ☐ No existing analysis ☐ Improved data
☐ Alternative methodology ☐ Proposed Conditions (CLOMR) ☐ Changed physical condition of watershed

2. Comparison of Representative 1%-Annual-Chance Discharges

Location	Drainage Area (Sq. Mi.)	Effective/FIS (cfs)	Revised (cfs)

3. Methodology for New Hydrologic Analysis (check all that apply)

☐ Precipitation/Runoff Model → Specify Model: _____ Duration: _____ Rainfall Amount: _____

☐ Statistical Analysis of Gage Records

☐ Regional Regression Equations ☐ Other (please attach description)

Please enclose all relevant models in digital format, maps, computations (including computation of parameters), and documentation to support the new analysis.

4. Review/Approval of Analysis

If your community requires a regional, state, or federal agency to review the hydrologic analysis, please attach evidence of approval/review. 4. HEC-RAS File Description**:

5. Impacts of Sediment Transport on Hydrology

Is the hydrology for the revised flooding source(s) affected by sediment transport? ☐ Yes ☐ No

If yes, then fill out Section F (Sediment Transport) of Form 3. If No, then attach your explanation.

B. HYDRAULICS

1. Reach to be Revised

	Description	Cross Section	Water-Surface Elevation (ft.)	
			Effective	Proposed/Revised
Downstream Limit*	480' u/s S. Las Posas Rd	2623.023	528.27	528.27
Upstream Limit*	d/s side Via Vera Cruz	3952.589	535.05	535.03

*Proposed/Revised elevations must tie-into the Effective elevations within 0.5 foot at the downstream and upstream limits of revision.

2. Hydraulic Method/Model Used: HEC-RAS v6.2

☒ Steady State ☐ Unsteady State ☒ One-Dimensional ☐ Two-Dimentional

3. Pre-Submittal Review of Hydraulic Models*

DHS-FEMA has developed two review programs, CHECK-2 and CHECK-RAS, to aid in the review of HEC-2 and HEC-RAS hydraulic models, respectively. We recommend that you review your HEC-2 and HEC-RAS models with CHECK-2 and CHECK-RAS.

4. HEC-RAS File Description**: Note: File Name below is 1655San_Marcos_Creek.prj.

Models Submitted	Natural Run		Floodway Run		Datum
Duplicate Effective Model*	File Name:	Plan Name:	File Name:	Plan Name:	
	1655San_Marcos_C	Dup Eff MP	655San_Marcos_Cr	Dup Eff Floodway	NAVD 88
Corrected Effective Model*	File Name:	Plan Name:	File Name:	Plan Name:	
	N/A	N/A	N/A	N/A	N/A
Existing or Pre-Project Conditions Model	File Name:	Plan Name:	File Name:	Plan Name:	
	655San_Marcos_Cr	Exist Cond RR	N/A	N/A	NAVD 88
Revised or Post-Project Conditions Model	File Name:	Plan Name:	File Name:	Plan Name:	
	655San_Marcos_Cr	PC2023-0728FPFW	655San_Marcos_Cr	PC2023-0728FPFW	NAVD 88
Other - (attach description)	File Name:	Plan Name:	File Name:	Plan Name:	
	N/A	N/A	N/A	N/A	N/A

* For details, refer to the corresponding section of the instructions.
**See instructions for information about modeling other then HEC-RAS. ☒ Digital Models Submitted? (Required)

C. MAPPING REQUIREMENTS

A **certified topographic work map** must be submitted showing the following information (where applicable): the boundaries of the effective, existing, and proposed conditions 1%-annual-chance floodplain (for approximate Zone A revisions) or the boundaries of the 1%- and 0.2%-annual-chance floodplains and regulatory floodway (for detailed Zone AE, AO, and AH revisions); location and alignment of all cross sections with stationing control indicated; stream, road, and other alignments (e.g., dams, levees, etc.); current community easements and boundaries; boundaries of the requester's property; certification of a registered professional engineer registered in the subject State; location and description of reference marks; and the referenced vertical datum (NGVD, NAVD, etc.).

Topographic Information: ☒ Digital Mapping (GIS/CADD) Data Submitted (preferred)

Source: Project Design Consultants | Date: 7/16/2021

Vertical Datum: NAVD 88 | Spatial Projection: NAD 83

Accuracy: 1-foot contour interval

Note that the boundaries of the existing or proposed conditions floodplains and regulatory floodway to be shown on the revised FIRM and/or FBFM must tie-in with the effective floodplain and regulatory floodway boundaries. Please attach **a copy of the effective FIRM and/or FBFM**, at the same scale as the original, annotated to show the boundaries of the revised 1%-and 0.2%-annual-chance floodplains and regulatory floodway that tie-in with the boundaries of the effective 1%-and 0.2%-annual-chance floodplain and regulatory floodway at the upstream and downstream limits of the area on revision.

☒ Annotated FIRM and/or FBFM (Required)

D. COMMON REGULATORY REQUIREMENTS*

1. For LOMR/CLOMR requests, do Base Flood Elevations (BFEs) or Special Flood Hazard Areas (SFHAs) increase compared to the effective BFEs? ☒ Yes ☐ No

   If Yes, please attach **proof of property owner notification**. Examples of property owner notifications can be found in the MT-2 Form 2 Instructions.

2. For CLOMR requests, if either of the following is true, please submit **evidence of compliance with Section 65.12 of the NFIP regulations**:

   - The proposed project encroaches upon a regulatory floodway and would result in increases above 0.00 foot compared to pre-project conditions.
   - The proposed project encroaches upon a SFHA with or without BFEs established and would result in increases above 1.00 foot compared to pre-project conditions.

3. Does the request involve the placement or proposed placement of fill? ☒ Yes ☐ No

   If Yes, the community must be able to certify that the area to be removed from the special flood hazard area, to include any structures or proposed structures, meets all of the standards of the local floodplain ordinances, and is reasonably safe from flooding in accordance with the NFIP regulations set forth at 44 CFR 60.3(A)(3), 65.5(a)(4), and 65.6(a)(14). Please see the MT-2 instructions for more information.

4. ~~Does the request involve the placement or proposed placement of fill?~~ For LOMR requests, is the regulatory floodway being revised? N/A, not a LOMR. ☐ Yes ☐ No

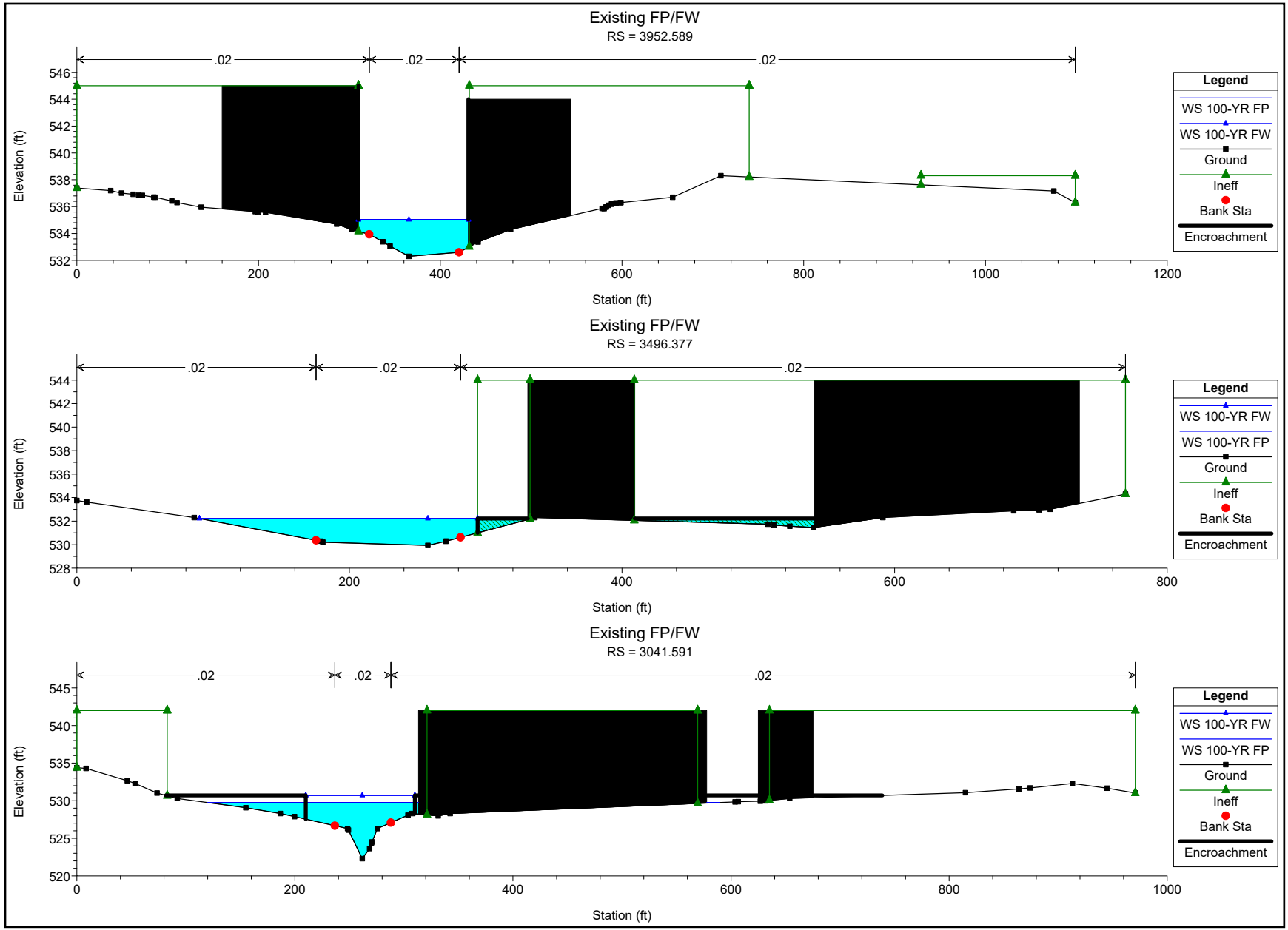
   If Yes, attach **evidence of regulatory floodway revision notification**. As per Paragraph 65.7(b)(1) of the NFIP Regulations, notification is required for requests involving revisions to the regulatory floodway Elements and examples of regulatory floodway revision notification can be found in the MT-2 Form 2 Instructions.

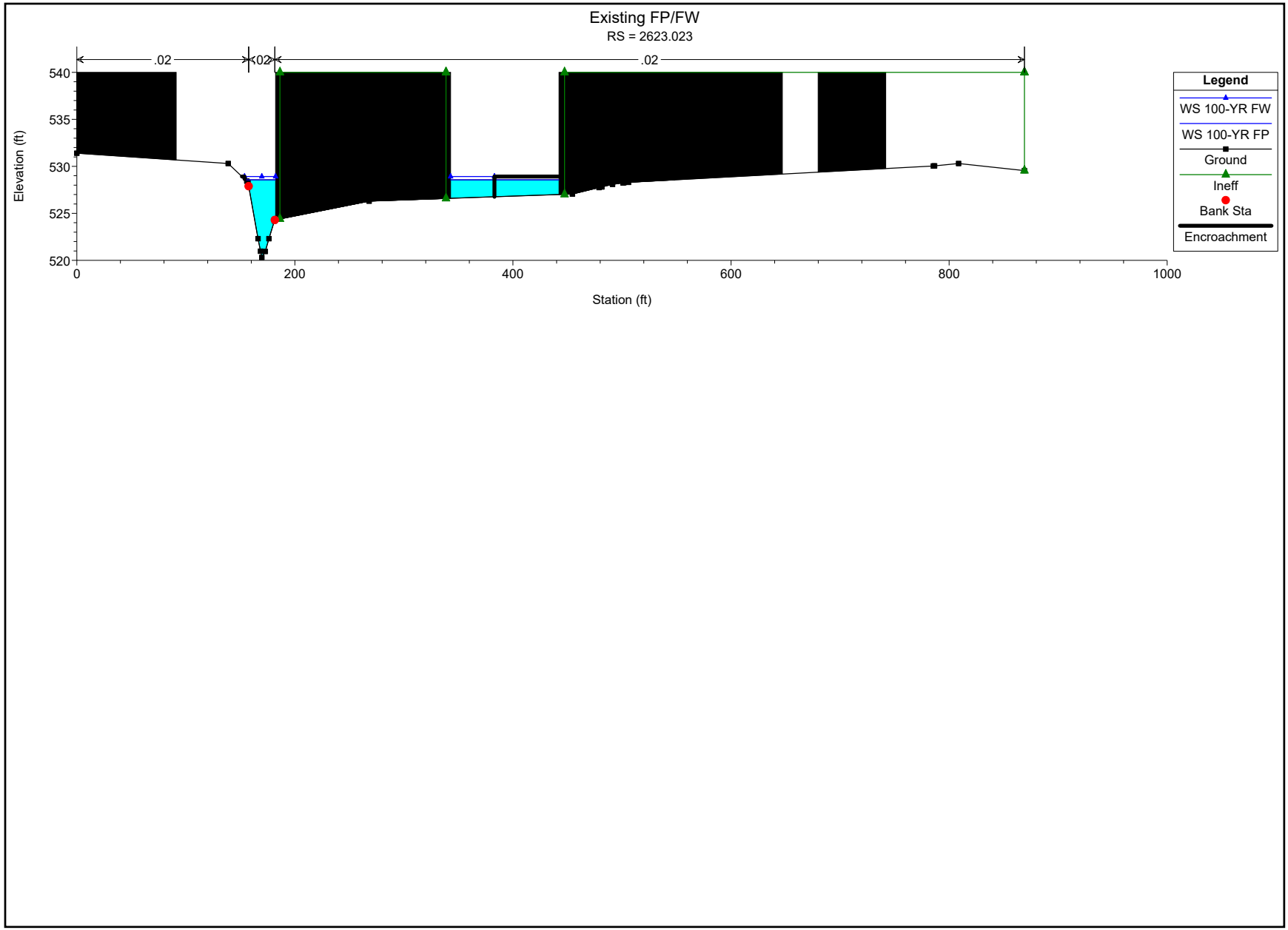
5. For CLOMR requests, please submit documentation to FEMA and the community to show that you have complied with Sections 9 and 10 of the Endangered Species Act (ESA). For actions authorized, funded, or being carried out by Federal or State agencies, please submit documentation from the agency showing its compliance with Section 7(a)(2) of the ESA. Please see the MT-2 instructions for more detail.

Effective 100-Year Floodplain and Floodway

HEC-RAS Plan: Existing FPFW River: Northern Split Reach: Split 0.2

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Split 0.2	3952.589	100-YR FP	2136.96	532.30	535.03	535.03	536.10	0.004304	8.46	260.81	121.00	0.99
Split 0.2	3952.589	100-YR FW	2136.96	532.30	535.03	535.03	536.10	0.004304	8.46	260.81	121.00	0.99
Split 0.2	3496.377	100-YR FP	2136.96	529.93	532.21	532.21	533.00	0.003971	7.64	316.83	372.50	0.93
Split 0.2	3496.377	100-YR FW	2136.96	529.93	532.22	532.22	533.00	0.003933	7.62	318.52	204.14	0.93
Split 0.2	3041.591	100-YR FP	2136.96	522.30	529.75	529.00	530.26	0.001072	6.49	437.06	204.87	0.54
Split 0.2	3041.591	100-YR FW	2136.96	522.30	530.71	528.91	531.11	0.000599	5.52	438.21	100.00	0.42
Split 0.2	2623.023	100-YR FP	2136.96	520.30	528.57	528.57	529.60	0.002062	9.75	310.55	126.92	0.73
Split 0.2	2623.023	100-YR FW	2136.96	520.30	528.92	528.92	530.53	0.002556	11.31	234.98	68.57	0.82


Existing FP/FW
RS = 3952.589
.02
.02
.02
Elevation (ft)
546
544
542
540
538
536
534
532
0
200
400
600
800
1000
1200
Station (ft)
Legend
WS 100-YR FP
WS 100-YR FW
Ground
Ineff
Bank Sta
Encroachment
Existing FP/FW
RS = 3496.377
.02
.02
.02
Elevation (ft)
544
542
540
538
536
534
532
530
528
0
200
400
600
800
Station (ft)
Legend
WS 100-YR FW
WS 100-YR FP
Ground
Ineff
Bank Sta
Encroachment
Existing FP/FW
RS = 3041.591
.02
.02
.02
Elevation (ft)
545
540
535
530
525
520
0
200
400
600
800
1000
Station (ft)
Legend
WS 100-YR FW
WS 100-YR FP
Ground
Ineff
Bank Sta
Encroachment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Station (ft)
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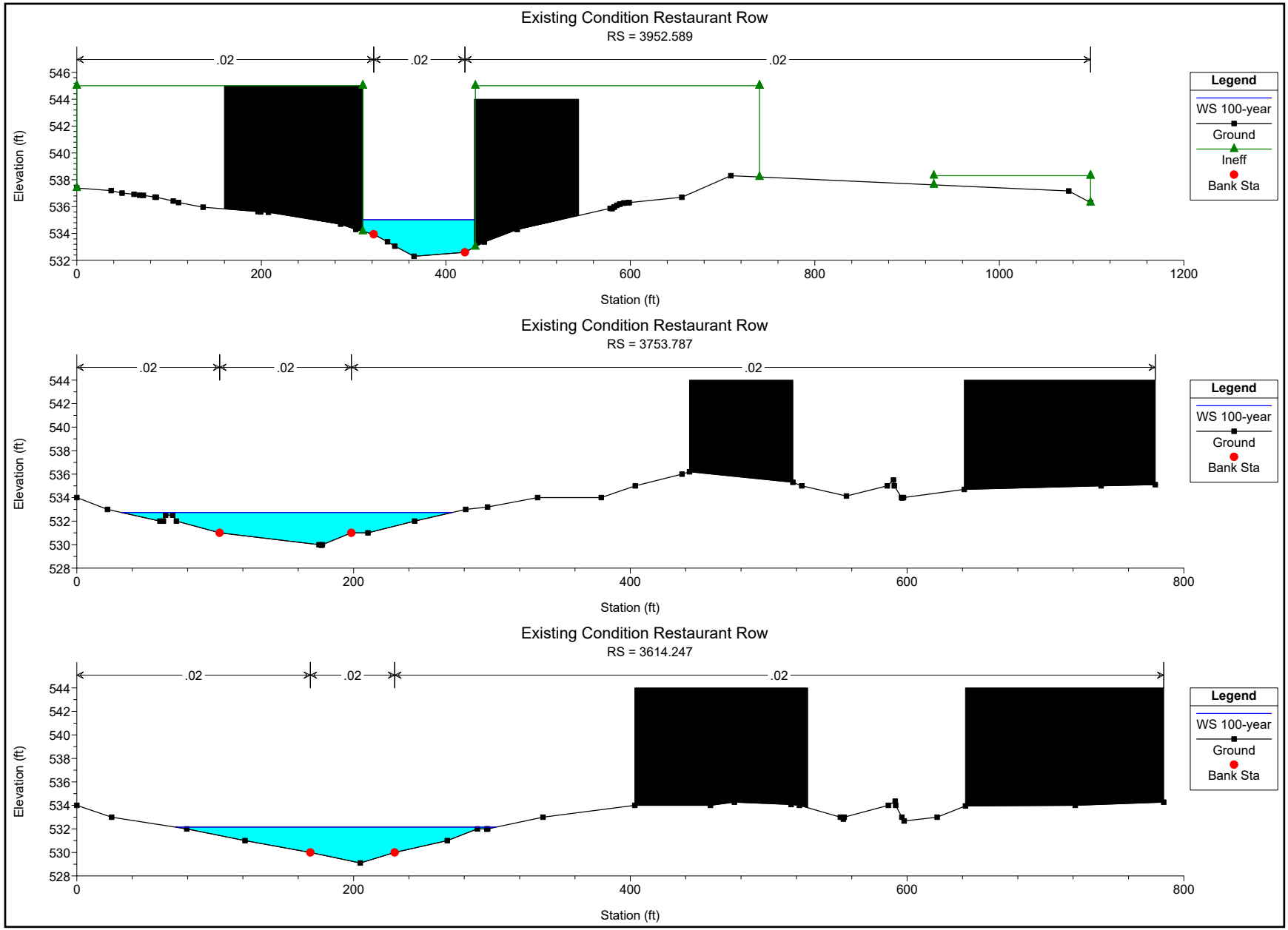
WS 100-YR FW
WS 100-YR FP
Ground
Ineff
Bank Sta
Encroachment

Existing Condition 100-Year Floodplain

HEC-RAS Plan: Exist Cond RR River: Northern Split Reach: Split 0.2 Profile: 100-year

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Split 0.2	3952.589	100-year	2136.96	532.30	535.03	535.03	536.10	0.004324	8.47	260.45	121.00	0.99
Split 0.2	3753.787	100-year	2136.96	529.94	532.74	532.74	533.47	0.003528	7.57	340.40	238.99	0.89
Split 0.2	3614.247	100-year	2136.96	529.10	532.15	532.15	532.91	0.003419	8.20	341.95	231.30	0.90
Split 0.2	3496.377	100-year	2136.96	528.19	531.38	531.38	532.05	0.002839	7.84	376.74	305.64	0.83
Split 0.2	3348.291	100-year	2136.96	527.04	530.10	529.80	530.53	0.002543	7.04	476.48	424.50	0.77
Split 0.2	3196.821	100-year	2136.96	526.15	530.26		530.33	0.000235	2.71	1033.44	436.49	0.25
Split 0.2	3041.591	100-year	2136.96	521.50	529.71		530.22	0.001004	7.36	476.22	301.48	0.52
Split 0.2	2910.673	100-year	2136.96	520.63	529.41	528.87	530.06	0.001128	7.78	399.95	202.98	0.53
Split 0.2	2623.023	100-year	2136.96	520.30	528.57	528.54	529.60	0.002053	9.73	311.08	126.96	0.73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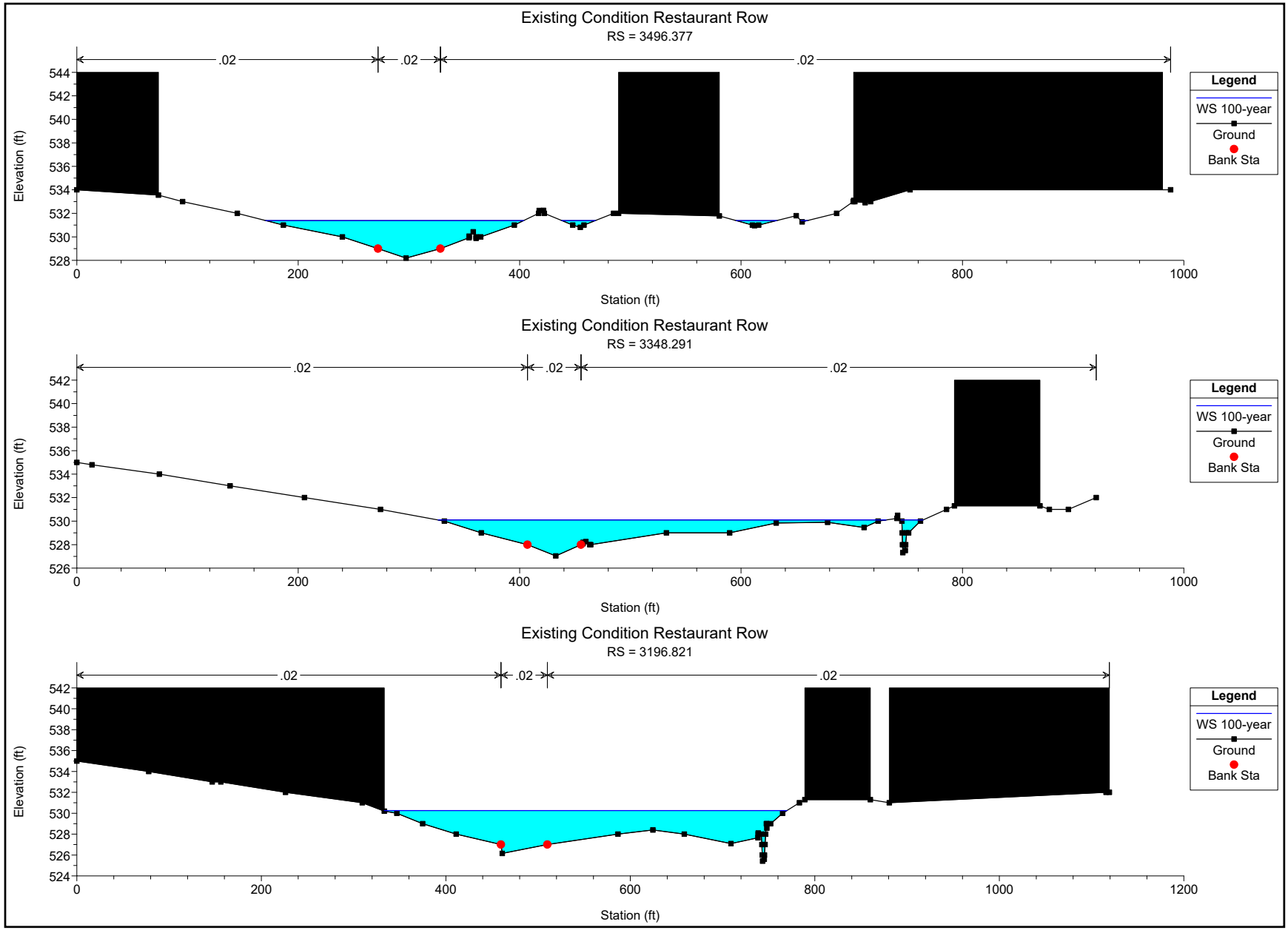
Ground
Bank Sta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Elevation (ft)
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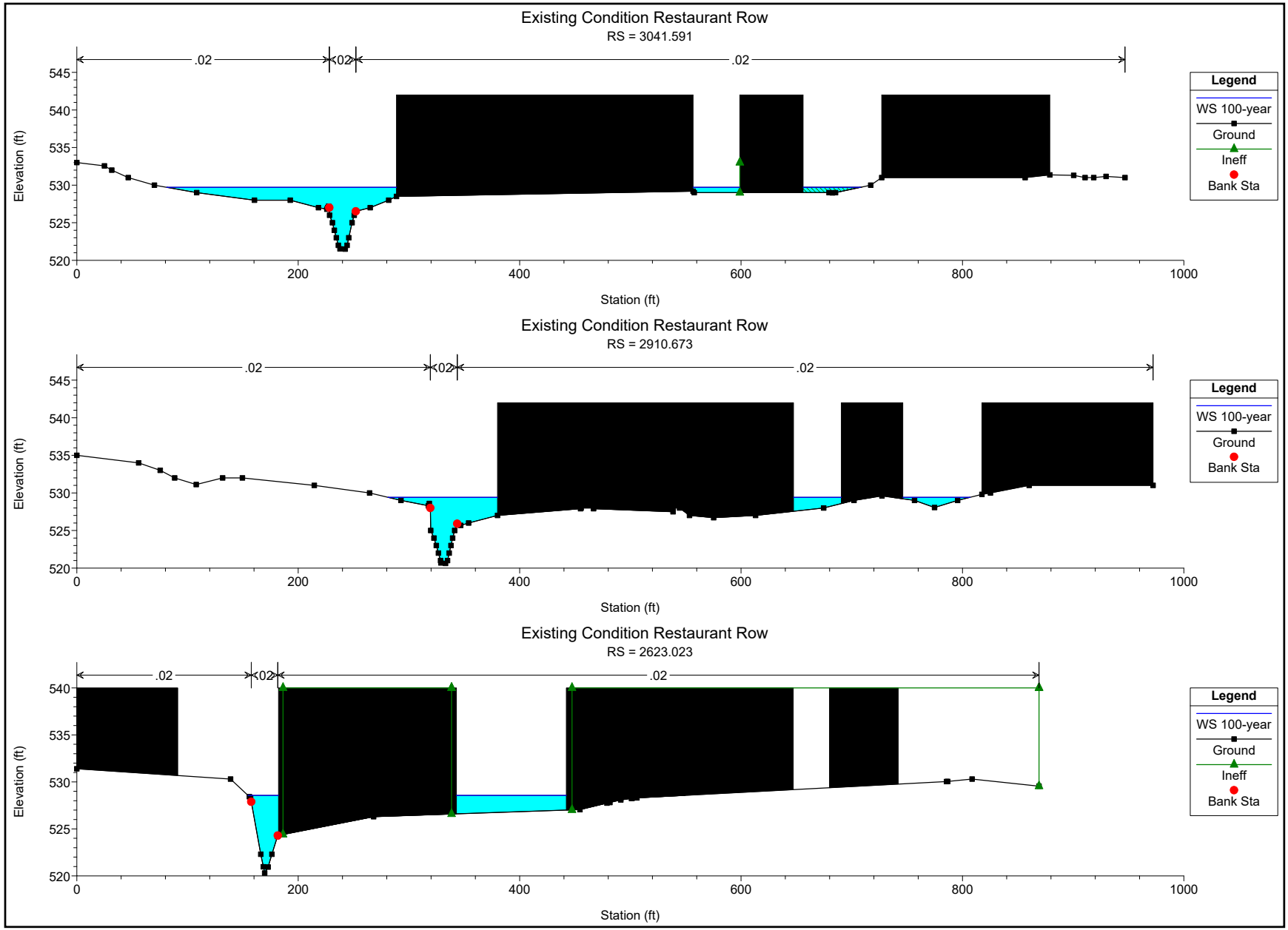
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Station (ft)
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Ground
Ineff
Bank Sta

Proposed Condition 100-Year Floodplain and Floodway

HEC-RAS Plan: PC 2023-0728 FPFW River: Northern Split Reach: Split 0.2

Reach	River Sta	Profile	W.S. Elev	Prof Delta WS	E.G. Elev	Top Wdth Act	Q Left	Q Channel	Q Right	Enc Sta L	Ch Sta L	Ch Sta R	Enc Sta R
			(ft)	(ft)	(ft)	(ft)	(cfs)	(cfs)	(cfs)	(ft)	(ft)	(ft)	(ft)
Split 0.2	3952.589	100-year FP	535.03		536.10	121.00	53.12	1914.28	169.56		321.84	420.74	
Split 0.2	3952.589	100-year FW	535.03	0.00	536.10	121.00	53.12	1914.28	169.56	310.00	321.84	420.74	431.00
Split 0.2	3753.787	100-year FP	532.71		533.67	175.01	7.35	1889.69	239.92		103.85	198.41	
Split 0.2	3753.787	100-year FW	532.71	0.01	533.66	156.56	3.17	1875.84	257.95	100.44	103.85	198.41	257.00
Split 0.2	3614.247	100-year FP	531.57		532.41	169.63	9.22	2013.84	113.90		139.23	265.59	
Split 0.2	3614.247	100-year FW	532.17	0.60	532.63	169.63	11.43	1921.03	204.50	135.07	139.23	265.59	304.70
Split 0.2	3496.377	100-year FP	531.02		531.85	176.75	28.30	1540.84	567.82		245.76	333.49	
Split 0.2	3496.377	100-year FW	531.02	0.00	532.21	109.80	33.07	1797.65	306.24	237.20	245.76	333.49	347.00
Split 0.2	3348.291	100-year FP	530.22		530.68	230.69	4.51	2048.35	84.10		384.20	520.30	
Split 0.2	3348.291	100-year FW	531.12	0.90	531.37	171.14	9.93	2026.31	100.72	375.99	384.20	520.30	547.13
Split 0.2	3196.821	100-year FP	530.13		530.57	168.92	194.53	1714.56	227.87		430.81	509.77	
Split 0.2	3196.821	100-year FW	531.02	0.88	531.32	139.50	212.75	1754.16	170.05	398.14	430.81	509.77	537.64
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Split 0.2	3041.591	100-year FW	530.36	0.98	531.19	72.22	527.19	1376.14	233.63	192.82	228.05	252.09	265.04
Split 0.2	2910.673	100-year FP	529.41		530.06	202.98	41.41	1253.82	841.73		319.33	343.61	
Split 0.2	2910.673	100-year FW	530.42	1.00	530.99	86.10	130.83	1279.23	726.91	293.93	319.33	343.61	432.40
Split 0.2	2623.023	100-year FP	528.57		529.60	126.96	0.71	1284.82	851.42		157.60	181.58	
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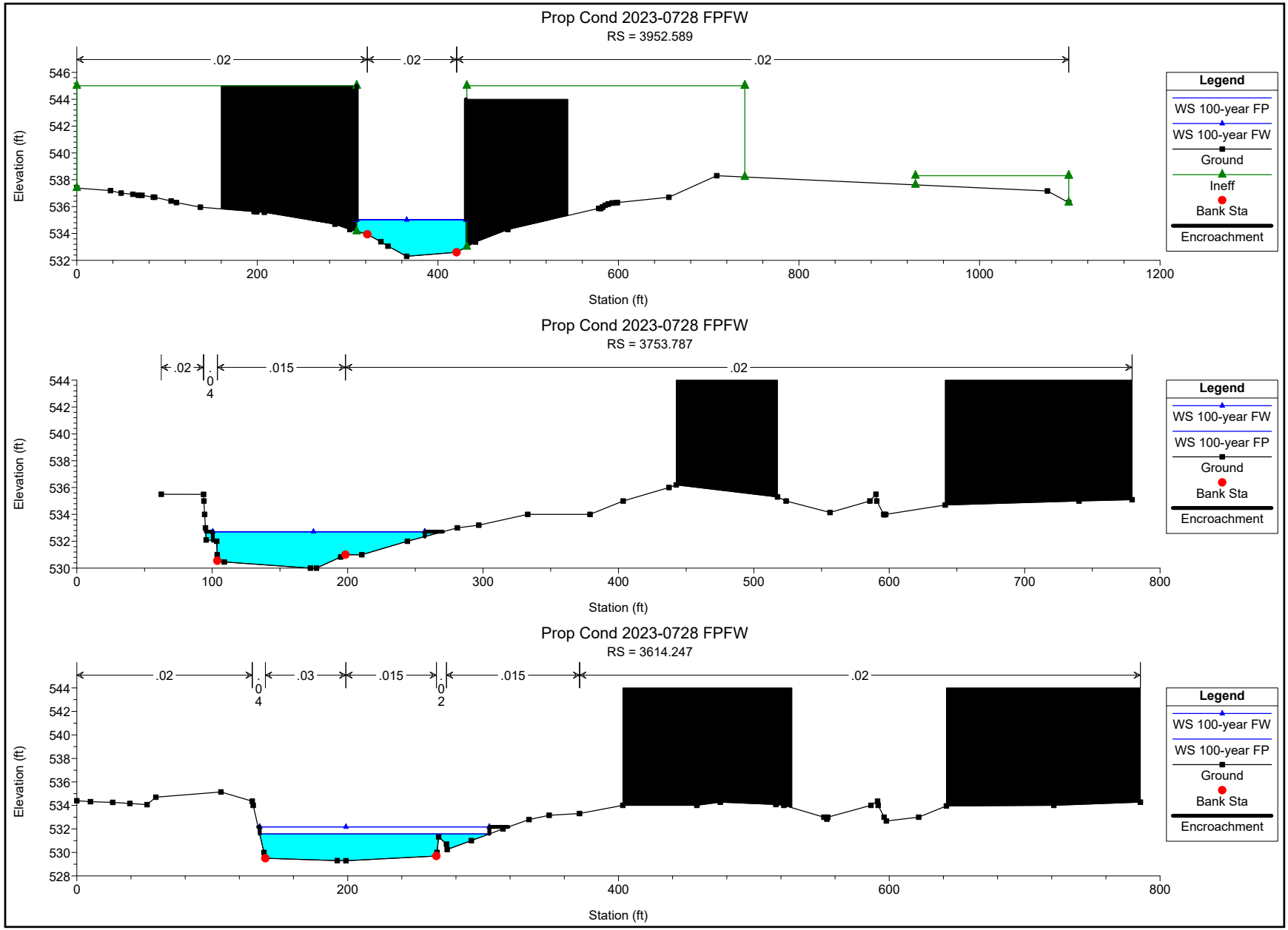
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Prop Cond 2023-0728 FPFW
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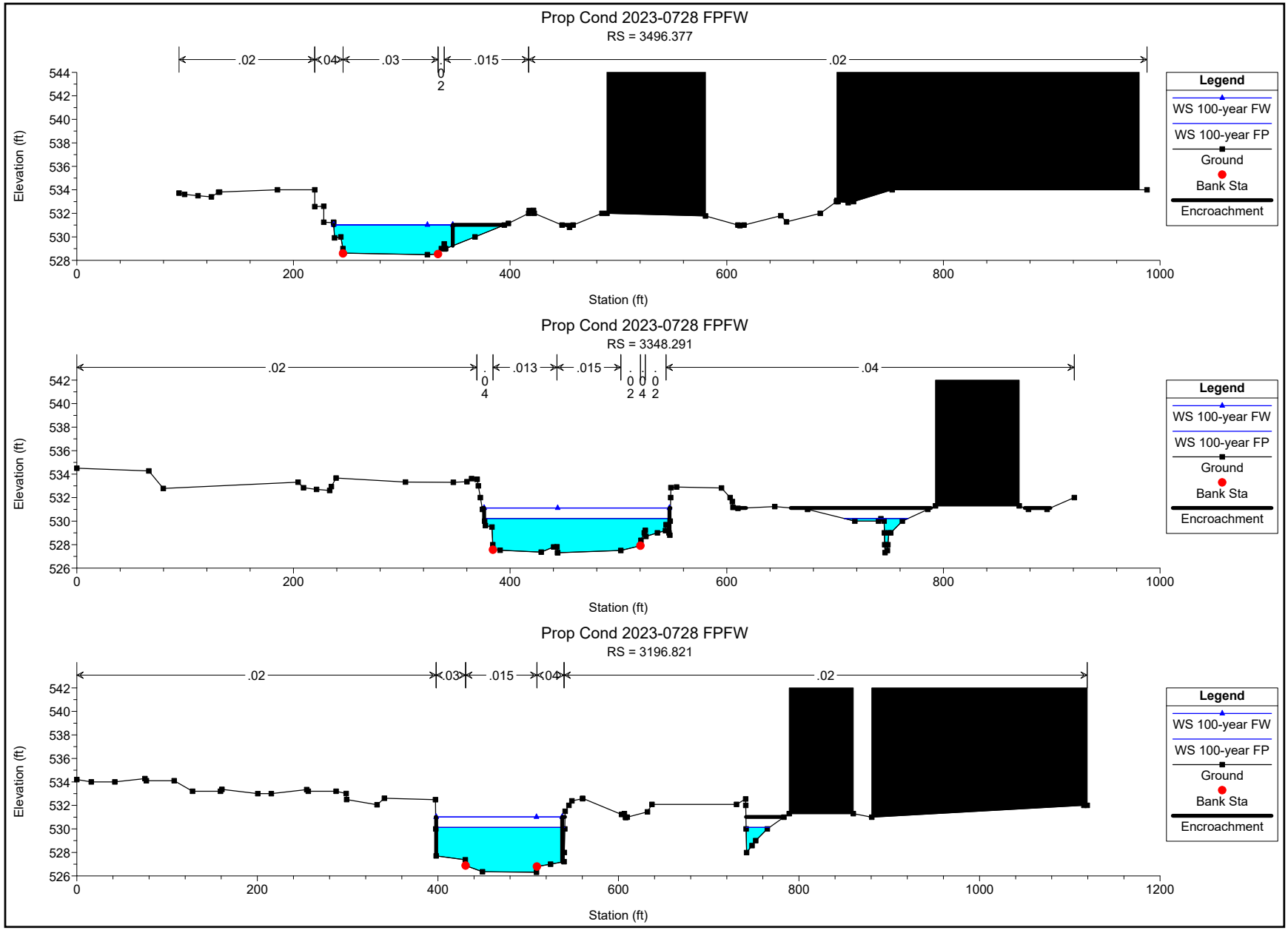
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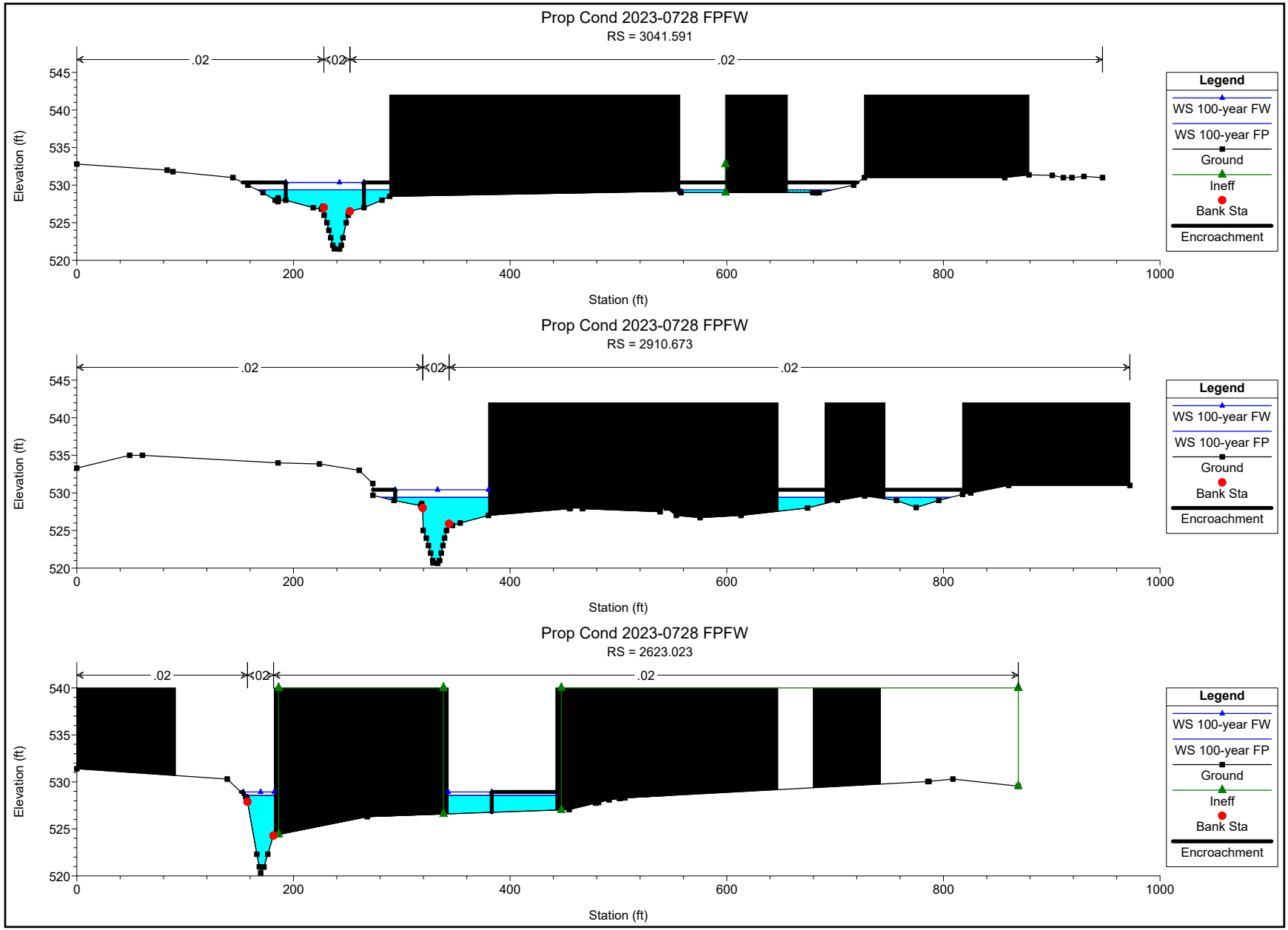
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Encroachment
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WS 100-year FW
WS 100-year FP
Ground
Ineff
Bank Sta
Encroachment

LEGEND:

HEC-RAS CROSS-SECTION

EFFECTIVE 100-YEAR FLOODPLAIN

EFFECTIVE REGULATORY FLOODWAY

2623.023

2910.673

3041.591

3196.821

3348.291

3496.377

3614.247

3753.787

3952.589

BOARDWALK

VIA VERA CRUZ

W. SAN MARCOS BOULEVARD

GRAPHIC SCALE

50 0 25 50 100

1 INCH = 50 FEET

NAVD 88

EXISTING CONDITION
HEC-RAS WORK MAP

LEGEND:

- PROPOSED CONDITION PROJECT
- HEC-RAS CROSS-SECTION
- EFFECTIVE 100-YEAR FLOODPLAIN
- EFFECTIVE REGULATORY FLOODWAY
- PROPOSED CONDITION 100-YEAR FLOODPLAIN
- PROPOSED CONDITION REGULATORY FLOODWAY
- PROPOSED PARK

GRAPHIC SCALE
50 0 25 50 100
1 INCH = 50 FEET
NAVD 88

2623.023
3041.591
2910.673
3196.821
3348.291
3496.377
3614.247
3753.787
3952.589

PICKLEBALL COURTS
LAWN AREA
PLAYGROUND
SKATE PARK
DOG PARK
BOARDWALK
VIA VERA CRUZ
W. SAN MARCOS BOULEVARD

PROPOSED CONDITION HEC-RAS WORK MAP

Appendix H
Noise Study

UPDATED
Noise Technical Report
for the
Restaurant Row Project
City of San Marcos. California

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JULY 2023

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B Construction Noise Modeling Input and Output
C Traffic Noise Modeling Data
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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
a.k.a.	Also known as
APN	Assessor parcel number
Caltrans	California Department of Transportation
CEQA	California Environmental Quality Act
City	City of San Marco
CNEL	Community Noise Equivalent Level
dB	decibel
dBA	A-weighted decibel
DOT	Department of Transportation
Pacific General Plan Amendment/Rezone Project	proposed project
FHWA	Federal Highway Administration
FTA	Federal Transit Administration
ips	inches per second
Ldn	day–night average noise level
Leq	equivalent noise level
Lmax	maximum sound level
Lmin	minimum sound level
OPR	Office of Planning and Research
PPV	peak particle velocity
RCNM	Roadway Construction Noise Model
SLM	Sound level meter
SPL	Sound pressure level
ST	Short-term
STC	Sound transmission class
TL	Transmission loss

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1 Introduction and Background

This technical noise report evaluates the potential noise impacts during construction and operation of the Restaurant Row Project (project). This assessment utilizes City of San Marcos (City) significance thresholds that are comparable to those relating to noise and vibration assessment in Appendix G of the California Environmental Quality Act Guidelines (14 CCR 15000 et seq.).

Project Description

The Project site is located at 1020 West San Marcos Boulevard on the northeast corner of West San Marcos Boulevard and Via Vera Cruz (APNs 219-200-30, 31, and 45). The project location and project site boundary are shown in Figure 1 (Project Location).

The proposed Restaurant Row Project (project) consists of demolition of 63,484 square feet (sf) of existing (primarily vacant) restaurant uses on-site, and re-development of 202 multi-family residential units and 10,400 sf of commercial retail uses on the 10.5-acre project site (Figure 2, Conceptual Site Plan). Residential units would consist of eight (8) three-bedroom townhomes over commercial (town over commercial); 17 front street townhomes ranging in size from three- to four-bedrooms; 57 court townhomes ranging in size from two- to four-bedrooms; and 120 motor court units ranging in size from two- to three-bedrooms. The project would also incorporate a 1.2 acre neighborhood public park including dedicated dog areas, four tot lots, a rolling plaza (for roller skates/roller blades), skaters bowl, open lawn area and 4 pickleball courts. The park would not include an amphitheater or event space, and no outdoor amplified sound system is proposed. From the perspective of potential noise generation for the neighborhood park component, the pickleball courts represent the only potential noise source of concern.

The project includes a request for a Specific Plan, General Plan Amendment, Rezone, Site Development Plan for the private development, and Vesting Tentative Subdivision Map for a mixed-use residential development project on a 10.5-acre site in the City of San Marcos. Additionally, the project requests a separate Site Development Plan for the development of a proposed 1.1-acre neighborhood public park. The General Plan Amendment and Rezone would change the General Plan designation and Zoning from Mixed-Use 1 (MU-1) and Light Industrial (L-1) to Specific Plan Area (SPA). The Specific Plan has been prepared with the intent to provide a comprehensive plan to ensure the efficient development of a new mixed-use residential community. The Specific Plan serves as both a policy document and a regulatory document for the systematic implementation of the policies and goals of the General Plan. The Site Development Plan would configure the site for multi-family dwelling units, ground floor commercial mixed-use space, recreational open space, and private open space. The Tentative Subdivision Map presents specific infrastructure, and lot and street configurations for the site.

Noise Characteristics

Sound is mechanical energy transmitted by pressure waves in a compressible medium, such as air. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired. The sound pressure level (SPL) has become the most common descriptor used to characterize the loudness of an ambient sound level. The unit of measurement of sound pressure is a decibel (dB). Under controlled conditions in an acoustics laboratory, the trained, healthy human ear is able to discern changes in sound levels of 1 dB when exposed to steady, single-frequency signals in the mid-frequency range. Outside such controlled conditions, the trained ear can detect changes of 2 dB in normal environmental noise. It is widely accepted that the average healthy ear, however, can barely perceive environmental noise level changes of 3 dB. A change of 5 dB is readily perceptible, and a change of 10 dB is perceived as twice

or half as loud (Caltrans 2013). A doubling of sound energy results in a 3 dB increase in sound, which means that a doubling of sound energy (e.g., doubling the number of daily trips along a given road) would result in a barely perceptible change in sound level.

Sound may be described in terms of level or amplitude (measured in dB), frequency or pitch (measured in hertz or cycles per second), and duration (measured in seconds or minutes). Because the human ear is not equally sensitive to sound at all frequencies, a special frequency-dependent rating scale is used to relate noise to human sensitivity. The A-weighted decibel (dBA) scale performs this compensation by discriminating against low and very high frequencies in a manner approximating the sensitivity of the human ear. Table 1 provides examples of common noise levels in the indoor and outdoor environment, expressed using the dBA scale.

Several descriptors of noise (a.k.a., noise metrics) exist to help predict average community reactions to the adverse effects of environmental noise, including traffic-generated noise. These descriptors include the equivalent noise level over a given period (L_{eq}), the day–night average noise level (L_{dn}), and the community noise equivalent level (CNEL). Each of these descriptors uses units of dBA.

Table 1
Typical Noise Levels Associated With Common Activities

Common Outdoor Activities	Noise Level (dBA)	Common Indoor Activities
	110	Rock Band
Jet Flyover at 1,000 feet	105	
Gas Lawn Mower at three feet	95	
Diesel Truck at 50 feet, 50 mph	85	Food Blender at 3 feet
	80	Garbage Disposal at 3 feet
Noisy Urban Area, Daytime	75	
	70	Vacuum Cleaner at 10 feet
Commercial Area	65	Normal speech at 3 feet
Heavy Traffic at 300 feet	**60**	
	55	Large Business Office
Quiet Urban Daytime	**50**	Dishwasher (in next room)
Quiet Urban Nighttime	**40**	Theater, Large Conference Room (background)
Quiet Suburban Nighttime	35	
	30	Library
Quiet Rural Nightime	25	Bedroom at Night, Concert Hall (background)
	15	Broadcast/Recording Studio
Lowest Threshold of Human Hearing (Healthy)	**0**	Lowest Threshold of Human Hearing (Healthy)

Source: Caltrans 2013.
Notes: dBA = A-weighted decibel; mph = miles per hour.

L_{eq} is a decibel quantity that represents the constant or energy-averaged value equivalent to the amount of variable sound energy received by a receptor during a time interval. For example, a 1-hour L_{eq} measurement of 60 dBA would represent the average amount of energy contained in all the noise that occurred in that hour. L_{eq} is an effective noise descriptor because of its ability to assess the total time-varying effects of noise on sensitive receptors, which can then be compared to an established L_{eq} standard or threshold of the same duration. Another descriptor is maximum sound level (L_{max}), which is the greatest sound level measured during a designated time interval or event. The minimum sound level (L_{min}) is often called the *floor* of a measurement period.

Unlike the L_{eq}, L_{max}, and L_{min} metrics, L_{dn} and CNEL descriptors always represent 24-hour periods and differ from a 24-hour L_{eq} value because they apply a time-weighted factor designed to emphasize noise events that occur during the non-daytime hours (when speech and sleep disturbance is of more concern). *Time weighted* refers to the fact that L_{dn} and CNEL penalize noise that occurs during certain sensitive periods. In the case of CNEL, noise occurring during the daytime (7:00 a.m. to 7:00 p.m.) receives no penalty. Noise during the evening (7:00 p.m. to 10:00 p.m.) is penalized by adding 5 dB to the actual levels, and nighttime (10:00 p.m. to 7:00 a.m.) noise is penalized by adding 10 dB to the actual levels. L_{dn} differs from CNEL in that the daytime period is longer (defined instead as 7:00 a.m. to 10:00 p.m.), thus eliminating the dB adjustment for the evening period. L_{dn} and CNEL are the predominant criteria used to measure roadway noise affecting residential receptors. These two metrics generally differ from one another by no more than 0.5–1 dB and are often considered or actually defined as being essentially equivalent by many jurisdictions.

Exterior Noise Distance Attenuation

Noise sources are classified in two forms: (1) point sources, such as stationary equipment or a group of construction vehicles and equipment working within a spatially limited area at a given time, and (2) line sources, such as a roadway with a large number of pass-by sources (motor vehicles). Sound generated by a point source typically diminishes (attenuates) at a rate of 6.0 dBA for each doubling of distance from the source to the receptor at acoustically "hard" sites and at a rate of 7.5 dBA for each doubling of distance from source to receptor at acoustically "soft" sites. Sound generated by a line source (i.e., a roadway) typically attenuates at a rate of 3 dBA and 4.5 dBA per doubling distance, for hard and soft sites, respectively. Sound levels can also be attenuated by man-made or natural barriers.

For the purpose of sound attenuation discussion, a "hard" or reflective site does not provide any excess ground-effect attenuation and is characteristic of asphalt or concrete ground surfaces, as well as very hard-packed soils. An acoustically "soft" or absorptive site is characteristic of unpaved loose soil or vegetated ground.

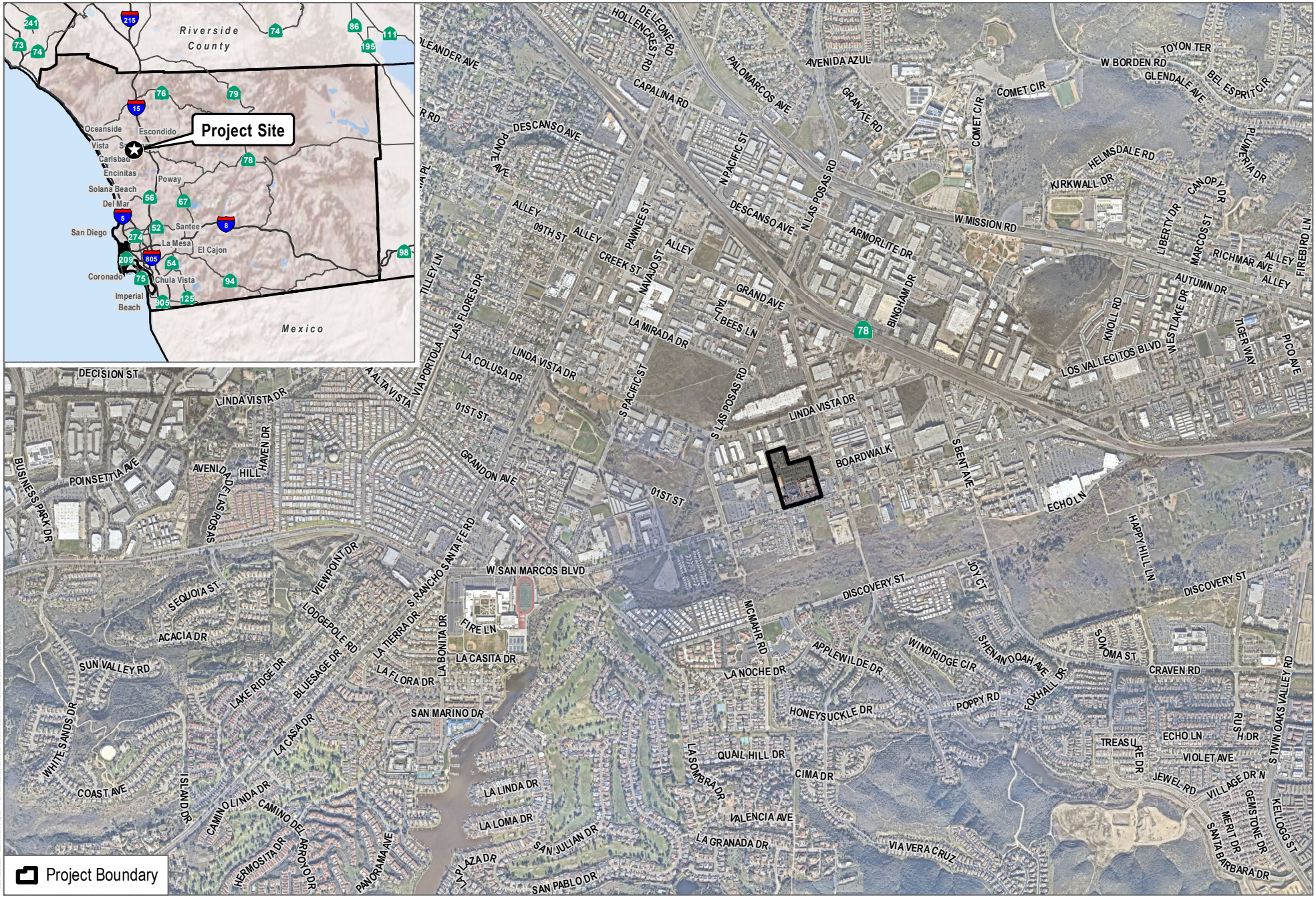
Vibration Fundamentals

Vibration is oscillatory movement of mass (typically a solid) over time. It is described in terms of frequency and amplitude and, unlike sound, can be expressed as displacement, velocity, or acceleration. For environmental studies, vibration is often studied as a velocity that, akin to the discussion of sound pressure levels, can also be expressed in dB as a way to cast a large range of quantities into a more convenient scale and with respect to a reference quantity. Vibration impacts to buildings are generally discussed in terms of inches per second (ips) peak particle velocity (PPV), which will be used herein to discuss vibration levels for ease of reading and comparison with relevant standards.

Vibration can also be annoying and thereby impact occupants of structures, and vibration of sufficient amplitude can disrupt sensitive equipment and processes (Caltrans 2020), such as those involving the use of electron microscopes and lithography equipment. Common sources of vibration within communities include construction activities and railroads. Groundborne vibration generated by construction projects is usually highest during pile driving, rock blasting, soil compacting, jack hammering, and demolition-related activities where sudden releases of subterranean energy or powerful impacts of tools on hard materials occur. Depending on their distances to a sensitive receptor, operation of large bulldozers, graders, loaded dump trucks, or other heavy construction equipment and vehicles on a construction site also have the potential to cause high vibration amplitudes.

Health Effects of Noise

Excessively noisy conditions can affect an individual's quality of life, health, and well-being. The effects of noise can be organized into six broad categories: sleep disturbance, permanent hearing loss, human performance and behavior, social interaction or communication, extra-auditory health effects, and general annoyance. An individual's reaction to noise and its level of disturbance depends on many factors such as the source of the noise, its loudness relative to the background noise level, time of day, whether the noise is temporary or permanent, and subjective sensitivity.



SOURCE: SANGIS 2020, 2022

DUDEK

0 1,000 2,000 Feet

FIGURE 1

Project Location

San Marcos Restaurant Row

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PRODUCT TYPE INFO

TOWN OVER COMMERCIAL

3 Bedroom	8 du
Sub-Total	8 du

FRONT STREET TOWNHOMES

3 Bedroom	7 du
4 Bedroom	8 du
Sub-Total	17 du

GREENCOURT TOWNHOMES

2 Bedroom	29 du
3 Bedroom	13 du
4 Bedroom	15 du
Sub-Total	57 du

MOTORCOURT TOWNHOMES (120du/3.9ac = 30.8 du/ac)

2 Bedroom	78 du
3 Bedroom	42 du
Sub-Total	120 du

Grand Total: 202 units
Total Commercial: 10,400 sf

PARKING

Parking Required

2 Bedrooms: 107x1.75	188 spaces
3+ Bedrooms: 95x2	190 spaces
Guest: 202/3	68 spaces
Total	446 spaces

Parking Provided

Front Street Towns	34 spaces
Towns over Commercial	16 spaces
Court Towns	114 spaces
Garage Motocourt	228 spaces
Open Parking:	
Standard	59 spaces
EVCS	3 spaces
EVCS Van	1 space
EV Ready	17 spaces
Accessible	4 spaces
Accessible Van	1 space
Open Parking Total	(85 spaces)
Total	477 spaces

PRIVATE OPEN SPACE

Greencourts	4,460 sf
Motorcourts	9,876 sf
Town over Commercial	10,032 sf
Total	24,368 sf (.56 acres)

CONDOMINIUMS (R-2/U)

OCCUPANCY GROUP: (CBC SECTION 310)	MIXED USE 1 ZONE: MU-1 R-2/U (PRIVATE GARAGES) - SEPARATED OCCUPANCIES
SEPARATIONS: (CBC SECTION 420.2)	WALLS SEPARATING DWELLING UNITS - 1/2 HOUR FIRE PARTITION PER CBC SECTION 708.3, EXCEPTION #2
TYPE OF CONSTRUCTION	TYPE VB
FIRE RESISTIVE RATING REQUIREMENTS FOR BUILDING ELEMENTS.	REFER TO TABLE 601 (NO RATING IS REQUIRED PER TABLE 601)
FIRE RESISTIVE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE: (TABLE 602)	FIRE SEPARATION DISTANCE > 10' FOR TYPE VB CONSTRUCTION AND R-2 OCCUPANCY SHALL BE ZERO (0) (NON-RATED) FIRE SEPARATION DISTANCE < 10' FOR TYPE VB CONSTRUCTION AND R-2 OCCUPANCY SHALL BE ONE (1) - (1 HOUR) REFER TO SITE PLAN, FOR ACTUAL DIMENSIONS BETWEEN BUILDINGS
ALLOWABLE HEIGHT: (CBC TABLE 504.3)	60 FEET (HEIGHT INCREASE USED)
ACTUAL HEIGHT:	±40'-0"
ALLOWABLE STORIES: (CBC TABLE 504.4)	3 STORIES
FIRE SPRINKLERS:	NFPA 13 PER CBC SECTION 903.3.1.1
MAXIMUM AREA OF EXTERIOR WALL OPENINGS:	UNPROTECTED, SPRINKLERED - PER C.B.C. TABLE 705.8, SEE SITE PLAN FOR FIRE SEPARATION DISTANCE
ALLOWABLE FLOOR AREA:	SEE TABLE
ACCESSIBILITY:	SHALL COMPLY WITH CBC CHAPTER 1102A.3 MULTI-STORY DWELLINGS REFER TO SITE PLAN FOR MORE INFORMATION

DEVELOPMENT NOTES

- SECTION 20.225.040 - MIXED USE 1 ZONE: THE MU-1 ZONE SHOULD INCORPORATE RETAIL STOREFRONTS, URBAN LIVING, AND COMMUNITY DESTINATIONS IN A VERTICAL PEDESTRIAN-ORIENTED SETTING. THESE USES MAY BE MIXED VERTICALLY ON SEPARATE FLOORS OF A BUILDING, OR HORIZONTALLY IN SEPARATE BUILDINGS ON A SINGLE SITE OR ADJACENT PARCELS. TO MAINTAIN A PEDESTRIAN SCALE AND ORIENTATION, PERMITTED USES ON THE GROUND FLOOR ARE LIMITED TO RETAIL AND OTHER ACTIVE USES. THE MU-1 ZONE IS INTENDED TO IMPLEMENT AND IS CONSISTENT WITH THE MIXED USE 1 (MU1) LAND USE DESIGNATION OF THE GENERAL PLAN.
- TABLE 20.225-1 - C BUILDING FRONTAGE AND ACTIVE USE REQUIREMENTS: PEDESTRIAN-ORIENTED GROUND FLOOR USES ARE REQUIRED FOR EIGHTY PERCENT (80%) OF THE BUILDING FRONTAGE ALONG PRIMARY STREET FRONTAGE, AND FACING PUBLIC OPEN SPACES OR PLAZAS.
- FORM-BASED REGULATION FIGURE 20.225-1: FIGURE 20.225-1 IS THE REGULATING PLAN FOR THE MIXED USE ZONES. THE REGULATING PLAN FURTHER MODIFIES THE ZONING DESIGNATIONS OF THE ZONING MAP BY ADDING FORM-BASE STANDARDS SUCH AS SETBACK TYPES, AND PLACE-ORIENTED REGULATIONS TO EACH ZONE. THE DEVELOPMENT STANDARD TABLES OF EACH MIXED USE ZONE (TABLES 20.225-1, 20.225-2, 20.225-3, AND 20.225-4) REFERENCE FEATURES AND LOCATIONS REPRESENTED ON THE REGULATING PLAN.

Scale: 1" = 50'-0"
0 25 50 100

SOURCE: KYGY Architecture + Planning, 2002; Lennar 2023

FIGURE 2
Conceptual Site Plan
San Marcos Restaurant Row

DUDEK

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2 Regulatory Setting

Regulatory Setting

Federal

Federal Transit Administration

In its Transit Noise and Vibration Impact Assessment guidance manual, the Federal Transit Administration (FTA) recommends a daytime construction noise level threshold of 80 dBA L_{eq} over an 8-hour period (FTA 2018) when detailed construction noise assessments are performed to evaluate potential impacts to community residences surrounding a project. Although this FTA guidance is not a regulation, it can serve as a quantified standard in the absence of such limits at the state and local jurisdictional levels.

State

California Department of General Services, California Code of Regulations, Title 24

Title 24 of the California Code of Regulations sets standards that new development in California must meet. According to Title 24, Chapter 12, Section 1206.4, interior noise levels are not to exceed 45 dBA CNEL in any habitable room (California Building Code 2022).

California Department of Health Services Guidelines

The California Department of Health Services has developed guidelines of community noise acceptability for use by local agencies (OPR 2003). Selected relevant levels are listed here:

- Below 60 dBA CNEL: normally acceptable for low-density residential use
- 50 to 70 dBA: conditionally acceptable for low-density residential use
- Below 65 dBA CNEL: normally acceptable for high-density residential use and transient lodging
- 60 to 70 dBA CNEL: conditionally acceptable for high-density residential, transient lodging, churches, educational, and medical facilities

California Department of Transportation

In its Transportation and Construction Vibration Guidance Manual (Caltrans 2020), the California Department of Transportation (Caltrans) recommends 0.5 inches per second (ips) peak particle velocity (PPV) as a threshold for the avoidance of structural damage risk to typical newer residential buildings exposed to continuous or frequent intermittent sources of groundborne vibration. For transient vibration events, such as blasting, the damage risk threshold would be 1.0 ips PPV (Caltrans 2020) at the same type of newer residential structures. For older structures, these guidance thresholds would be more stringent: 0.3 ips PPV for continuous/intermittent vibration sources, and 0.5 ips PPV for transient vibration events. With respect to human annoyance, Caltrans guidance indicates that building occupants exposed to groundborne vibration of 0.10 ips PPV from continuous or frequently intermittent sources may find it "strongly perceptible" (Caltrans 2020) and on such basis would thus be considered a significant groundborne vibration impact for purposes of this assessment. Although these Caltrans guidance thresholds are not regulations, they can serve as quantified standards in the absence of such limits at the local jurisdictional level.

Local

The following are summarized or reproduced portions of relevant City regulations and General Plan policies.

San Marcos

City of San Marcos Municipal Code

The City of San Marcos Municipal Code Chapter 10.24: Noise (San Marcos 2017) addresses construction noise. Erection and demolition of buildings is exempt between 7:00 a.m. and 6:00 p.m. Monday through Friday and on Saturdays from 8:00 a.m. to 5:00 p.m. The Municipal Codes does not set noise limits on construction activities. Commonly, the City has utilized the County of San Diego's Noise Ordinance noise limit of 75 dBA (8-hour average) for construction activities.

Chapter 20.300 (Site Planning and General Development Standards) of the City's Municipal Code includes noise regulations in the form of noise standards by zone (Section 20.300.070, Performance Standards). It should be noted that Municipal Code noise standards typically pertain to stationary (i.e., non-transportation-related) noise sources. The relevant portions of these noise standards are provided below:

1. Noise shall be measured with a sound-level meter that meets the standards of the American National Standards Institute (ANSI) (Section S1.4-1979, Type 1 or Type 2). Noise levels shall be measured in decibels at the property line of the receptor property, and at least five (5) feet above the ground and ten (10) feet from the nearest structure or wall. The unit of measure shall be designated as an A-weighted decibel (dBA) Leq standard. A calibration check shall be made of the instrument at the time any noise measurement is made (Ord. No. 2017-1446, 7-25-2017)

2. No person shall create or allow the creation of exterior noise that causes the noise level to exceed the noise standards established by Table 20.300-4 [shown in this report as Table 2, following page]. Increases in allowable noise levels listed in Table 20.300-4 may be permitted in accordance with the standards outlined in Table 20.300-5 [shown in this report as Table 3, following page].

3. No person shall create nor allow the creation of noise that causes the interior noise level when measured within a dwelling unit to exceed forty-five (45) dBA at any time, except as permitted by Table 20.300-6 [shown in this report as Table 4, following page].

4. Use of compressors or other equipment, including vents, ducts, and conduits, but excluding window or wall-mounted air conditioners, that are located outside of the exterior walls of any building, shall be enclosed within a permanent, non-combustible, view-obscuring enclosure to ensure that the equipment does not emit noise in excess of the ANSI standards.

Table 2. Exterior Noise Standards by Zone

Zone	Allowable Noise Level (dBA L_{eq}) Measured from the Property Line
Single-Family Residential (A, R-1, R-2) [1, 2]	
7 a.m. to 10 p.m. (daytime)	60
10 p.m. to 7 a.m. (overnight)	50
Multifamily Residential (R-3) [1, 2]	
7 a.m. to 10 p.m. (daytime)	65
10 p.m. to 7 a.m. (overnight)	55
Commercial (C, O-P, SR) [3]	
7 a.m. to 10 p.m. (daytime)	65
10 p.m. to 7 a.m. (overnight)	55
Industrial	
7 a.m. to 10 p.m. (daytime)	65
10 p.m. to 7 a.m. (overnight)	60

Source: City of San Marcos 2017 (Table 20.300-4)

Notes:

1 For single-family detached dwelling units, the "exterior noise level" is defined as the noise level measured at an outdoor living area which adjoins and is on the same lot as the dwelling, and which contains at least the following minimum net lot area: (i) for lots less than 4,000 square feet in area, the exterior area shall include 400 square feet, (ii) for lots between 4,000 square feet to 10 acres in area, the exterior area shall include 10 percent of the lot area; (iii) for lots over 10 acres in area, the exterior area shall include 1 acre.

2 For all other residential land uses, "exterior noise level" is defined as noise measured at exterior areas which are provided for private or group usable open space purposes. "Private Usable Open Space" is defined as usable open space intended for use of occupants of one dwelling unit, normally including yards, decks, and balconies. When the noise limit for Private Usable Open Space cannot be met, then a Group Usable Open Space that meets the exterior noise level standard shall be provided. "Group Usable Open Space" is defined as usable open space intended for common use by occupants of a development, either privately owned and maintained or dedicated to a public agency, normally including swimming pools, recreation courts, patios, open landscaped areas, and greenbelts with pedestrian walkways and equestrian and bicycle trails, but not including off-street parking and loading areas or driveways.

3 For non-residential noise sensitive land uses, exterior noise level is defined as noise measured at the exterior area provided for public use.

Table 3. Permitted Increase in Exterior Noise Levels

Permitted Increase (dBA)	Duration (cumulative minutes per hour)
5	15
10	5
15	1
20	Less than 1 minute

Source: City of San Marcos 2017 (Table 20.300-5)

Table 4. Permitted Increase in Interior Noise Levels

Permitted Increase (dBA)	Duration (cumulative minutes per hour)
5	1
10	Less than 1 minute

Source: City of San Marcos 2017 (Table 20.300-6)

City of San Marcos General Plan

To control transportation related noise sources such as arterial roads, freeways, airports, and railroads, the City of San Marcos has established guidelines for acceptable community noise levels in the Noise Element of the General Plan (City of San Marcos 2012). For noise-sensitive rural and single-family residential uses, schools, libraries, parks, and recreational areas the City Noise Element requires an exterior noise levels of less than 60 dBA CNEL for outdoor usable area. For multi-family developments the standard is 65 dBA CNEL and a standard of 70 dBA CNEL is typically applied to commercial uses. The City has also established an interior noise limit of 45 dBA CNEL for all residential uses.

3 Existing Conditions

Sound pressure level (SPL) measurements were conducted near the proposed project site on June 24, 2022, to quantify and characterize the existing outdoor ambient sound levels. Table 5 provides the location, date, and time period at which these baseline noise level measurements were performed by an attending Dudek field investigator using a Rion-branded Model NL-52 sound level meter (SLM) equipped with a 0.5-inch, pre-polarized condenser microphone with pre-amplifier. The SLM meets the current American National Standards Institute standard for a Type 1 (Precision Grade) sound level meter. The accuracy of the SLM was verified using a field calibrator before and after the measurements, and the measurements were conducted with the microphone positioned approximately five feet above the ground.

Four (4) short-term (ST) noise level measurement locations (ST1 – ST4) intended to be representative of the outdoor ambient sound environment for existing or potential future noise-sensitive receivers in the vicinity of the proposed project were selected near the proposed project site. These locations are depicted as receivers ST1 – ST4 on Figure 3, Noise Measurement Locations. The measured L_{eq} and L_{max} noise levels at these surveyed locations are provided in Table 5. The primary noise sources at the sites identified in Table 5 consisted of traffic along adjacent roadways, the sounds of leaves rustling, and birdsong. As shown in Table 5, the measured SPL ranged from 63.5 dBA L_{eq} at ST2 to 74 dBA L_{eq} at ST1. Beyond the summarized information presented in Table 5, detailed noise measurement data is included in Appendix A, Baseline Noise Measurement Field Data.

Table 5. Measured Baseline Outdoor Ambient Noise Levels

Site	Location/Address	Date/Time	L_{eq}	L_{max}
ST1	South side of San Marcos Blvd. East of Project site, adjacent to pre-school.	2022-06-24, 09:40 AM to 09:55 AM	74	83
ST2	West side of Via Vera Cruz, East of Project site.	2022-06-24, 10:10 AM to 10:25 AM	63.5	74.5
ST3	Northern Project site boundary, adjacent to parking lot and The Father's House church.	2022-06-24, 10:30 AM to 10:45 AM	46.5	58.1
ST4	East side of S. Las Posas Road, West of Project site,	2022-06-24, 10:50 AM to 11:05 AM	64.9	74.5

Source: Appendix A.
Notes: L_{eq} = equivalent continuous sound level (time-averaged sound level); L_{max} = maximum sound level during the measurement interval; dBA = A-weighted decibels; ST = short-term noise measurement locations.

Generally, the measured samples of daytime L_{eq} agree with expectations: ST1 is 74 dBA L_{eq} due largely to its proximity to San Marcos Boulevard, a major roadway and thus fairly continuous acoustical contributor to the measured outdoor ambient sound environment. Likewise, ST2 and ST4 are located adjacent to relatively busy roadways, with daytime L_{eq} values of approximately 65 and 65 dBA, respectively; these roadways would also produce fairly continuous contributions to the ambient noise environment. Surrounding land uses include restaurant, commercial office and retail to the east, mixed commercial and light industrial and a church to the north, commercial retail, restaurant, and movie theater to the west, and a plant nursery and RV storage yard to the south. The nearest noise-sensitive land use is a church located approximately 50 feet to the north of the proposed project northern boundary (near ST3). The second closest noise-sensitive use is a pre-school that is located on San Marcos Boulevard approximately 850 feet to the east of the proposed project eastern boundary (near ST1).

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SOURCE: SANGIS 2020, 2023

DUDEK

0 150 300 Feet

FIGURE 3

Locations of Short-Term Noise Measurements

San Marcos Restaurant Row

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4 Thresholds of Significance

The following significance criteria are based on Appendix G of the California Environmental Quality Act Guidelines (14 CCR 15000 et seq.) and will be used to determine the significance of potential noise impacts. Impacts to noise would be significant if the proposed project would result in the following:

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;

b. Generation of excessive groundborne vibration or groundborne noise levels; and

c. Expose people residing or working in the project area to excessive noise levels (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 2 miles of a public airport or public use airport).

In light of these above significance criteria, this analysis uses the following standards to evaluate potential noise and vibration impacts.

- Construction noise – The City of San Marcos Municipal Code Chapter 10.24: Noise (San Marcos 2017) addresses construction noise. Erection and demolition of buildings is exempt between 7:00 a.m. and 6:00 p.m. Monday through Friday and on Saturdays from 8:00 a.m. to 5:00 p.m. The Municipal Code does not set noise limits on construction activities. Through adherence to the limitation of allowable construction times provided in the City of San Marcos Municipal Code, the construction-related noise levels would not exceed local standards. However, were the City to consider adoption of the County of San Diego's Noise Ordinance noise limit of 75 dBA (8-hour L_{eq}) for construction activities, then for information purposes this assessment will compare predicted construction noise against the County's 75 dBA 8-hour L_{eq} threshold. The analysis assumes that the 8-hour period over which the County's 75 dBA L_{eq} could apply would be within the aforementioned exempt hours as allowed by the City of San Marcos.

- Off-site project-attributed transportation noise – For purposes for this analysis, a direct roadway noise impact would be considered significant if increases in roadway traffic noise levels attributed to future residential development as a result of the proposed project were greater than 3 dBA CNEL at an existing noise-sensitive land use.

- Off-site project-attributed stationary noise – For purposes for this analysis, a noise impact would be considered significant if noise from typical operation of heating, ventilation, and air conditioning and other electro-mechanical systems associated with future residential development as a result of the proposed project exceeded 65 dBA hourly L_{eq} for multi-family homes and 60 dBA hourly L_{eq} for single-family homes at the property line from 7:00 a.m. to 9:59 p.m., and 55 dBA hourly L_{eq} for multi-family homes and 50 dBA hourly L_{eq} for single-family homes from 10:00 p.m. to 6:59 a.m.

- Construction vibration – Guidance from Caltrans indicates that a vibration velocity level of 0.2 ips PPV received at a structure would be considered annoying by occupants within (Caltrans 2013b). As for the receiving structure itself, aforementioned Caltrans guidance from Section 2 recommends that a vibration level of 0.3 ips PPV would represent the threshold for building damage risk.

For purposes of disclosure, since current CEQA noise criteria listed above do not consider it, this analysis also evaluates compatibility of on-site traffic noise exposure levels with the City of San Marcos exterior noise standards of 65 dBA CNEL for multi-family homes and 60 dBA CNEL for parks and recreation areas, and with the adopted residential interior noise standard of 45 dBA CNEL..

5 Impact 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 standard of other agencies?

Short-Term Construction

Construction noise and vibration are temporary phenomena. Construction noise and vibration levels vary from hour to hour and day to day, depending on the equipment in use, the operations performed, and the distance between the source and receptor.

Construction assumptions, including timing, phasing, and equipment type and quantity, as well as worker and vendor truck trips, were based on information provided by the applicant. Default values provided by the California Emissions Estimator Model (CalEEMod) were used since detailed project site-specific information is not currently available. Equipment that could be in use during construction would include, in part, graders, backhoes, concrete saws, excavators, dump trucks, loaders, cranes, manlifts, cement mixers, pavers, rollers, welders, and air compressors. The typical maximum noise levels for various pieces of construction equipment at a distance of 50 feet are presented in Table 6. Usually, construction equipment operates in alternating cycles of full power and low power, producing average noise levels over time that are less than the listed maximum noise level. The average sound level of construction activity also depends on the amount of time that the equipment operates and the intensity of construction activities during that time.

Table 6. Typical Construction Equipment Maximum Noise Levels

Equipment Type	Typical Equipment (L_{max}, dBA at 50 Feet)
Air compressor	78
Backhoe	78
Concrete pump truck	81
Grader	85
Crane	81
Roller	80
Manlift	75
Generator	72
Front End Loader	79
Paver	77
Scraper	84
Welder	74

Source: DOT 2006.
Note: L_{max} = maximum sound level; dBA = A-weighted decibels.

Aggregate noise emission from assumed construction activities, broken down by sequential phase, was predicted at three distances to the nearest apparent existing noise-sensitive receptor: 1) from the nearest position of the construction site boundary; 2) from the nearest position of construction activity for the "main" portion of the site (the closest receiver to construction activity is adjacent to the northern extension

of the Project site, which would contain six multi--family residential structures); and , 3) from the geographic center of the construction site, which serves as the time-averaged location or geographic *acoustical centroid* of active construction equipment for the phase under study.

The intent of the first distance is to help evaluate anticipated construction noise from a limited quantity of equipment or vehicle activity expected to be at the boundary for some period of time, which would be most appropriate for phases such as site preparation, grading, and paving within the northern site extension. The intent of the second distance is to address the closest construction activity within the main portion of the Project site, which is located substantially further from the adjacent noise-sensitive receiver than the northern extension of the Project site. Since construction within the northern site extension would have a much shorter duration, the distance to the main site represents the highest average noise levels that would occur at the northern portion of the main Project site, at the closest off-site sensitive receiver. The third distance is used in a manner similar to the general assessment technique as described in Federal Transit Administration (FTA) guidance for construction noise assessment (FTA 2018), when the location of individual equipment for a given construction phase is uncertain over some extent of (or the entirety of) the construction site area. Because of this uncertainty, all the equipment for a construction phase is assumed to operate—on average—from the acoustical centroid. Table 7 summarizes these three distances to the apparent closest noise-sensitive receptor for each of the five sequential construction phases. Adoption of San Diego County's noise ordinance threshold would mean that an "occupied property", which could be a residence or any occupied building, would be the nearest noise-sensitive receptor in this context. At the site boundary, this analysis assumes that the equipment may be operating up to all of eight (8) hours per day (i.e., comparable to a typical on-site work shift).

Table 7. Estimated Distances between Construction Activities and the Nearest Noise-Sensitive Receptors

Construction Phase (and Equipment Types Involved)	Distance from Nearest Noise-Sensitive Receptor to Construction Site Boundary – North Extension (Feet)	Distance from Nearest Noise-Sensitive Receptor to Main Site Construction Boundary (Feet)	Distance from Nearest Noise-Sensitive Receptor to Acoustical Centroid of Site (Feet)
Demolition (Concrete Saw, Excavator, Dozer)	50	300	525
Site Preparation (Backhoe, Dozer)	50	300	525
Grading (Excavator, Grader, Dozer, Scraper, Backhoe)	50	300	525
Building Construction (Crane, Forklift, Backhoe, Welder, Generator)	50	300	525
Architectural Finishes (Air Compressor)	50	300	525
Paving (Roller, Paver, Mixer Truck)	50	300	525

A Microsoft Excel–based noise prediction model emulating and using reference data from the Federal Highway Administration Roadway Construction Noise Model (RCNM) (FHWA 2008) was used to estimate construction noise levels at the nearest occupied noise-sensitive land use. (Although the RCNM was funded and promulgated by the Federal Highway Administration, it is often used for non-roadway projects, because the same types of construction equipment used for roadway projects are often used for other types of construction.) Input variables for the predictive modeling consist of the equipment type and number of each (e.g., two graders, a loader, a tractor), the duty cycle for each piece of equipment (e.g., percentage of time within a specific time period, such as an hour, when the equipment is expected to operate at full power or capacity and thus make noise at a level comparable to what is presented in Table 6, Typical Construction Equipment Maximum Noise Levels), and the distance from the noise-sensitive receiver. The predictive model also considers how many hours that equipment may be on site and operating (or idling) within an established work shift. Conservatively, no topographical or structural shielding was assumed in the modeling. The RCNM has default duty-cycle values for the various pieces of equipment, which were derived from an extensive study of typical construction activity patterns. Those default duty-cycle values were used for this noise analysis, which is detailed in Appendix B, Construction Noise Modeling Input and Output, and produce the predicted results displayed in Table 8.

Table 8. Predicted Construction Noise Levels per Activity Phase

Construction Phase (and Equipment Types Involved)	8-Hour L_{eq} at Nearest Noise-Sensitive Receptor to Construction Site Boundary (dBA)	8-Hour L_{eq} at Nearest Noise-Sensitive Receptor to Main Construction Area (dBA)	8-Hour L_{eq} at Nearest Noise-Sensitive Receptor to Acoustical Centroid of Site (dBA)
Demolition (Concrete Saw, Excavator, Dozer)	**86.8**	71.2	66.4
Site Preparation (Backhoe, Dozer)	**84.6**	69.1	64.2
Grading (Excavator, Grader, Dozer, Scraper, Backhoe)	**87.3**	71.8	66.9
Building Construction (Crane, Forklift, Backhoe, Welder, Generator)	**85.3**	69.7	64.9
Architectural Finishes (Air Compressor)	**81.9**	66.3	61.4
Paving (Roller, Paver, Mixer Truck)	**72.8**	57.2	52.3

Notes: L_{eq} = equivalent noise level; dBA = A-weighted decibels.

As presented in Table 8, the estimated construction noise levels at the closest noise-sensitive receptor (church) are predicted to be greater than 75 dBA L_{eq} even averaged over an 8-hour period, when activities take place within the rectangular extended site area at the northern end of the Project site. Note that these estimated noise levels at a source-to-receiver distance of 50 feet occur when noted pieces of heavy equipment would each operate for a cumulative period of 8 hours a day along the northern property boundary of the northern site extension area. Although construction noise at the closest off-site noise-sensitive receiver could exceed the County of San Diego threshold, the analysis of these noise levels is extremely conservative, because it assumes all equipment in the phase is working simultaneously along the northern boundary. Given the analysis at this distance is very conservative, and because San Marcos has not adopted the San Diego County ordinance, construction noise impacts even within the northern site extension area would be considered **less than significant**..

The site extension area at the north end of the Project site has a depth of approximately 300 feet, as measured perpendicular to the closest noise-sensitive receptor. The construction noise model was run with this distance separation for construction activities, the results of which are also presented in Table 8 (Nearest Noise Sensitive Receptor to Main Construction Area). As can be seen in Table 8, the estimated construction noise levels at the closest noise-sensitive receptor (church) are predicted to be less than 75 dBA L_{eq} averaged over an 8-hour period, when activities take place no closer than the boundary of the main Project site (along the northern Project site boundary, excluding the extension or pop-out near the middle of the northern Project site boundary). Note that these estimated noise levels at a source-to-receiver distance of 300 feet occur when noted pieces of heavy equipment would each operate for a cumulative period of 8 hours a day. Therefore, for construction activities taking place within the main Project site boundaries (i.e., no closer than 300 feet to the adjacent church)., construction noise levels at the closest noise-sensitive receptor would comply with the San Diego County standard.

Finally, Table 8 provides the results of the construction noise analysis based upon the distance from the acoustical centroid to the closest noise-sensitive receptor. This scenario is meant to address construction activities distributed across the site, rather than those occurring along the closest site boundary to the sensitive receptor. The values based on the acoustical centroid are considered to be more representative of average construction noise exposure levels at adjacent properties across the entire construction period. As illustrated in Table 8, noise levels based on the acoustical centroid would average no more than approximately 66 dBA, which is the equivalent of normal conversation levels. Thus, when considered over the entire construction process, it is anticipated that construction noise levels at the closest noise-sensitive receptor would not be intrusive or disruptive.

Compared to measurements of the daytime outdoor ambient sound level at representative sample locations as shown in Table 5, predicted construction noise levels ranging in the lower to middle seventies of A-weighted decibels as appearing in Table 8 are considerably higher and would be clearly perceptible to an average listener having healthy human hearing. However, there are no residences within 1,000 feet of the Project site; the nearest noise-sensitive uses are a church and a pre-school. At the nearby church and pre-school, exposure to such construction-related noise would typically be relatively short term and temporary—lasting only as long as construction occurs during allowable hours. And because it is anticipated that construction activities associated with future development as a result of the proposed project would take place within the hours of 7:00 a.m. and 6:00 p.m. Monday through Friday and on Saturdays from 8:00 a.m. to 5:00 p.m., the noise-producing activity would thus be in compliance with the City's Municipal Code with respect to allowable hours.

Long-Term Operational

Roadway Traffic Noise

The proposed project's residences and commercial space would result in the introduction of vehicle trips on local arterial roadways (i.e., San Marcos Boulevard, Via Vera Cruz, and South Las Posas). However, the project would eliminate several existing restaurants that have high trip generation rates. According to the project local transportation assessment (Intersection Metrics, September 2022), the project would reduce average daily trips coming from the Project site, compared to the existing restaurants. Table 9 presents the conclusion of the traffic analysis, which is shown as estimated reduction of 4,659 average daily trips to local roadways.

Table 9. Project Traffic Generation Versus Current Uses Traffic

Land Use	Units	Trip Rate	Average Daily Trips (ADT)
Multi-Family Units	202 Dwelling Units	6 /Dwelling Unit	1,212
Specialty Retail	10,400 Square Feet	40 / thousand sq. ft.	416
City Park	1.24 Acres	50 / Acre	62
Existing Uses (to be eliminated)			
Existing Restaurants	-63,484	100 / thousand sq. ft.	-6,349
Net Trip Generation	--	--	-4,659

Source: Intersecting Metrics, Old California Restaurant Row Local Transportation Assessment, September 2022.

Given the project would reduce traffic trips from the site to area roadways, traffic noise on area roadways would be reduced as a result of project implementation. Thus, a **less-than-significant impact** is expected for proposed project-related off-site traffic noise affecting existing residences in the vicinity.

Exterior Noise Exposure for Future Project Occupants

Aside from exposure to aviation traffic noise, current CEQA noise-related guidelines at the state level do not require an assessment of exterior-to-interior noise intrusion, environmental noise exposure to occupants of newly-created project residences, or environmental noise exposure to exterior non-residential uses attributed to the potential future development at the proposed project site. Nevertheless, the City's CEQA guidelines and the California Building Code requires that interior background noise levels not exceed a CNEL of 45 dB within habitable rooms. Hence, the following predictive analysis of traffic noise exposure and commercial noise sources at the exteriors of occupied residences and outdoor living areas is provided to support evaluation of the Project for Noise Element policy compliance.

Traffic Noise

Potential noise exposure for future project residents from vehicular traffic on adjacent roadways was assessed using worksheets based upon the Federal Highway Administration's Traffic Noise Model version 2.5. Information used in the model included the roadway geometry, posted traffic speeds, and traffic volumes. The distances from the roadway centerline to the closest building façade adjacent to the roadway were used in the model to calculate roadway traffic noise from each roadway segment at the building façade oriented toward that roadway To model "existing" traffic noise levels, Dudek used traffic volume data from the City of San Marcos Public Works Division (https://www.san-marcos.net/departments/public-works/transportation-engineering/traffic-counts-adt-table) for the Year 2019. To project Year 2030 roadway volumes, Dudek assumed a 1.5% annual growth rate (which is representative of regional traffic growth in California and compares well to the current actual annual growth rate for San Marcos of 1.9% annually). Table 10 presents the results of traffic noise modeling. Appendix C contains the traffic noise spreadsheets. Note that proposed new driveways/roads interior to the project site were not assessed for noise generation, due to the much lower quantity of trips on these roadways compared to Las Posas or Via Vera Cruz, both of which were found to generate noise levels less than 60 dBA CNEL.

Table 10. Roadway Traffic Noise Modeling Results

Roadway Segment / Building Facades Facing	Existing (2019 Counts) ADT	Existing Traffic Noise Exposure Level (dBA CNEL)	Year 2030 Predicted Traffic ADT	Year 2030 Traffic Noise Exposure Level (dBA CNEL)
Las Posas Road.	10,951	57.1	12,758	57.8
San Marcos Blvd.	32,216	70.0	37,582	70.6
Via Vera Cruz	9,654	58.5	11,247	59.2

Source: Dudek **Notes:** dBA = A-weighted decibel; CNEL = Community Noise Equivalent Level; dB = decibel.

The traffic noise exposure levels in Table 10 are calculated for the Project boundary closest to the identified roadway segment. For Project boundaries closest to Las Posas Road and Via Vera Cruz, a number of existing structures exist between the roadway segment and the Project boundary. These existing buildings would provide some shielding for traffic noise propagation, and thus calculated roadway traffic noise levels along these Project boundaries would be lower than the calculated value presented in Table 10 (the values represent a conservative worst-case with no intervening buildings). The Project boundary adjacent to San Marcos Blvd. has unobstructed exposure to the street, and therefore the traffic noise value in Table 10 for San Marcos Boulevard represents expected future conditions, with no conservatism.

The proposed park would extend from the Project boundary closest to Las Posas Road to the Project boundary closest to Via Vera Cruz. From Table 10, the maximum traffic noise level exposure at the ends of the park closest to these roadways would be no greater than 59.2 dBA CNEL, which is below the Noise Element recommended 60 dBA CNEL maximum for parks. Proposed residences along these Project boundaries would also be exposed to traffic noise levels below the Noise Element Policy limit of 65 dBA CNEL for multi-family residences.

The Project would place five rows of two-story structures between San Marcos Blvd. and the park area, which would be expected to reduce traffic noise exposure within the park area by a minimum of 20 dBA CNEL. Therefore, traffic noise exposure levels from San Marcos Blvd. in the Park area would not be anticipated to exceed 50 dBA CNEL. Traffic noise exposure levels in the park area would therefore remain within the Noise Element policy limits of 60 dBA CNEL.

Based on the Year 2030 results of the above traffic noise analysis, the first row of structures adjacent to San Marcos Blvd. could have traffic noise levels in front yard areas and at the façade facing San Marcos Blvd. of approximately 70 dBA CNEL. To achieve compliance with the Noise Element multi-family residential exterior exposure limits of 65 dBA CNEL in yard areas immediately adjacent to San Marcos Blvd., a solid fence or landscape wall of six (6) feet in height should be provided between the yard area and San Marcos Blvd. Such a wall would reduce traffic noise exposure in the yard areas to approximately 63 dBA CNEL.

The first building row adjacent to San Marcos Blvd. is proposed to be two stories in height, effectively spanning the Project property frontage except for one entry drive. This row of buildings would reduce traffic noise exposure at the next row of residences by a minimum of 10 dBA CNEL, and the further distance from the traffic noise source would reduce levels by another 3 dBA CNEL. Therefore, residences interior to the Project site would not be exposed to traffic noise exposure levels greater than approximately 57 dBA CNEL, comfortably within the Noise Element limit of 65 dBA CNEL.

CCR Title 24 requires that an interior noise analysis be performed where exterior noise exposure would exceed 60 dBA CNEL, which would be the case for the facades of the first row of buildings immediately adjacent to San Marcos Blvd.. CCR Title 24 and the City of San Marcos also require that interior noise levels due to exterior noise sources not exceed 45 dBA CNEL for multi-family residences. An interior noise analysis is not currently required under CEQA, but a preliminary discussion for informational purposes is provided. No exterior wall assembly has been provided yet, but it is assumed the exterior wall for the Project structures will be of standard construction and consist of 3-coat stucco or exterior paneling over sheathing, on wood studs with a single layer of gypsum board on the interior and batt insulation in the cavity. This assembly has an attenuation capacity of typically 40-45 (identified by a Sound Transmission Classification [STC] rating), which means the exterior solid wall could reduce exterior noise levels by at least 40 dBA in interior spaces. However, windows and doors are not as effective in reducing noise levels from exterior to interior spaces. Therefore, for residences in the first row of structures adjacent to San Marcos Blvd., to achieve the interior criterion of 45 dBA CNEL, exterior doors and windows located on the building façade facing San Marcos Blvd should have a minimum STC rating of 35.

Exterior Noise Exposure Levels From Adjacent Commercial Land Uses

Existing commercial uses including restaurants, commercial offices, and a bank would be preserved on the property immediately to the east and north of the project site. Industrial enterprises would also be preserved on parcels to the north (with all work activity restricted to the interior of the structures). Roof-mounted HVAC equipment on the closest restaurant to the eastern project site boundary is located approximately 100 feet from the eastern property boundary of the project site. Based on a Carrier brand 20-ton package HVAC unit, the sound level for the HVAC equipment at the closest restaurant would be 77 dBA at 10 feet, attenuated to approximately 59 dBA at the project site eastern boundary. Parking lots associated with the commercial uses north and east of the project site would be the primary noise source that would continue to exist adjacent to the project. The average noise level for a commercial parking lot is approximately 63 dBA L_{eq} at 50 feet from the edge of the parking lot (Dudek 2020b). The closest parking stalls to the project site would be located at approximately 50 feet from future residences within the project. Adding HVAC noise to the parking lot noise would result in noise exposure no greater than approximately 66 dBA L_{eq} at residences along the northern and eastern project site boundary. With standard residential construction capable of providing an exterior to interior attenuation of 25 dBA, interior noise levels should remain below 45 dBA L_{eq}. The adjacent businesses would not be anticipated to operate between 10 PM and 7 AM, and therefore industrial and commercial uses should not result in interior noise levels within project homes that exceed 45 dBA CNEL. For the first row of residences along the northern and eastern Project site boundaries, noise could be marginally above the recommended exterior limits (66 dBA CNEL compared to a limit of 65 dBA CNEL) where yards are provided between the residences and the Project site boundary. Solid fencing or landscape walls six feet in height at the yard boundary closet to the Project site boundary would prevent exterior noise exposure that exceeds the Noise Element limit at proposed yard areas adjacent to the northern and eastern Project site boundaries.

Exterior Noise Exposure - Recreational Noise Sources

The proposed recreation area within the project site illustrates four proposed pickleball courts, at the extreme east end of the park site. The pickleball courts locations are between approximately 50 and 108 feet from the closest residence on the site (immediately south of the pickleball courts). Other on-site residences in the area (along the southern park boundary) would be located between 60 and 200 feet from the pickleball courts. Pickleball play has been demonstrated to generate average sound levels of approximately 64 dBA L_{eq} at 30 feet (Dudek 2020a). Pickleball noise could average 62 dBA L_{eq} at the

closest on-site residence while all the courts are in use; other on-site residences further away would experience lower pickleball noise levels. These noise levels would comply with the municipal code daytime limit of 65 dBA L_{eq} for multi-family residence zoning. The pickleball courts would not be anticipated to be used in the nighttime period (i.e., later than 10 PM), and therefore would not need to comply with the nighttime municipal code limit of 55 dBA L_{eq}. Daytime/evening only use of the pickleball courts would produce exterior noise levels no greater than 63 dBA CNEL at the closest residence, which would result in interior noise levels no greater than 38 dBA CNEL, given an exterior to interior attenuation performance for residential construction. While the pickleball noise would not be expected to exceed applicable limits in the City municipal code, the use of sound attenuating material on the court fences would reduce the potential for residence annoyance from pickleball play. Sound levels at the closest property line from pickleball play would attenuate to approximately 63 dBA L_{eq} and therefore pickleball noise would also be compliant with the City municipal code limit of 65 dBA L_{eq} within the commercial zone to the east of the Project site. The conceptual park plan also illustrates a proposed lawn area with some casual tiered seating, with no proposed amplified sound system. In addition to the pickleball courts, proposed active recreational uses include a tot lot and all-wheel rolling plaza (i.e., area for rollerblading, skating, skateboarding, etc.); neither of these two active recreation areas would be equipped with an amplified sound system. As such, sound levels generated by use of the tot lot and roller plaza would be anticipated to remain well below the municipal code daytime limit of 65 dBA L_{eq} at the nearest multi-family residences; neither the tot lot nor roller plaza are anticipated to be open in the nighttime period. As a public Park, the Parks Department would need to issue a permit for a special event at the tiered lawn area or within other areas of the proposed Park. Due to the proximity of the Park to homes, it is anticipated the City would restrict special event permits to prohibit the use or portable amplified sound systems.

Stationary Operations Noise

Future residential and commercial development on the project site will add a variety of noise-producing mechanical equipment, primarily involving heating, ventilation, and air conditioning equipment for habitable spaces. While there would be some commercial space included in the proposed development, residential structures would be the dominant land use and the quantity of HVAC units would substantially outnumber the systems dedicated to commercial spaces Therefore this stationary equipment operations noise analysis focuses on residential space HVAC equipment. Within the park component, the only substantial noise source would be the proposed pickleball courts (discussed above). Modeling of Project stationary source noise levels at areas adjacent to the Project site does include both residential HVAC sources and the pickleball courts.

Prediction of stationary source operational noise attributed to the Project involved creation of a sound propagation model using a Dudek proprietary software tool. Dudek NoisePro is used for calculation, presentation, assessment, and prediction of environmental noise. Dudek used NoisePro to calculate the combined sound emission from the above-described air conditioner condensers and pickleball courts to predict sound levels at receiver points placed in the model. The outdoor noise propagation formulas in NoisePro follow the International Organization of Standardization (ISO) Standard 9613-2, "Attenuation of Sound During Propagation Outdoors, Part 2: General Method of Calculation" (ISO 1996).

As proposed, structures would be arranged to create a relatively continuous building block along the exterior Project site. The gaps between structures would be minor compared to the length of connected structures and therefore the first row of buildings along the exterior lot boundary would present an effective sound barrier for stationary noise sources more internal to the Project Site. The noise model therefore includes air conditioner condenser units for the first row of building closest to the exterior perimeter of the Project

site. Dudek used the reference sound level (68 dBA at 1 meter) for a Carrier 16NA-48 5-ton HVAC unit to represent the HVAC system for each residential unit located along the Project site boundary. A total of 64 HVAC units were included in the model for the residences along the Project site boundaries. A sound level reference of 64 dBA at 30 feet was included in the model for each of the four pickleball courts. A total of seven receiver points were included in the model space, along the Project property boundary adjacent to concentrations of Project stationary noise sources, to represent the worst-case noise levels for simultaneous operation of all air conditioners in residential units along the site boundaries, and with games on each of the four pickleball courts.

Table 11 presents the results of the Project operational noise prediction modeling at the seven receiver locations (R1-R7) in the NoisePro model space, as well as at the two closest ambient noise measurement locations (ST2 and ST3). Refer to Figure 4 for the locations of R1-R7, ST2 and ST3. These modeled receptor positions are intended to represent Project operational sound levels along the Project Site property boundaries as well as at the noise-sensitive uses closest to the Project site, for comparison to City of San Marcos noise ordinance limits. Properties immediately adjacent to the Project Site include commercial land uses to the west, south and east, as well as north of the eastern half of the Project site, where the applicable municipal code limit in the overnight period is 55 dBA $L_{eq.}$ and during the daytime is 65 dBA $L_{eq.}$ Uses to the north of the western half of the Project Site are industrial, where the applicable municipal code limit in the overnight period is 60 dBA $L_{eq.}$ and during the daytime is 65 dBA $L_{eq.}$ As indicated in Table 11, Project operational noise levels at each modeled location except R4 and R5 would fall below the more stringent nighttime limit, indicating that even if all equipment is operating in the overnight period, the Project noise levels would comply. At receiver R4 and R5, the modeled noise levels reflect use of all four pickleball courts simultaneously. Since the courts would not be anticipated to be open in the overnight period from 10 PM to 7 AM, noise levels from the courts at the adjacent Project Site boundaries would be subject to the daytime limit for commercial zones of 65 dBA $L_{eq;}$ the modeled noise levels of 60 and 57 dBA L_{eq} at the property lines adjacent to the Pickleball courts would comply with the commercial zone daytime limits of 65 dBA $L_{eq.}$ NoisePro also generates an exhibit with noise contours depicting the noise levels resulting from project operations, that illustrates noise levels extending several hundred feet from the site. Refer to Figure 4 for the noise contour map from the NoisePro modeling.

Table 11. Stationary Noise Source Levels Compared to Noise Ordinance

Receiver	Description	Predicted Noise Level (dBA L_{eq})	Applicable Sound Level Limit (dBA L_{eq})	Limit Exceeded?
R1	Midpoint of Eastern Project Property Boundary	53	55	NO
R2	Midpoint of Northern Extension Property Boundary	51	60	NO
R3	Midpoint of Eastern Extension Property Boundary	51	55	NO
R4	Property Boundary North of Pickleball Courts	60	65	NO
R5	Property Boundary East of Pickleball Courts	57	65	NO
R6	Midpoint of Eastern Project Property Boundary	54	55	NO
R7	Midpoint of Southern Project Property Boundary	50	55	NO
ST2	Ambient Noise Measure Location at Via Vera Cruz	42	55	NO
ST3	Ambient Noise Measurement Location at Church	45	55	NO

Source: Appendix D

Notes: [1] The nighttime limit under the noise ordinance for City of San Marcos.
dBA = A-weighted decibel; L_{eq} = Noise Equivalent Level (Average Noise Level)

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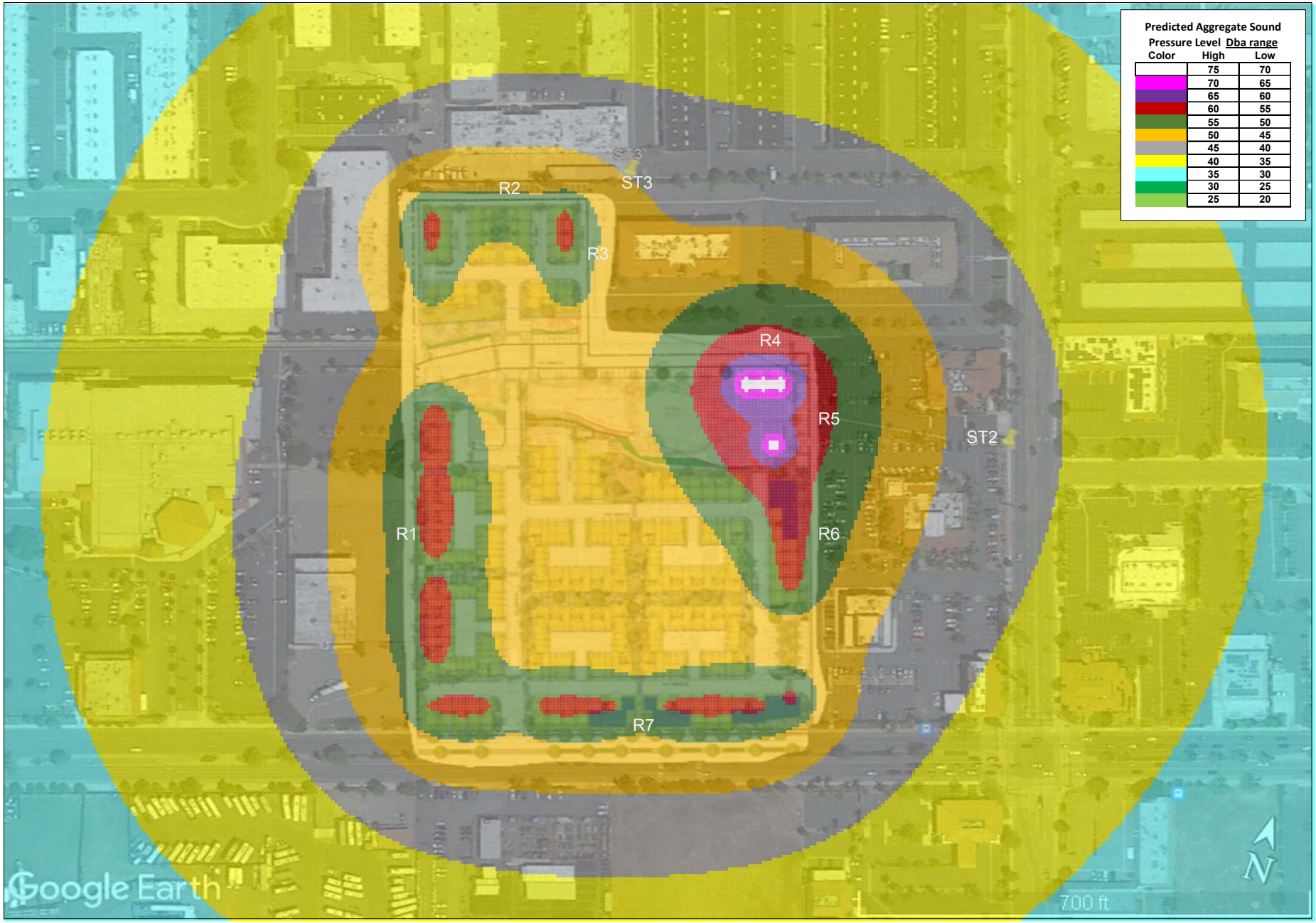

SOURCE: Dudek 2023

DUDEK 0 53 106 Feet

FIGURE 4

Noise Contours - Aggregate Stationary Sources Operational Noise Level Prediction

San Marcos Restaurant Row

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Dudek also compared the predicted operational noise to ambient noise levels documented during the ambient noise survey, as reported for locations ST1, ST2, ST3 and ST4. Table 12 presents the predicted Project operational noise levels to the measured ambient noise levels; predicted Project operational noise levels at each ambient noise measurement point would fall below the measured ambient noise level. Adding the Project operational noise to the ambient noise level would in each case result in less than a 3 dB increase.

Table 12. Stationary Noise Source Modeling Results Compared to Ambient

Road Segment ID	Description	Predicted Noise Level (dBA L_{eq})	Ambient Noise Level (dBA L_{eq})	Ambient Plus Project Noise Level (dBA L_{eq})	Increase Greater Than 3 dBA?
ST1	Pre-School on San Marcos, East of Project	31	74	74	NO
ST2	Commercial uses on Via Vera Cruz, East of Project	42	63	63	NO
ST3	Church, North of Project	45	46	48	NO
ST4	Commercial uses on Las Posas, West of Project	32	65	65	NO

Source: Appendix D

On the basis of comparing predicted Project operational noise levels against both noise ordinance limits and ambient noise levels, **a less-than-significant impact would occur for proposed project operational noise**

Cumulative Noise Assessment

Transportation Sources

The proposed project would result in a reduction in the total number of traffic trips added to the local roadway network, when compared to the existing restaurant uses which would be eliminated by the project. Therefore, the project would not have a considerable contribution to cumulative traffic impacts in the region.

Construction Activities

Temporary changes to the outdoor sound environment could also occur not only due to project construction noise that has already been presented herein, but as a cumulative result of potential concurrent project construction activity noise and the noise emission from construction of other projects in the vicinity.

Due to the decrease in noise levels with distance and the presence of physical barriers (i.e., intervening buildings and topography), noise due to construction of other projects would not meaningfully combine with that of the proposed project and produce a cumulative noise effect during construction. By way of illustration, if there are two concurrent construction projects of comparable sound emission intensity, and the activity nearest to a common studied noise-sensitive receptor is compliant with the aforementioned 75 dBA 8-hour L_{eq}, then the other activity could be no closer than three times the distance of the receptor to the nearest activity and not make a cumulatively measurable contribution to the total noise exposure level. If, on the other hand, two concurrent projects were comparably close to a receptor, the cumulative noise would be one of the following:

- The louder (in dBA) of the two concurrent activities; or
- a logarithmic sum of the two activity noise levels that, per acoustic principles, cannot be more than 3 dBA greater than the louder of the two individual noise-producing activities.

In sum, cumulative construction noise is likely to be dominated by the closest or loudest activity to the receptor, and the combination will be no more than a barely perceptible difference (i.e., up to a 3 dBA change). On the basis of such a barely perceptible cumulative construction noise level occurring due to the proposed project and what may be a nearby concurrent construction activity, the impact would be considered less than significant.

Stationary Operational Sources

Akin to the preceding discussion of cumulative construction noise, operation noise from stationary equipment attributed to the proposed project (as already presented herein) and any others potentially operating in the future and in the vicinity of a common offsite noise-sensitive receptor would need to be compliant with the City's applicable standards. Cumulative contribution of the proposed project to this future aggregate noise level from multiple established projects or facilities assumed to have comparable individual noise emission from stationary sources would be bounded by the same potential outcomes as follows:

- The louder (in dBA) of the two concurrently operating projects or facilities; or
- a logarithmic sum of the two operation noise levels that, per acoustic principles, cannot be more than 3 dBA greater than the louder of the two individual levels.

In sum, cumulative operation noise is likely to be dominated by the closest or loudest project to the receptor, and the combination will be no more than a barely perceptible difference (i.e., up to a 3 dBA change). On the basis of such a barely perceptible cumulative operation noise level occurring due to the proposed project and what may be nearby and concurrent operation of offsite stationary noise sources, the impact would be considered less than significant.

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

Conventional Construction Activity Vibration

Construction activities may expose persons to excessive groundborne vibration or groundborne noise, causing a potentially significant impact. Caltrans has collected groundborne vibration information related to construction activities (Caltrans 2020). Information from Caltrans indicates that continuous vibrations with a PPV of approximately 0.1 inch per second (ips) could be considered annoying on the basis of it being "strongly perceptible" by building occupants. For context, heavier pieces of construction equipment, such as a bulldozer that may be expected on the project site, have peak particle velocities of approximately 0.089 ips PPV or less at a reference distance of 25 feet (FTA 2018).

Groundborne vibration attenuates rapidly, even over short distances. The attenuation of groundborne vibration as it propagates from source to receptor through intervening soils and rock strata can be estimated with expressions found in FTA and Caltrans guidance. By way of example, for a bulldozer operating on site and as close as the northern project boundary (i.e., 50 feet from the nearest occupied

property) the estimated vibration velocity level would be 0.03 ips PPV per the equation as follows (FTA 2018):

$$PPV_{rcvr} = PPV_{ref} * (25/D)^{1.5} = 0.089 * (25/50)^{1.5} = 0.006$$

In the above equation, PPV_{rcvr} is the predicted vibration velocity at the receiver position, PPV_{ref} is the reference value at 25 feet from the vibration source (the bulldozer), and D is the actual horizontal distance to the receiver. Therefore, at this predicted PPV, the impact of vibration-induced annoyance to occupants of nearby existing homes would be less than 0.1 ips PPV and therefore less than significant.

Construction vibration, at sufficiently high levels, can also present a building damage risk. However, anticipated construction vibration associated with future development on-site would yield levels of 0.03 ips, which do not surpass the guidance limit of 0.2 to 0.3 ips PPV for preventing damage to residential structures (Caltrans 2020). Because the predicted vibration level at 50 feet is less than this guidance limit, the risk of vibration damage to nearby structures is considered **less than significant**.

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?*

There are no private airstrips within the vicinity of the project site. The closest airport to the project site is the McClellan Palomar Airport approximately 4.6 miles west of the site; the project site is not located within the boundaries of the land use plan adopted for this airport.. Impacts from aviation overflight noise exposure would be considered **less than significant**.

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6 Mitigation Measures

Short-term construction noise levels at the closest receivers, on-site operational noise levels, off-site traffic noise contributions, and construction vibration levels were each determined to be less than significant, and therefore no mitigation measures would be required for these impacts.

Traffic noise exposure for a proposed noise-sensitive use, such as a residence, is no longer addressed under CEQA. With respect to Project compliance with Noise Element policies regarding exterior noise exposure levels for multi-family residences, the following site design element is recommended:

- For residences with yard area that lies adjacent to the southern, eastern, or norther Project Site boundary, a six-foot-high solid fence or landscape wall should be provided along the yard/project site boundary in order to ensure exterior noise levels from roadway traffic and adjacent commercial uses does not exceed 65 dBA CNEL in these yard areas.

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7 Summary of Findings

This noise report was conducted for potential future development associated with the approval of the proposed project. The results indicate short-term construction noise levels at the closest receivers, on-site operational noise levels, off-site traffic noise contributions, and construction vibration levels were each determined to be less than significant. No mitigations would therefore be required for noise or vibration effects of the proposed project.

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Appendix A

Baseline Noise Measurement Field Data

FORMS DUDEK FIELD DATA REPORT

Field Noise Measurement Data

Record: 1426	
Project Name	*Restaurant row*
Observer(s)	*Connor Burke*
Date	*2022-06-24*

Meteorological Conditions	
Temp (F)	*82*
Humidity % (R.H.)	*39*
Wind	*Light*
Wind Speed (MPH)	*5*
Wind Direction	*West*
Sky	*Sunny*

Instrument and Calibrator Information	
Instrument Name List	*(ENC) Rion NL-52*
Instrument Name	*(ENC) Rion NL-52*
Instrument Name Lookup Key	*(ENC) Rion NL-52*
Manufacturer	*Rion*
Model	*NL-52*
Serial Number	*553896*
Calibrator Name	*(ENC) LD CAL150*
Calibrator Name	*(ENC) LD CAL150*
Calibrator Name Lookup Key	*(ENC) LD CAL150*
Calibrator Manufacturer	*Larson Davis*
Calibrator Model	*LD CAL150*
Calibrator Serial #	*5152*
Pre-Test (dBA SPL)	*94*
Post-Test (dBA SPL)	*94*
Windscreen	*Yes*
Weighting?	*A-WTD*
Slow/Fast?	*Slow*
ANSI?	*Yes*

Monitoring	
Record #	*1*
Site ID	*ST1*
Site Location Lat/Long	*33.135145, -117.185674*
Begin (Time)	*09:40:00*
End (Time)	*09:55:00*
Leq	*74*
Lmax	*83*
Lmin	*53.8*
Other Lx?	*L90, L50, L10*
L90	*60.6*
L50	*72*
L10	*77.4*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Distant Dog Barking, Distant Traffic*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Source Info and Traffic Counts	
Number of Lanes	4
Lane Width (feet)	10
Roadway Width (feet)	40
Roadway Width (m)	12.2
Distance to Roadway (feet)	10
Distance to Roadway (m)	3
Distance Measured to Centerline or Edge of Pavement?	Edge of Pavement
Estimated Vehicle Speed (MPH)	40

Traffic Counts	
Vehicle Count Summary	A 441, MT 8, HT 3, B 0, MC 0
Select Method for Recording Count Duration	Enter Manually
Counting Both Directions?	Yes
Count Duration (minutes)	15
Vehicle Count Tally	
Select Method for Vehicle Counts	Enter Manually
Number of Vehicles - Autos	441
Number of Vehicles - Medium Trucks	8
Number of Vehicles - Heavy Trucks	3
Number of Vehicles - Buses	0
Number of Vehicles - Motorcyles	0

Description / Photos

Site Photos

Photo	
Comments / Description	Facing north towards San marcos

Monitoring	
Record #	2
Site ID	ST2
Site Location Lat/Long	33.136194, -117.188588
Begin (Time)	10:10:00
End (Time)	10:25:00
Leq	63.5
Lmax	74.5
Lmin	49.2
Other Lx?	L90, L50, L10
L90	52.4
L50	59.1
L10	67.8
Other Lx (Specify Metric)	L
Primary Noise Source	Traffic
Other Noise Sources (Background)	Distant Traffic, Rustling Leaves
Is the same instrument and calibrator being used as previously noted?	Yes
Are the meteorological conditions the same as previously noted?	Yes

Source Info and Traffic Counts	
Number of Lanes	4
Lane Width (feet)	10
Roadway Width (feet)	40
Roadway Width (m)	12.2
Distance to Roadway (feet)	10
Distance to Roadway (m)	3
Distance Measured to Centerline or Edge of Pavement?	Edge of Pavement
Estimated Vehicle Speed (MPH)	40

Traffic Counts	
Vehicle Count Summary	A 104, MT 3, HT 0, B 0, MC 0
Select Method for Recording Count Duration	Enter Manually
Counting Both Directions?	Yes
Count Duration (minutes)	15
Vehicle Count Tally	
Select Method for Vehicle Counts	Enter Manually
Number of Vehicles - Autos	104
Number of Vehicles - Medium Trucks	3
Number of Vehicles - Heavy Trucks	0
Number of Vehicles - Buses	0
Number of Vehicles - Motorcyles	0

Description / Photos

Site Photos

Photo	
Comments / Description	*Facing East towards via Vera Cruz*

Monitoring

Record #	*3*
Site ID	*ST3*
Site Location Lat/Long	*33.136636, -117.191209*
Begin (Time)	*10:30:00*
End (Time)	*10:45:00*
Leq	*46.5*
Lmax	*58.1*
Lmin	*42*
Other Lx?	*L90, L50, L10*
L90	*42.6*
L50	*44.1*
L10	*48.8*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Distant traffic*
Other Noise Sources (Background)	*Distant Conversations / Yelling, Distant Traffic, Rustling Leaves*
Other Noise Sources Additional Description	*Moving truck*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

Description / Photos

Site Photos

Photo	
Comments / Description	*Facing south*

Monitoring

Record #	*4*
Site ID	*ST4*
Site Location Lat/Long	*33.134329, -117.194216*
Begin (Time)	*10:50:00*
End (Time)	*11:05:00*
Leq	*64.9*
Lmax	*74.5*
Lmin	*46*
Other Lx?	*L90, L50, L10*
L90	*51.3*
L50	*58.9*
L10	*69.2*
Other Lx (Specify Metric)	*L*
Primary Noise Source	*Traffic*
Other Noise Sources (Background)	*Birds, Distant Traffic*
Other Noise Sources Additional Description	*Car wash tunnel*
Is the same instrument and calibrator being used as previously noted?	*Yes*
Are the meteorological conditions the same as previously noted?	*Yes*

FORMS DUDEK FIELD DATA REPORT

Source Info and Traffic Counts

Number of Lanes	*4*
Lane Width (feet)	*10*
Roadway Width (feet)	*40*
Roadway Width (m)	*12.2*
Distance to Roadway (feet)	*10*
Distance to Roadway (m)	*3*
Distance Measured to Centerline or Edge of Pavement?	*Edge of Pavement*
Estimated Vehicle Speed (MPH)	*40*

Traffic Counts

Vehicle Count Summary	*A 132, MT 4, HT 0, B 1, MC 0*
Select Method for Recording Count Duration	*Enter Manually*
Counting Both Directions?	*Yes*
Count Duration (minutes)	*15*
Vehicle Count Tally	
Select Method for Vehicle Counts	*Enter Manually*
Number of Vehicles - Autos	*132*
Number of Vehicles - Medium Trucks	*4*
Number of Vehicles - Heavy Trucks	*0*
Number of Vehicles - Buses	*1*
Number of Vehicles - Motorcyles	*0*

Description / Photos

Site Photos

Photo

Appendix B

Construction Noise Modeling Input and Output

noise level limit for construction phase, per County = 75
allowable hours over which Leq is to be averaged (FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Lmax @ 50 ft. for quantify of equipment	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Concrete Saw	1	20	90	90	50	90.0	8	480	83
	Excavator	3	40	81	86	50	85.8	8	480	82
	Dozer	2	40	82	85	50	85.0	8	480	81
							Total for Demolition Phase:			86.8
Site Preparation	backhoe	4	40	78	84	50	84.0	8	480	80
	Dozer	3	40	82	87	50	86.8	8	480	83
							Total for Site Preparation Phase:			84.6
Grading	Excavator	2	40	81	84	50	84.0	8	480	80
	Grader	1	40	85	85	50	85.0	8	480	81
	dozer	1	40	82	82	50	82.0	8	480	78
	scraper	2	40	84	87	50	87.0	8	480	83
	backhoe	2	40	78	81	50	81.0	8	480	77
							Total for Grading Phase:			87.3
Building Construction	Crane	1	16	81	81	50	81.0	7	420	72
	Gradall	3	40	83	88	50	87.8	8	480	84
	Generator	1	50	72	72	50	72.0	8	480	69
	Backhoe	3	40	78	83	50	82.8	7	420	78
	Welder / Torch	1	40	73	73	50	73.0	8	480	69
							Total for Building Construction Phase:			85.3
Paving	Concrete Mixer Truck	2	40	79	82	50	82.0	8	480	78
	Roller	2	20	80	83	50	83.0	8	480	76
	Paver	2	50	77	80	50	80.0	8	480	77
							Total for Paving Phase:			81.9
Architectural Coating - Phase 1	Compressor (air)	1	40	78	78	50	78.0	6	360	73
							Total for Architectural Coating - Phase 1 Phase:			72.8

noise level limit for construction phase, per County = 75
allowable hours over which Leq is to be averaged (FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Lmax @ 50 ft. for quantify of equipment	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Concrete Saw	1	20	90	90	300	74.4	8	480	67
	Excavator	3	40	81	86	300	70.2	8	480	66
	Dozer	2	40	82	85	300	69.4	8	480	65
							Total for Demolition Phase:			**71.2**
Site Preparation	backhoe	4	40	78	84	300	68.5	8	480	64
	Dozer	3	40	82	87	300	71.2	8	480	67
							Total for Site Preparation Phase:			**69.1**
Grading	Excavator	2	40	81	84	300	68.4	8	480	64
	Grader	1	40	85	85	300	69.4	8	480	65
	dozer	1	40	82	82	300	66.4	8	480	62
	scraper	2	40	84	87	300	71.4	8	480	67
	backhoe	2	40	78	81	300	65.4	8	480	61
							Total for Grading Phase:			**71.8**
Building Construction	Crane	1	16	81	81	300	65.4	7	420	57
	Gradall	3	40	83	88	300	72.2	8	480	68
	Generator	1	50	72	72	300	56.4	8	480	53
	Backhoe	3	40	78	83	300	67.2	7	420	63
	Welder / Torch	1	40	73	73	300	57.4	8	480	53
							Total for Building Construction Phase:			**69.7**
Paving	Concrete Mixer Truck	2	40	79	82	300	66.4	8	480	62
	Roller	2	20	80	83	300	67.4	8	480	60
	Paver	2	50	77	80	300	64.4	8	480	61
							Total for Paving Phase:			**66.3**
Architectural Coating - Phase 1	Compressor (air)	1	40	78	78	300	62.4	6	360	57
							Total for Architectural Coating - Phase 1 Phase:			**57.2**

noise level limit for construction phase, per County = 75
allowable hours over which Leq is to be averaged (FTA guidance) = 8

Construction Phase	Equipment	Total Equipment Qty	AUF % (from FHWA RCNM)	Reference Lmax @ 50 ft. from FHWA RCNM	Lmax @ 50 ft. for quantify of equipment	Source to NSR Distance (ft.)	Distance-Adjusted Lmax	Allowable Operation Time (hours)	Allowable Operation Time (minutes)	Predicted 8-hour Leq
Demolition	Concrete Saw	1	20	90	90	525	69.6	8	480	63
	Excavator	3	40	81	86	525	65.3	8	480	61
	Dozer	2	40	82	85	525	64.6	8	480	61
							Total for Demolition Phase:			**66.4**
Site Preparation	backhoe	4	40	78	84	525	63.6	8	480	60
	Dozer	3	40	82	87	525	66.3	8	480	62
							Total for Site Preparation Phase:			**64.2**
Grading	Excavator	2	40	81	84	525	63.6	8	480	60
	Grader	1	40	85	85	525	64.6	8	480	61
	dozer	1	40	82	82	525	61.6	8	480	58
	scraper	2	40	84	87	525	66.6	8	480	63
	backhoe	2	40	78	81	525	60.6	8	480	57
							Total for Grading Phase:			**66.9**
Building Construction	Crane	1	16	81	81	525	60.6	7	420	52
	Gradall	3	40	83	88	525	67.3	8	480	63
	Generator	1	50	72	72	525	51.6	8	480	49
	Backhoe	3	40	78	83	525	62.3	7	420	58
	Welder / Torch	1	40	73	73	525	52.6	8	480	49
							Total for Building Construction Phase:			**64.9**
Paving	Concrete Mixer Truck	2	40	79	82	525	61.6	8	480	58
	Roller	2	20	80	83	525	62.6	8	480	56
	Paver	2	50	77	80	525	59.6	8	480	57
							Total for Paving Phase:			**61.4**
Architectural Coating - Phase 1	Compressor (air)	1	40	78	78	525	57.6	6	360	52
							Total for Architectural Coating - Phase 1 Phase:			**52.3**

Equipment Description	Impact Device?	Acoustical Use Factor (%)	Lesser of or available Lmax	Spec. 721 Lmax	Measured L_{max} @50ft (dBA, slow)
All Other Equipment > 5 HP	No	50	85	85	-- N/A --
Auger Drill Rig	No	20	84	85	84
Backhoe	No	40	78	80	78
Bar Bender	No	20	80	80	-- N/A --
Blasting	Yes	-- N/A --	94	94	-- N/A --
Boring Jack Power Unit	No	50	80	80	83
Chain Saw	No	20	84	85	84
Clam Shovel (dropping)	Yes	20	87	93	87
Compactor (ground)	No	20	80	80	83
Compressor (air)	No	40	78	80	78
Concrete Batch Plant	No	15	83	83	-- N/A --
Concrete Mixer Truck	No	40	79	85	79
Concrete Pump Truck	No	20	81	82	81
Concrete Saw	No	20	90	90	90
Crane	No	16	81	85	81
Dozer	No	40	82	85	82
Drill Rig Truck	No	20	79	84	79
Drum Mixer	No	50	80	80	80
Dump Truck	No	40	76	84	76
Excavator	No	40	81	85	81
Flat Bed Truck	No	40	74	84	74
Front End Loader	No	40	79	80	79
Generator	No	50	72	72	81
Generator (<25KVA, VMS signs)	No	50	70	70	73
Gradall	No	40	83	85	83
Grader	No	40	85	85	-- N/A --
Grapple (on backhoe)	No	40	85	85	87
Horizontal Boring Hydr. Jack	No	25	80	80	82
Hydra Break Ram	Yes	10	90	90	-- N/A --
Impact Pile Driver	Yes	20	95	95	101
Jackhammer	Yes	20	85	85	89
Man Lift	No	20	75	85	75
Mounted Impact Hammer (hoe ram)	Yes	20	90	90	90
Pavement Scarafier	No	20	85	85	90
Paver	No	50	77	85	77
Pickup Truck	No	40	55	55	75
Pneumatic Tools	No	50	85	85	85
Pumps	No	50	77	77	81
Refrigerator Unit	No	100	73	82	73
Rivit Buster/chipping gun	Yes	20	79	85	79
Rock Drill	No	20	81	85	81
Roller	No	20	80	85	80
Sand Blasting (Single Nozzle)	No	20	85	85	96
Scraper	No	40	84	85	84
Shears (on backhoe)	No	40	85	85	96
Slurry Plant	No	100	78	78	78
Slurry Trenching Machine	No	50	80	82	80
Soil Mix Drill Rig	No	50	80	80	-- N/A --
Tractor	No	40	84	84	-- N/A --
Vacuum Excavator (Vac-truck)	No	40	85	85	85
Vacuum Street Sweeper	No	10	80	80	82
Ventilation Fan	No	100	79	85	79
Vibrating Hopper	No	50	85	85	87
Vibratory Concrete Mixer	No	20	80	80	80
Vibratory Pile Driver	No	20	95	95	101
Warning Horn	No	5	83	85	83
Welder / Torch	No	40	73	73	74

Appendix C

Traffic Noise Modeling Input and Output

San Marcos Restaurant Row

Traffic Noise Exposure Modeling Calculations - Summary

Project: **13844 San Marcos Restaurant Row**

Number	Name	Segment Description and Location From	To	Existing (2019)	Year 2030 Prediction	
Summary of Net Changes						
1	South Las Posas	North of San Marcos Blvd.		57.1	57.8	
2	San Marcos Blvd.	Las Posas	Via Vera Cruz	70.0	70.6	
3	Via Vera Cruz	San Marcos Blvd.	Grand Avenue	58.5	59.2	

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

San Marcos Restaurant Row - 1

Traffic Noise Model Calculations

Project: 13844 San Marcos Restaurant Row

Noise Level Descriptor: CNEL
Site Conditions: Hard
Traffic Input: ADT
Traffic K-Factor: 10

Segment Description and Location				Input										Output				
						Distance to Directional Centerline, (feet)[4]		Traffic Distribution Characteristics						CNEL,	Distance to Contour, (feet)[3]			
Number	Name	From	To	ADT	Speed (mph)	Near	Far	% Auto	% Med	% Hvy	% Day	% Eve	% Night	(dBA)[5,6,7]	70 dBA	65 dBA	60 dBA	55 dBA
Existing (2019) Conditions																		
1	South Las Posas	North of San Marcos Blvd.		10,951	45	745	770	97.0%	2.0%	1.0%	77.0%	13.4%	9.6%	57.1	39	124	392	1239
2	San Marcos Blvd.	Las Posas	Via Vera Cruz	32,216	40	65	115	97.0%	2.0%	1.0%	77.0%	13.4%	9.6%	70.0	86	271	857	2710
3	Via Vera Cruz	San Marcos Blvd.	Grand Avenue	9,654	40	340	355	97.0%	2.0%	1.0%	77.0%	13.4%	9.6%	58.5	25	78	247	780

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

San Marcos Restaurant Row - 2

Traffic Noise Model Calculations

Project: 13844 San Marcos Restaurant Row

Noise Level Descriptor: CNEL
Site Conditions: Hard
Traffic Input: ADT
Traffic K-Factor:

	Segment Description and Location			Input										Output				
						Distance to Directional Centerline, (feet)[4]		Traffic Distribution Characteristics						CNEL,	Distance to Contour, (feet)[3]			
Number	Name	From	To	ADT	Speed (mph)	Near	Far	% Auto	% Med	% Hvy	% Day	% Eve	% Night	(dBA)[5,6,7]	70 dBA	65 dBA	60 dBA	55 dBA
Year 2030 Prediction Conditions																		
1	South Las Posas	North of San Marcos Blvd.		12,758	45	745	770	97.0%	2.0%	1.0%	77.0%	13.4%	9.6%	57.8	46	144	456	1443
2	San Marcos Blvd.	Las Posas	Via Vera Cruz	37,532	40	65	115	97.0%	2.0%	1.0%	77.0%	13.4%	9.6%	70.6	100	316	999	3158
3	Via Vera Cruz	San Marcos Blvd.	Grand Avenue	11,247	40	340	355	97.0%	2.0%	1.0%	77.0%	13.4%	9.6%	59.2	29	91	288	909

*All modeling assumes average pavement, level roadways (less than 1.5% grade), constant traffic flow and does not account for shielding of any type or finite roadway adjustments. All levels are reported as A-weighted noise levels.

San Marcos Restaurant Row

Traffic Noise Modeling Calculations - References

Citation	Reference
1	Caltrans Technical Noise Supplement. 2009 (November). Table (5-11), Pg 5-60.
2	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-26), Pg 5-60.
3	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-16), Pg 2-32.
4	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-11), Pg 5-47, 48.
5	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-26), Pg 2-55, 56.
6	Caltrans Technical Noise Supplement. 2009 (November). Equation (2-27), Pg 2-57.
7	Caltrans Technical Noise Supplement. 2009 (November). Pg 2-53.
8	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-7), Pg 5-45.
9	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-8), Pg 5-45.
10	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-9), Pg 5-45.
11	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-13), Pg 5-49.
12	Caltrans Technical Noise Supplement. 2009 (November). Equation (5-14), Pg 5-49.
13	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (16), Pg 67
14	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (20), Pg 69
15	Federal Highway Administration Traffic Noise Model Technical Manual. Report No. FHWA-PD-96-010. 1998 (January). Equation (18), Pg 69

	2019 Volume	1.5% annual growth	2030 volume
Las Posas	10951		12757.92
San Marcos	32216		37531.64
Via Vera Cruz	9654		11246.91

Appendix D

Stationary Sources Operational Noise Prediction

Technical Basis of Dudek's "NoisePro" Excel-based Outdoor Sound Propagation Prediction Model

In summary, the Microsoft Excel-based **NoisePro** outdoor sound propagation model developed by Dudek calculates the aggregate sound pressure level (SPL) received by each and every cell within a two-dimensional (2D) array (a product of X columns of cells by Y rows of cells). The quantity of this received SPL, in A-weighted decibels (dBA), is the logarithmic sum of acoustical contribution from each of "n" user-input sound emitting point sources located on the same 2D array, which may be written as follows:

$$SPL_{X,Y} = 10 * \log \sum_{i=1}^{n} 10^{0.1[L_i - A_i]}$$

where each individual source sound level (L_i) is attenuated by an algebraic sum of three attenuation factors ($A_i = A_{div} + A_{atm} + A_{gr}$) that are each dependent on the distance between the sound source position on the X by Y array and the receiving $SPL_{X,Y}$ position on a different position in the same 2D array of worksheet cells, where each cell is defined by the user as representing the center of a square area having equal sides of user-defined length in feet. The above expression is based on Equation 5 from the International Organization for Standardization (ISO) 9613-2 "Acoustics – Attenuation of sound during propagation outdoors – Part 2: General method of calculation", and the individual attenuation factors used by **NoisePro** emulate those in Equation 4 and may be summarized as follows:

- $\boldsymbol{A_{div}}$ = attenuation due to *geometrical divergence* (i.e., pure distance), equating to 20*LOG(d/d_{ref}); and where $\boldsymbol{d}$ is the horizontal distance between a source and a receiver position, while $\boldsymbol{d_{ref}}$ is the reference distance at which the sound source L_i is defined.
- $\boldsymbol{A_{atm}}$ = attenuation due to *atmospheric absorption*, which for 1,000 Hz (1 kHz) = 4.16*$\boldsymbol{d}$/3280 and is derived from Equation 5.7 in Noise & Vibration Control Engineering (Beranek and Ver, 1992).
- $\boldsymbol{A_{gr}}$ = attenuation due to *ground effects*, appearing as Equation 10 in ISO 9613-2 and can be expressed with the following Excel formula:

  $$\boldsymbol{A_{gr}} = \text{MAX}(0,4.8-[\boldsymbol{h_s}+\boldsymbol{h_r}]/\boldsymbol{d}*[17+984/\boldsymbol{d}])$$

  where $\boldsymbol{h_s}$ and $\boldsymbol{h_r}$ are the heights (in feet) of the sound source and receiver positions above grade, respectively. This means that for small distances, attenuation from ground effects will be small or essentially zero; and, even at great distances, the attenuation from ground effects is effectively capped at 4.8 dB.

The Excel workbook comprising **NoisePro** calculates $SPL_{X,Y}$ by using a coding loop to evaluate the acoustic contribution from each attenuated sound source ($\boldsymbol{L_i}$ - $\boldsymbol{A_i}$) in sequence, and logarithmically adding the new evaluation to the previous total in a cumulative manner. When all sources have been evaluated, the loop terminates and yields an aggregate or log-summed total $SPL_{X,Y}$ value that is thus unique to a position in the 2D array of cells represented by X and Y, and can thus be "mapped". If the user has defined a particular cell in the X by Y array as a uniquely tagged Receiver, then the corresponding $SPL_{X,Y}$ value can be indexed and displayed accordingly.

The resulting output array of cells, each having an individually calculated $SPL_{X,Y}$ numerical value, is then filled with a color (from a user-defined palette) by application of a Conditional Formatting rules set (an Excel formatting feature) that compares the dB quantity with user-defined "high" and "low" dB ranges for each available color. Each colored cell can thus be likened to a "pixel" within a 2D array that forms a composite image representing—visually—the sound propagation from all modeled sound sources.

GRID CALCULATION WORKSHEET

Example Portion of Concluded Calculations Loop

	grid size (ft)	Source	69
x	5.5	Source Tag	P4
y	5.5	Source X-coordinate	1188.8
	rcvr plane height (ft)	Source Y-coordinate	731.14
z	5	Source Type	PBALL
		Source Reference SPL	58
		Source Ref. Distance (ft.)	40
Grid Upper Left (C,R)		Source Z-coordinate	3
1	1		
Grid Lower Right (C,R)			
384	288		

Column	Row	Receiver Location X-coord	Y-coord	Z-coord	Cumulative SPL
1	1	5.26	5.26	5	31.66
1	2	5.26	10.52	5	31.69
1	3	5.26	15.78	5	31.71
1	4	5.26	21.04	5	31.74
1	5	5.26	26.3	5	31.77
1	6	5.26	31.56	5	31.80
1	7	5.26	36.82	5	31.83
1	8	5.26	42.08	5	31.86
1	9	5.26	47.34	5	31.88
1	10	5.26	52.6	5	31.91
1	11	5.26	57.86	5	31.94
1	12	5.26	63.12	5	31.97
1	13	5.26	68.38	5	32.00
1	14	5.26	73.64	5	32.03
1	15	5.26	78.9	5	32.05
1	16	5.26	84.16	5	32.08
1	17	5.26	89.42	5	32.11
1	18	5.26	94.68	5	32.14
1	19	5.26	99.94	5	32.16
1	20	5.26	105.2	5	32.19
1	21	5.26	110.46	5	32.22
1	22	5.26	115.72	5	32.25
1	23	5.26	120.98	5	32.27
1	24	5.26	126.24	5	32.30
1	25	5.26	131.5	5	32.33
1	26	5.26	136.76	5	32.35
1	27	5.26	142.02	5	32.38
1	28	5.26	147.28	5	32.41
1	29	5.26	152.54	5	32.43

SOURCE/RECEIVER INVENTORY WITH MODEL GRID COORDINATE LOCATIONS AND SOUND PRESSURE REFERENCE LEVELS

grid axis	feet
x	5.26
y	5.26

Custom Source Description	Tag	SPL (dBA)		
"clear" the cumulative+source on a "Reset" click	**CLEAR**	**-40**	additional notes below for Custom sources:	
Residential HVAC	**HVAC**	**68**	Carrier 16NA-48	Sound Power of 76 dBA = 68 dB @ 1 meter (3.28 feet)
Pickleball Court Play	**PBALL**	**58**	Dudek unpublished picklebal study	2 courts/4 players @ 40 feet = 61 dBA; single court = 58 dBA @ 40 feet

Source	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**
Source Tag	ULC	H01	H02	H03	H04	H05	H06	H07	H08	H09	H10	H11	H12	H13	H14	H15	H16	H17	H18
Source X-coordinate	5.26	657.5	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02	668.02
Source Y-coordinate	5.26	1162.46	1083.56	1062.52	1046.74	1030.96	1009.92	994.14	978.36	962.58	904.72	883.68	867.9	852.12	836.34	820.56	804.78	783.74	752.18
Source Type (enter abbrev.)	CLEAR	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC
Source Reference SPL	-40	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
Source Reference Distance (ft.)	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28
Source Height Above Grade (ft.)	6	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

Source	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**
Source Tag	H19	H20	H21	H22	H23	H24	H25	H26	H27	H28	H29	H30	H31	H32	H33	H34	H35	H36	H37
Source X-coordinate	668.02	668.02	668.02	668.02	668.02	662.76	662.76	662.76	662.76	662.76	731.14	789	867.9	867.9	867.9	867.9	873.16	1204.54	1204.54
Source Y-coordinate	736.4	720.62	704.84	689.06	673.28	473.4	415.54	389.24	368.2	347.16	347.16	347.16	347.16	368.2	389.24	410.28	473.4	794.26	804.78
Source Type (enter abbrev.)	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC
Source Reference SPL	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
Source Reference Distance (ft.)	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28
Source Height Above Grade (ft.)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

Source	**39**	**40**	**41**	**42**	**43**	**44**	**45**	**46**	**47**	**48**	**49**	**50**	**51**	**52**	**53**	**54**	**55**	**56**	**57**
Source Tag	H38	H39	H40	H41	H42	H43	H44	H45	H46	H47	H48	H49	H50	H51	H52	H53	H54	H55	H56
Source X-coordinate	1215.06	1215.06	1215.06	1215.06	1215.06	1215.06	1215.06	1215.06	1215.06	1215.06	1167.72	1146.68	1115.12	1094.08	1073.04	1046.74	1020.44	946.8	920.5
Source Y-coordinate	831.08	846.86	862.64	883.68	904.72	925.76	946.8	967.84	1141.42	1157.2	1162.46	1162.46	1162.46	1162.46	1162.46	1162.46	1162.46	1162.46	1162.46
Source Type (enter abbrev.)	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC
Source Reference SPL	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
Source Reference Distance (ft.)	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28
Source Height Above Grade (ft.)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

Source	**58**	**59**	**60**	**61**	**62**	**63**	**64**	**65**	**66**	**67**	**68**	**69**
Source Tag	H57	H58	H59	H60	H61	H62	H63	H64	P1	P2	P3	P4
Source X-coordinate	894.2	873.16	852.12	831.08	746.92	725.88	704.84	683.8	1199.28	1172.98	1146.68	1188.76
Source Y-coordinate	1162.46	1162.46	1162.46	1162.46	1162.46	1162.46	1162.46	1162.46	631.2	631.2	631.2	731.14
Source Type (enter abbrev.)	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	HVAC	PBALL	PBALL	PBALL	PBALL
Source Reference SPL	68	68	68	68	68	68	68	68	58	58	58	58
Source Reference Distance (ft.)	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	40	40	40	40
Source Height Above Grade (ft.)	25	25	25	25	25	25	25	25	3	3	3	3

RECEIVER INVENTORY WITH MODEL GRID COORDINATE LOCATIONS AND PREDICTED OPERATIONAL SOUND LEVEL EXPOSURE

Receiver Tag	**R1**	R2	**R3**	**R4**	**R5**	**R6**	**R7**	**ST2**	**ST3**
Receiver X-coordinate	630	761	908	1166	1250	1250	992	1549	966
Receiver Y-coordinate	898	320	404	578	677	877	1213	740	294
Receiver Height Above Ground	5	5	5	5	5	5	5	5	5
SPL Predicted at Receiver	**53**	**51**	**51**	**60**	**57**	**54**	**50**	**42**	**45**

Appendix I

Local Transportation Assessment (LTA)

MEMORANDUM

To:	David Shepherd, Lennar
From:	Stephen Cook, TE, Intersecting Metrics
Date:	July 7, 2023
Regarding:	Old California Restaurant Row Focused Local Transportation Assessment

The purpose of this technical memorandum is to document the changes in traffic operations that may be associated with the proposed redevelopment of the Old California Restaurant Row site (Proposed Project). The Proposed Project is located on the northwest corner of the West San Marcos Boulevard and Via Vera Cruz intersection, in the City of San Marcos. The Proposed Project plans to replace existing restaurant uses with multifamily dwelling units, commercial retail uses, and a community park. This proposed change in land uses will result in a net decrease in the site's total trip generation. Therefore, since the Proposed Project is anticipated to reduce trips, it is not required to conduct a full local transportation assessment (LTA) per the City's *Transportation Impact Study Guidelines*. However, a focused transportation assessment analyzing the site's driveways and the adjacent major intersection, West San Marcos Boulevard and Via Vera Cruz, was conducted to ensure that acceptable operations would still be maintained with the change in travel patterns associated with the Proposed Project.

Following this introductory section, this memo is organized in the following sections:

1. Proposed Project
2. Analysis Methodology
3. Existing and Existing Plus Project Conditions
4. Site Access and Circulation

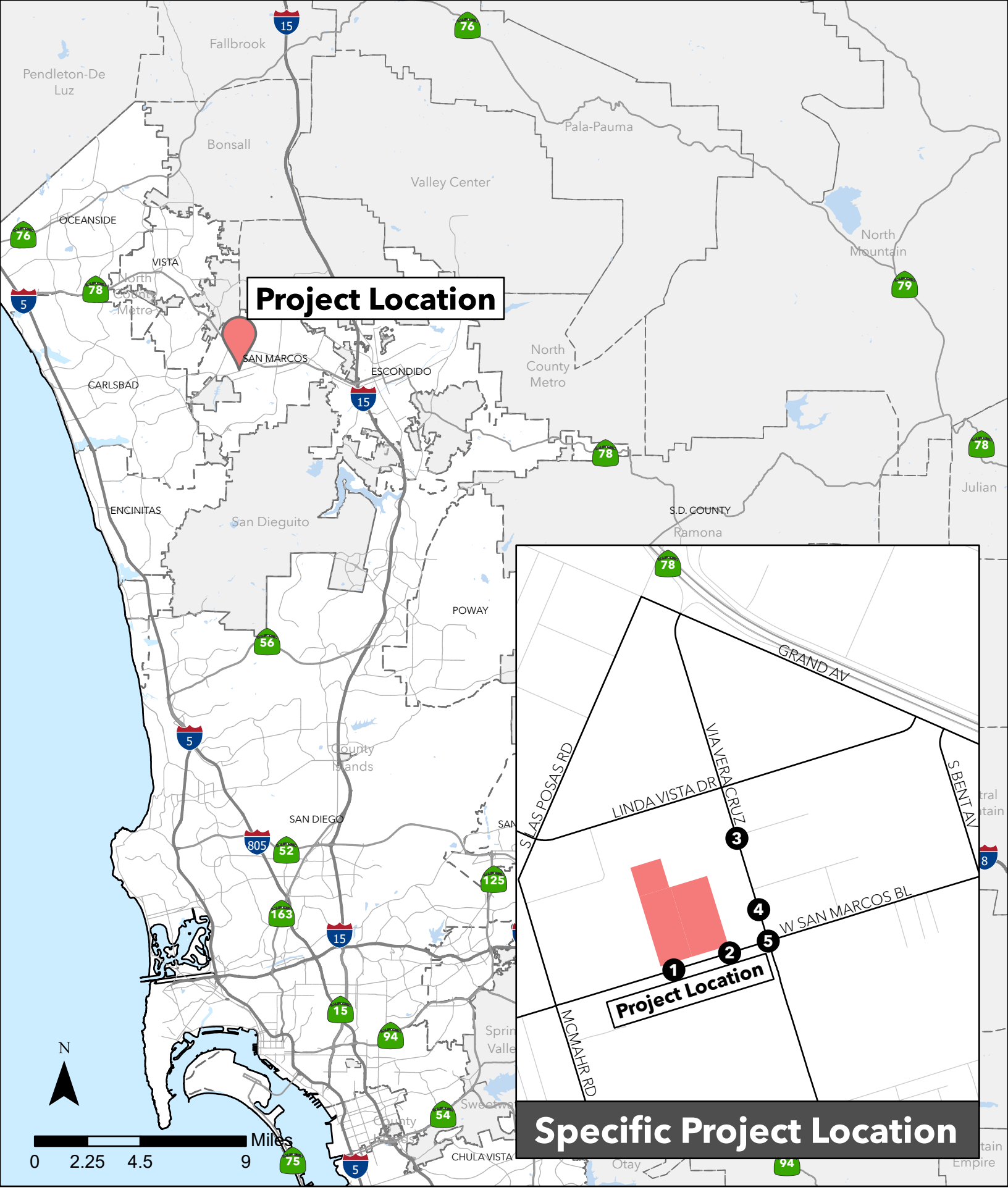
1.0 Proposed Project

This section provides a description of the Proposed Project as well as its associated trip generation, trip distribution patterns, and the resulting project trip assignment.

Project Description

The Proposed Project will replace 63,484 square feet (SF) of existing restaurant uses with 202 multi-family dwelling units,10,400 SF of commercial retail uses, and 1.1 acres of a community park. The Proposed Project will have four primary access points, which include the two unsignalized driveways on West San Marcos Boulevard, and two unsignalized driveways on Via Vera Cruz (the existing northern and southern Restaurant Row driveways). The western driveway on West San Marcos Boulevard will be converted from full-access to right-in-right-out access only. The northern driveway on Via Vera Cruz will connect to the existing east-west roadway that traverses through the OCRR site and the Regal Edwards San Marcos theater lot, and connects to South Las Posas Road. The project site will have access to the driveway on South Las Posas Road, but it is anticipated to serve a negligible amount of project trips as it would be a circuitous path for people accessing the project site from the east or north.

Figure 1 displays the Proposed Project's location, while Figure 2 displays the Proposed Project site plan.



Old California Restaurant Row

Figure 1
Project Location

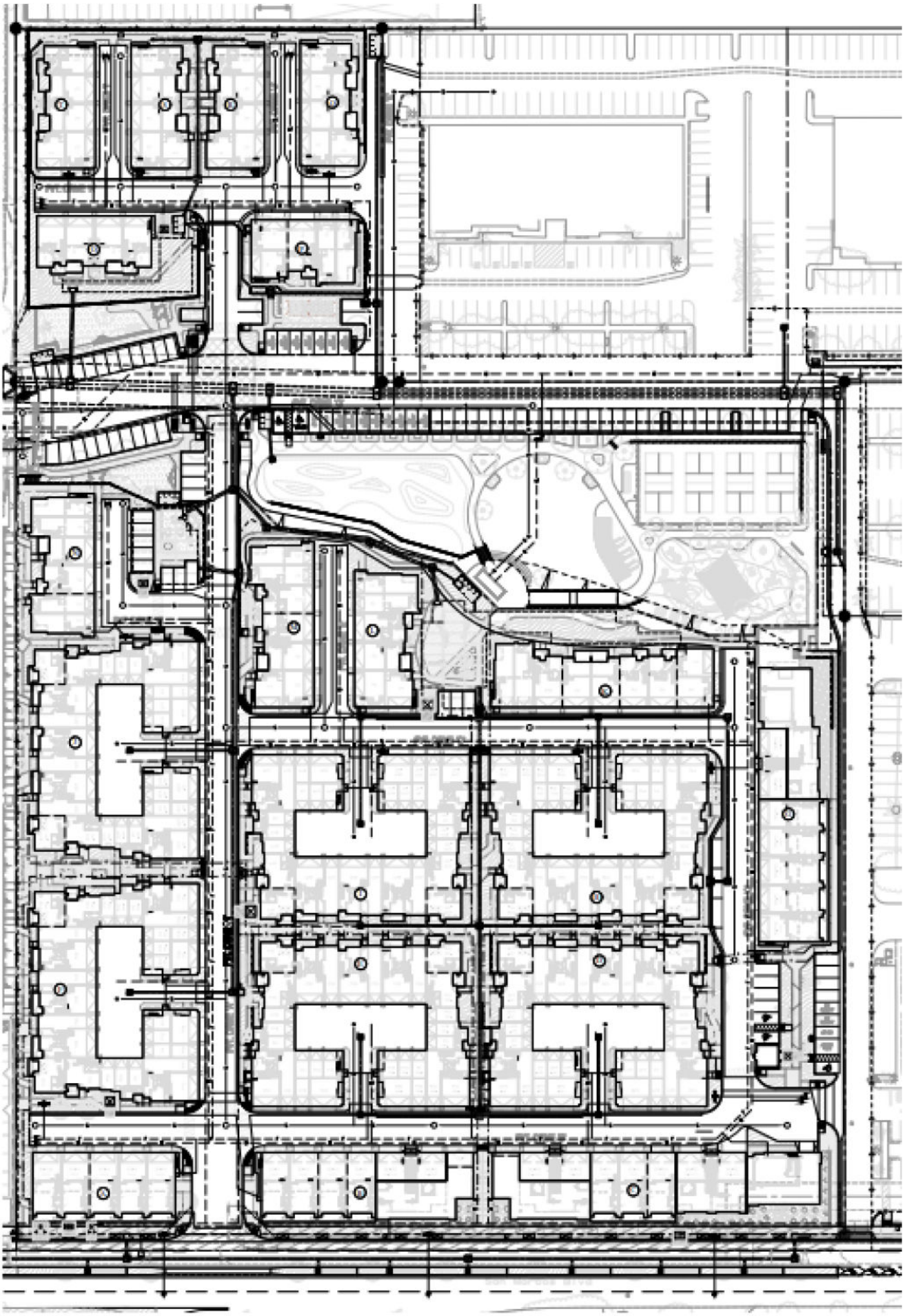


Figure 2
Project Site Plan

Trip Generation

Table 1 displays the anticipated trip generation for the Proposed Project, as well as the trip credits that would be associated with the removal of the existing restaurant uses. Trip Generation rates were derived from the *SANDAG (Not so) Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region, April 2002*.

Table 1: Proposed Project Trip Generation

Land Use	Units	Trip Rate	ADT	AM				PM			
				%	Trips	In	Out	%	Trips	In	Out
Multi-Family Units	202 DU	6/DU	1,212	8%	97	19	78	9%	110	77	33
Strip Commercial	10,400 SF	40/KSF	416	3%	13	8	5	9%	38	19	19
City Park	1.1 Acres	50/Acres	55	13%	9	5	4	9%	6	3	3
		Project Total	1,683		118	31	87		153	99	54
Existing Uses											
Restaurant (Quality)	-63,484 SF	100/KSF	-6,348[1]	1%	-64	-38	-26	8%	-508	-356	-152
		Net Change	-4,665		54	-7	61		-355	-257	-98

As shown in Table 1, implementation of the Proposed Project is anticipated to result in a net decrease of 4,665 daily trips, a net increase of 54 AM peak hour trips (-7 inbound; 61 outbound), as well as a net decrease of 355 PM peak hour trips (-257 inbound; -98 outbound).

Project Trip Distribution & Assignment

The Proposed Project trip distribution was developed based on land use characteristics of the Proposed Project, the surrounding roadway network, and the existing travel patterns. Figure 3 displays the assumed trip distribution patterns and the net trip assignment associated of the Proposed Project[1]. Detailed trip assignment calculations are provided in Attachment 1.

2.0 Analysis Methodology & Substantial Effects

The signalized and unsignalized intersection analyses utilized in this study conforms to the operational analysis methodology outlined in Chapters 19 and 20, respectively, of the Highway Capacity Manual 6th Edition (HCM 6th Edition). The computerized analysis of intersection operations was performed utilizing the Synchro 11 traffic analysis software (by Trafficware). Additional information regarding the analysis methodology and Level of Service (LOS) definitions are provided in Attachment 2. Per the City's LTA guidelines, the Proposed Project is considered having a Substantial Effect if the traffic from the Proposed Project causes an intersection currently operating at acceptable LOS A through D to operate at LOS E or F and adds two (2) or more seconds to the average vehicle delay. If an intersection is already operating at LOS E, then the Proposed Project is considered to have a Substantial Effect if the Proposed Project adds two (2) or more seconds to the average vehicle delay.

[1] It should be noted that the existing restaurant uses were not performing/operating at their full capacity when the traffic counts were conducted. In some cases, the trip credits, which assume the restaurants are operating at their full capacity, exceeded the existing intersection turning movement volume at some locations. Thus, for movements where the trip credit exceeded the existing volume it was assumed that the volume would be reduced to zero with the removal of the existing uses, and the total trip assignment for the Proposed Project uses (i.e. multi-family, commercial, and/or park) for the movement was assumed.

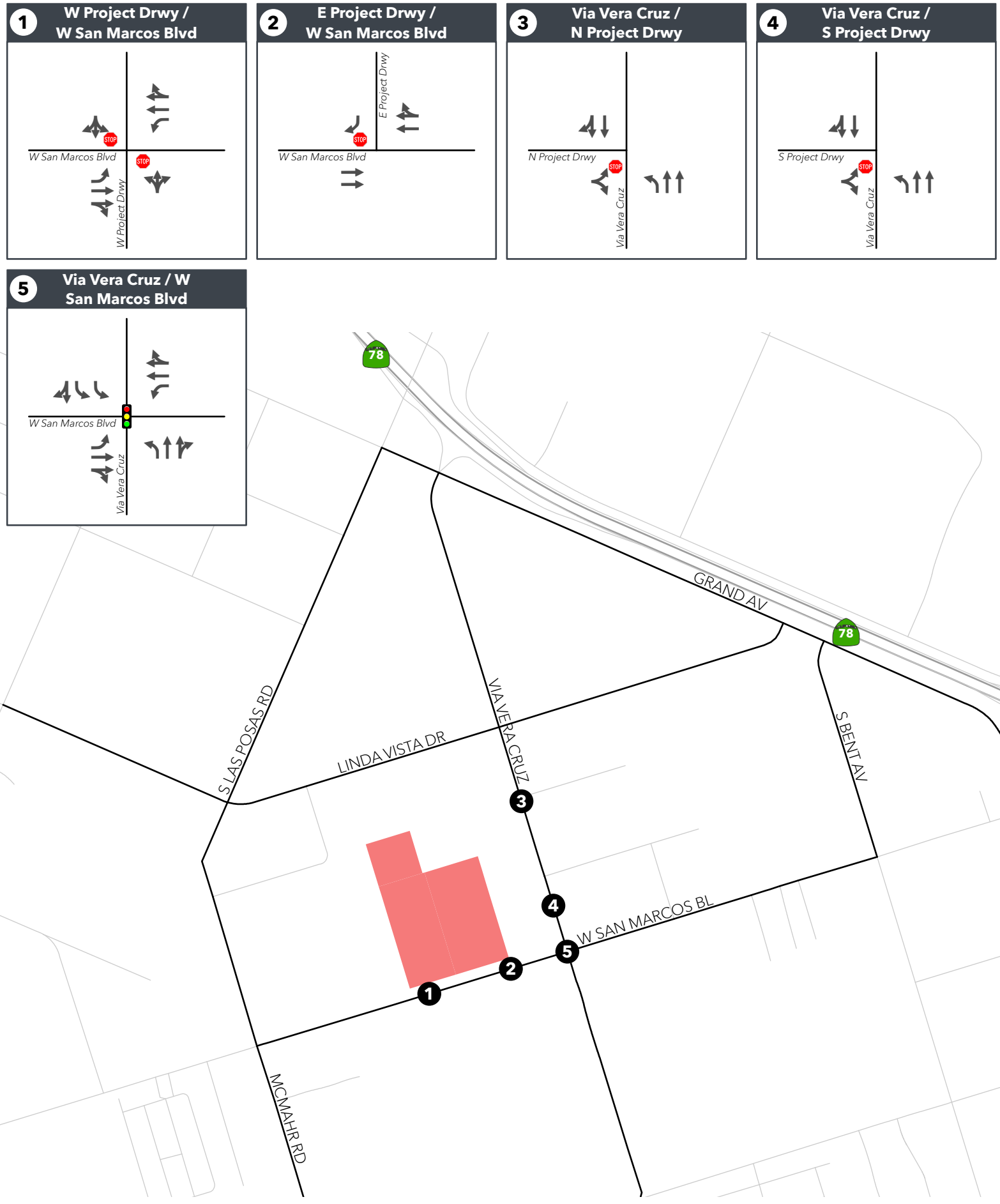


Figure 3

Intersection Lane Configurations
Existing Conditions

Old California Restaurant Row

Intersecting Metrics

3.0 Existing Conditions

This section describes the study area roadway conditions, intersection geometrics, and peak hour traffic volumes under Existing conditions. LOS analysis for all study area intersections under Existing and Existing Plus Project conditions are also presented.

Existing Roadway Network

Direct access to the Proposed Project site is provided via West San Marcos Boulevard and Via Vera Cruz. Descriptions of these transportation network facilities are described below:

West San Marcos Boulevard is a four-lane divided roadway that connects Carlsbad to its eastern terminus at East Mission Road. San Marcos Boulevard has and has a posted speed limit of 40 miles per hour (mph). Sidewalks and bicycle lanes are currently provided on both sides of the roadway. Bus route 347 by the North County Transit District (NCTD) serves Palomar College and travels on West San Marcos Boulevard. The closest bus stops are on South Las Posas Road and Via Vera Cruz, approximately ¼-mile east and south, respectively, of the project site. Along the project frontage, West San Marcos Boulevard is classified as a Multi-Way Boulevard by the *City of San Marcos Mobility Element (February 2012)*. The City's *San Marcos Boulevard Multi-Way Complete Streets* project plans to transform the roadway to provide complete streets elements, including a multiway path on the north side of the roadway to provide a safe space for pedestrians, bicyclists, and vehicles accessing the commercial uses, such as the Proposed Project and Restaurant Row sites.

Via Vera Cruz is a four-lane roadway with a two-way left-turn lane, which connects State Route 78 (SR-78) and Grand Avenue to Discovery Street. South of Discover Street, Via Vera Cruz serves the single family residential communities near Discovery Lake. Within the study area, sidewalks and bicycle lanes are currently provided on both sides of the roadway, and the roadway has a posted speed limit of 40 mph. Bus Route 347 travels on Via Vera Cruz, south of West San Marcos Boulevard, with a bus stop located south of the West San Marcos Boulevard and Via Vera Cruz intersection. Along the project frontage, Via Vera Cruz is classified as a Major Roadway by the *City of San Marcos Mobility Element (February 2012)*.

Figure 4 displays the existing intersection geometries at the study intersections.

Existing Traffic Volumes

Peak hour vehicular intersection counts were performed on Thursday, September 16, 2021 between the hours of 7:00AM - 9:00AM and 4:00PM - 6:00PM. The traffic counts were compared to pre-pandemic conditions (collected in May 2018) and were determined to have nominal variations in traffic patterns for most movements, but higher traffic volumes in 2021 than 2018 on San Marcos Boulevard. Therefore, recent 2021 counts were deemed to be representative as "typical conditions" and appropriate to use in the analysis. Attachment 3 contains the intersection traffic counts sheets, Including the 2018 counts. Figure 5 displays the existing traffic volumes.

Existing Intersection Analysis

Table 2 displays intersection LOS and average vehicle delay results for the study area intersections under Existing conditions. LOS calculation worksheets for Existing conditions are provided in Attachment 4. As shown, all study area intersections currently operate at an acceptable LOS C or better during both the AM and PM peak hours, except the West San Marcos Boulevard and Western Project Driveway. The southbound left-turn at this side-street stop-controlled intersection currently experiences long delays as vehicles must wait for gaps in traffic on West San Marcos Boulevard during the AM and PM peak hours.

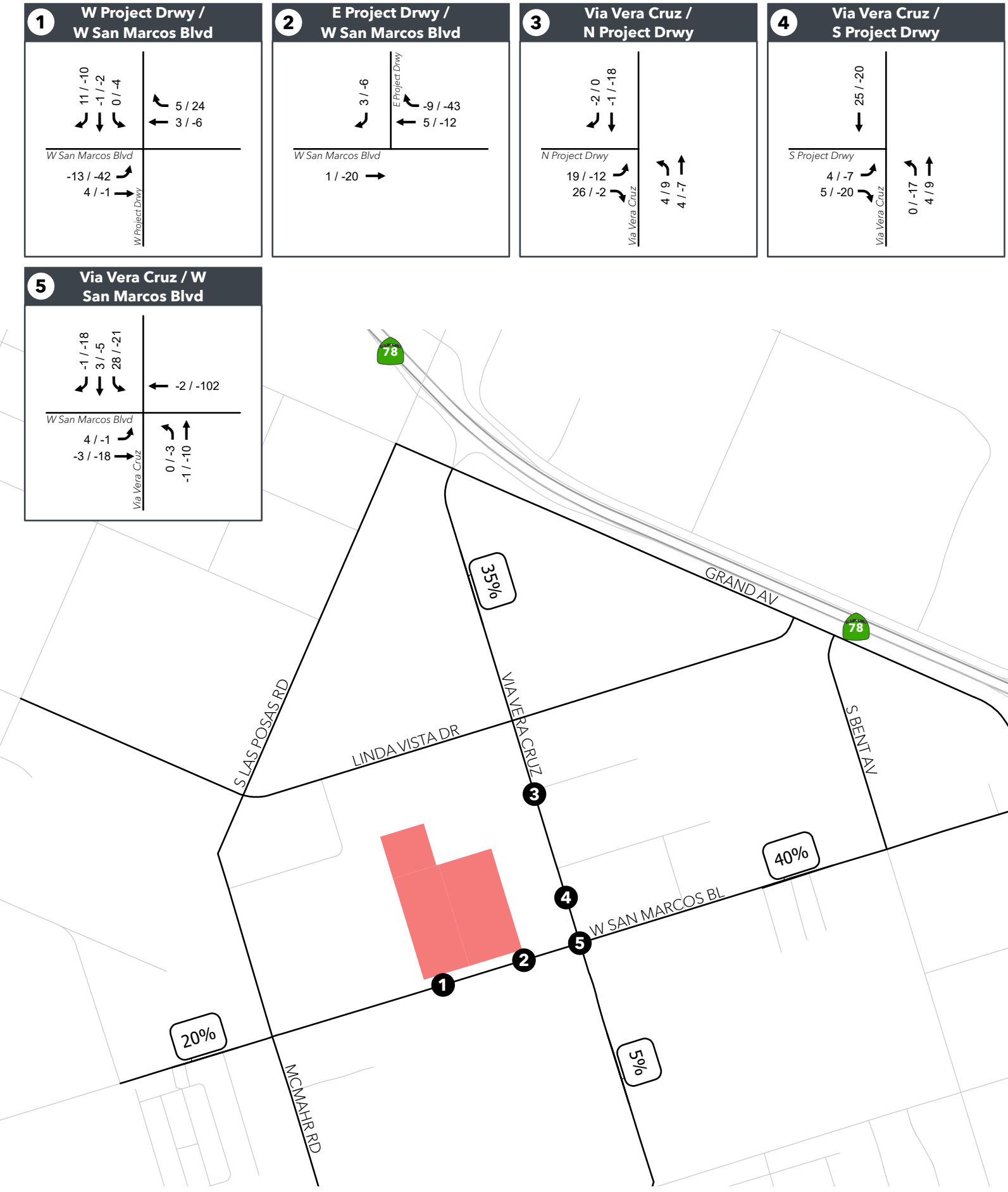


Figure 4

Traffic Volumes
Project Trip Assignment

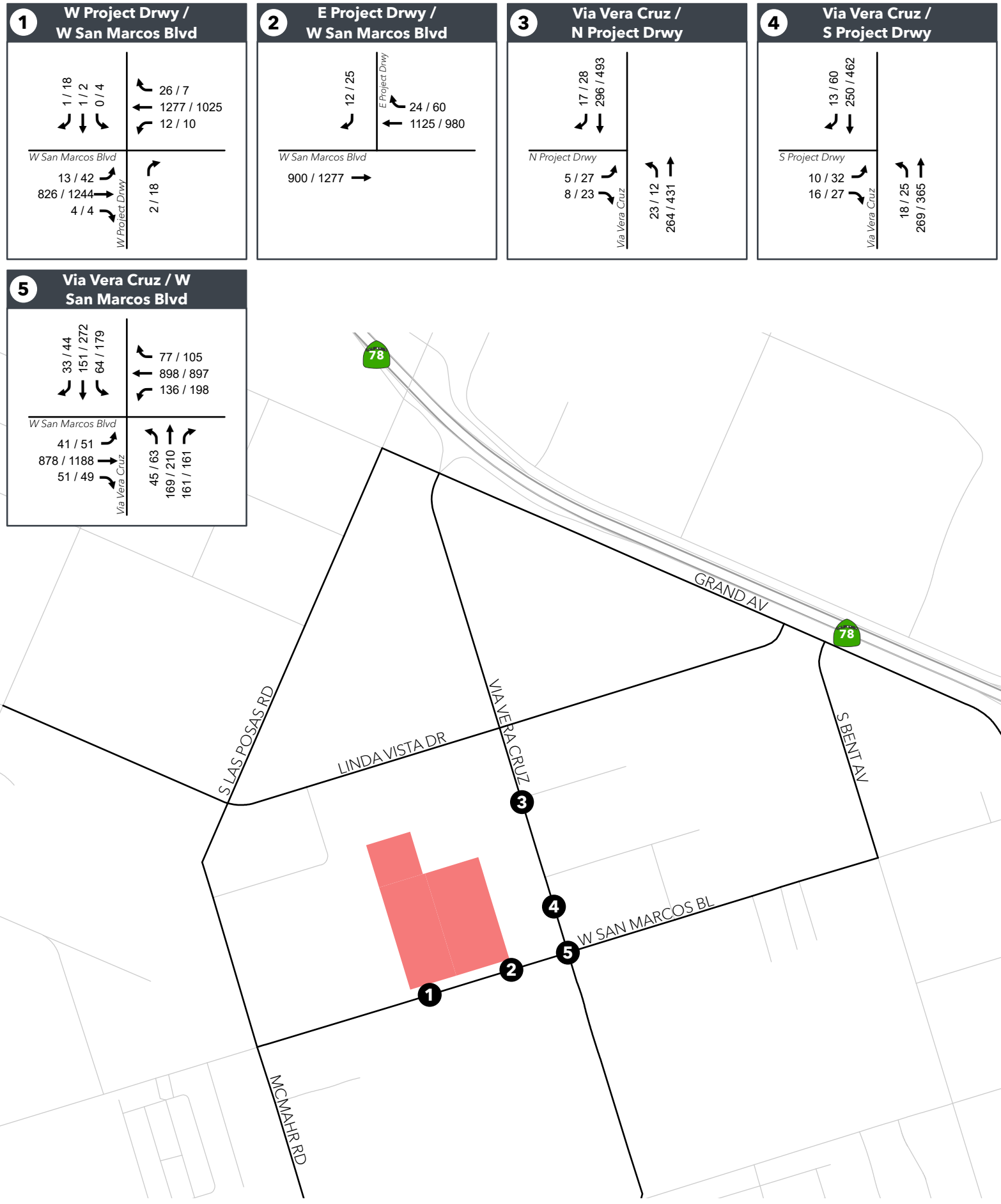


Figure 5

Traffic Volumes
Existing Conditions

Table 2 Peak Hour Intersection LOS Results - Existing Conditions

Intersection	Control	AM		PM	
		Delay	LOS	Delay	LOS
1: West San Marcos Boulevard & Western Driveway	SSSC	**61.4**	**F**	**40.7**	**E**
2: West San Marcos Boulevard & Eastern Driveway	SSSC	14.4	B	12.9	B
3: Via Vera Cruz & Northern Driveway	SSSC	10.6	B	14.8	B
4: Via Vera Cruz & Southern Driveway	SSSC	11.0	B	15.6	C
5: Via Vera Cruz & West San Marcos Boulevard	Signal	19.2	B	30.4	C

Note:
Bold indicates substandard operations.
SSSC = Side-Street Stop Controlled. For SSSC intersections, the delay shown is the worst delay experienced by any of the approaches.

Existing with Project Roadway Network and Traffic Volumes

The roadway network under Existing with Project conditions was assumed to be identical to Existing conditions shown in Figure 3, except the existing western project driveway on West San Marcos Boulevard that will be converted to right-in-right-out, as shown in Figure 2. As part of the *San Marcos Boulevard Multi-Way Boulevard Complete Streets* project, a continuous median will be constructed along the project frontage on West San Marcos Boulevard, which will eliminate the left-turn ingress and egress movements at the western project driveway. The Proposed Project will move the existing curb approximately 16 feet into the project site to correspond with the ultimate alignment of the multi-way roadway.

Existing with Project traffic volumes were derived by adding the project trip assignment volumes (shown in Figure 3) to existing intersection volumes (shown in Figure 4). Existing with Project traffic volumes are shown in **Figure 6**.

Existing Plus Project Intersection Analysis

Table 3 displays intersection LOS and average vehicle delay results under Existing with Project conditions. LOS calculation worksheets for Existing with Project conditions are provided in **Attachment 5.**

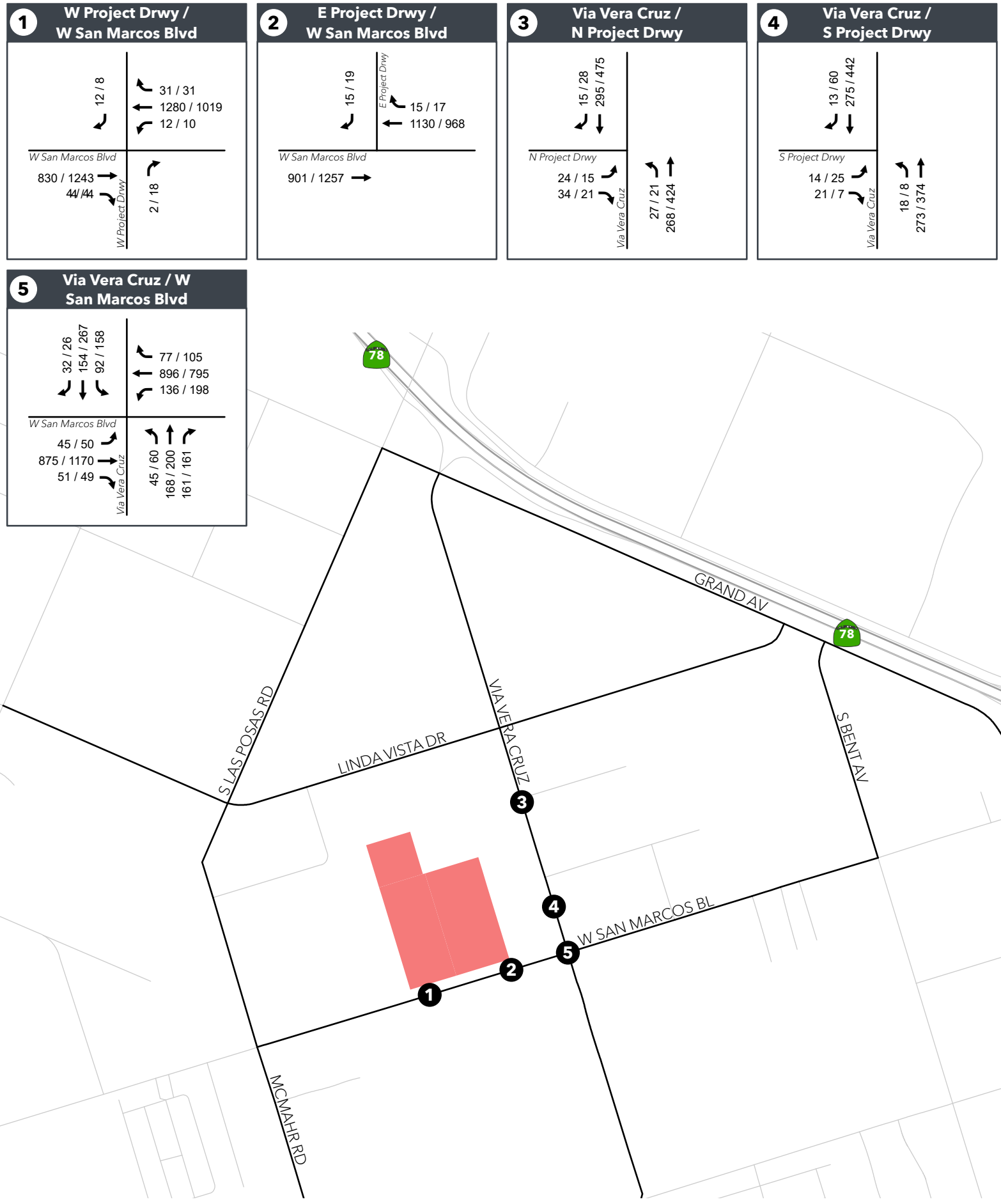


Figure 6

Intersection Lane Configurations
Existing Plus Project Conditions

Table 3 Peak Hour Intersection LOS Results - Existing with Project Conditions

Intersection	Control	AM		PM		Delay w/o Project (sec) AM/PM	LOS w/o Project AM/PM	Δ Delay (sec)	SE?
		Delay	LOS	Delay	LOS				
1: West San Marcos Boulevard & Western Driveway	SSSC	14.6	B	13.9	B	61.4 / 40.7	**F / E**	-46.8 / -26.8	N / N
2: West San Marcos Boulevard & Eastern Driveway	SSSC	14.5	B	12.4	B	14.4 / 12.9	B / B	0.1 / -0.5	N / N
3: Via Vera Cruz & Northern Driveway	SSSC	11.2	B	13.3	B	10.6 / 14.8	B / B	0.6 / -1.5	N / N
4: Via Vera Cruz & Southern Driveway	SSSC	11.3	B	15.2	C	11.0 / 15.6	B / C	0.3 / -0.4	N / N
5: Via Vera Cruz & West San Marcos Boulevard	Signal	14.2	B	28.4	C	19.2 / 30.4	B / C	-5.0 / -2.0	N / N

Notes:
Bold indicates substandard operations.
SSSC = Side-Street Stop Controlled. For SSSC intersections, the delay shown is the worst delay experienced by any of the approaches
SE = Substantial Effect

As shown in Table 3, all study area intersections are anticipated to operate at an acceptable LOS C or better during both the AM and PM peak hours, with the anticipated changes in the traffic patterns associated with the Proposed Project. Additionally, the reconfiguration of the western driveway on West San Marcos Boulevard from right-in right out only eliminated the failing movement (the southbound left-turn out of the project site), resulting in much improved operations at the driveway. Therefore, the Proposed Project is not considered to be having a Substantial Effect to the study area intersections under Existing with Project conditions.

4.0 Site Access and Circulation

The Proposed Project is located on the north side of West San Marcos Boulevard, just west of the West San Marcos Boulevard/Via Vera Cruz intersection. Based on review of the project site plan and field conditions, the following comments regarding site access are offered:

- The Proposed Project will maintain all existing driveways on West San Marcos Boulevard and Via Vera Cruz; however, the western driveway on West San Marcos Boulevard will convert to a right-in-right-out access.
- Adequate corner and stopping site distances will be maintain at all driveway locations.
- All project site driveways will operate at acceptable LOS C or better during both the AM and PM peak hours with the Proposed Project.

5.0 Conclusions

As outlined in Table 3, all study area intersections and driveways will continue to operate at LOS C or better with the implementation of the Proposed Project. Thus, the implementation of the Proposed Project will not result in a Substantial Effect to the surrounding roadway network.

ATTACHMENT 1:

TRIP ASSIGNMENT CALCULATIONS

TRIP ASSIGNMENT - AM PEAK HOUR														
DATE	TIME	INTID	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
Step 1			**RAW EXISTING RESTAURANT VOLS (USING TRIP RATES)**											
		1	0	0	0	-3	0	-4	-5	-2	0	0	-2	-5
		2	0	0	0	0	0	-2	0	-5	0	0	-5	-14
		3	-1	-2	0	0	-3	-11	-7	0	-3	0	0	0
		4	-3	-1	0	0	-6	0	-2	0	-5	0	0	0
		5	0	-2	0	-7	-1	-3	-2	-3	0	0	-15	0
Step 2			**Ex+Removal of Restaurant Vols**											
		1	0	0	2	-3	1	-3	8	824	4	12	1275	21
		2	0	0	0	0	0	10	0	895	0	0	1120	10
		3	22	262	0	0	293	6	-2	0	5	0	0	0
		4	15	268	0	0	244	13	8	0	11	0	0	0
		5	45	167	161	57	150	30	39	875	51	136	883	77
Step 3			**Ex+Removal of Restaurant Vols (NO NEGATIVES)**											
		1	0	0	2	0	1	0	0	824	4	12	1275	21
		2	0	0	0	0	0	10	0	895	0	0	1120	10
		3	22	262	0	0	293	6	0	0	5	0	0	0
		4	15	268	0	0	244	13	8	0	11	0	0	0
		5	45	167	161	57	150	30	39	875	51	136	883	77
Step 4			**Proposed Project (MF DUs, Commercial, Park) Trip Assn**											
		1	0	0	0	0	-1	12	0	6	0	0	5	10
		2	0	0	0	0	0	5	0	6	0	0	10	5
		3	5	6			2	9	24		29			
		4	3	5			31		6		10			
		5	0	1	0	35	4	2	6	0	0	0	13	0
Step 5 (Steps 3+5)			**EXISTING PLUS PROJECT VOLUMES - AM PEAK HOUR**											
		1	0	0	2	0	0	12	0	830	4	12	1280	31
		2	0	0	0	0	0	15	0	901	0	0	1130	15
		3	27	268	0	0	295	15	24	0	34	0	0	0
		4	18	273	0	0	275	13	14	0	21	0	0	0
		5	45	168	161	92	154	32	45	875	51	136	896	77

was a negative, so changed to 0.

TRIP ASSIGNMENT - PM PEAK HOUR

DATE	TIME	INTID		NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR	
Step 1								**RAW EXISTING RESTAURANT VOLS (USING TRIP RATES)**								
			1	0	0	0	-18	0	-21	-50	-21	0	0	-9	-43	
			2	0	0	0	0	0	-9	0	-40	0	0	-43	-128	
			3	-7	-11	0	0	-25	-100	-43	0	-20	0	0	0	
			4	-28	-7	0	0	-45	0	-11	0	-30	0	0	0	
			5	-4	-14	0	-43	-8	-25	-21	-18	0	0	-142	0	
Step 2								**Ex+Removal of Restaurant Vols**								
			1	0	0	18	-14	2	-3	-8	1223	4	10	1016	-36	
			2	0	0	0	0	0	16	0	1237	0	0	937	-68	
			3	5	420	0	0	468	-72	-16	0	3	0	0	0	
			4	-3	358	0	0	417	60	21	0	-3	0	0	0	
			5	59	196	161	136	264	19	30	1170	49	198	755	105	
Step 3								**Ex+Removal of Restaurant Vols (NO NEGATIVES)**								
			1	0	0	18	0	2	0	0	1223	4	10	1016	0	
			2	0	0	0	0	0	16	0	1237	0	0	937	0	# was a negative, so changed to 0.
			3	5	420	0	0	468	0	0	0	3	0	0	0	
			4	0	358	0	0	417	60	21	0	0	0	0	0	
			5	59	196	161	136	264	19	30	1170	49	198	755	105	
Step 4								**Proposed Project (MF DUs, Commercial, Park) Trip Assn**								
			1					-2	8		20			3	31	
			2						3		20			31	17	
			3	16	4			7	28	15		18				
			4	8	16			25		4		7				
			5	1	4		22	3	7	20				40		
Step 5 (Steps 3+5)								**EXISTING PLUS PROJECT VOLUMES - PM PEAK HOUR**								
			1	0	0	18	0	0	8	0	1243	4	10	1019	31	
			2	0	0	0	0	0	19	0	1257	0	0	968	17	
			3	21	424	0	0	475	28	15	0	21	0	0	0	
			4	8	374	0	0	442	60	25	0	7	0	0	0	
			5	60	200	161	158	267	26	50	1170	49	198	795	105	

ATTACHMENT 2:

HCM 6TH EDITION METHODOLOGIES AND LEVEL OF SERVICE DEFINITION

Level of Service Definition

Level of Service (LOS) is a quantitative measure describing operational conditions within a traffic stream, and the motorist's and/or passengers' perception of operations. A LOS definition generally describes these conditions in terms of such factors as delay, speed, travel time, freedom to maneuver, interruptions in traffic flow, queuing, comfort, and convenience. Table 1 describes generalized definitions of the various LOS categories (A through F) as applied to roadway operations.

Table 1 Level of Service Definitions

LOS Category	Definition of Operation
A	This LOS represents a completely free-flow condition, where the operation of vehicles is virtually unaffected by the presence of other vehicles and only constrained by the geometric features of the highway and by driver preferences.
B	This LOS represents a relatively free-flow condition, although the presence of other vehicles becomes noticeable. Average travel speeds are the same as in LOS A, but drivers have slightly less freedom to maneuver.
C	At this LOS the influence of traffic density on operations becomes marked. The ability to maneuver within the traffic stream is clearly affected by other vehicles.
D	At this LOS, the ability to maneuver is notably restricted due to traffic congestion, and only minor disruptions can be absorbed without extensive queues forming and the service deteriorating.
E	This LOS represents operations at or near capacity. LOS E is an unstable level, with vehicles operating with minimum spacing for maintaining uniform flow. At LOS E, disruptions cannot be dissipated readily thus causing deterioration down to LOS F.
F	At this LOS, forced or breakdown of traffic flow occurs, although operations appear to be at capacity, queues form behind these breakdowns. Operations within queues are highly unstable, with vehicles experiencing brief periods of movement followed by stoppages.

Source: Highway Capacity Manual 6th Edition

Signalized Intersection Analysis

The analysis of signalized intersections utilized the operational analysis procedure as outlined in the Highway Capacity Manual (HCM) 6th Edition signalized intersection analysis methodology. This method defines LOS in terms of delay, or more specifically, average stopped delay per vehicle. Delay is a measure of driver and/or passenger discomfort, frustration, fuel consumption and lost travel time. This technique uses 1,900 vehicles per hour per lane (VPHPL) as the maximum saturation volume of an intersection. This saturation volume is adjusted to account for lane width, on-street parking, pedestrians, traffic composition (i.e., percentage trucks) and shared lane movements (i.e., through and right-turn movements originating from the same lane). The LOS criteria used for the analysis of signalized intersections are described in Table 2, identifying the thresholds of control delays and the associated LOS. The computerized analysis of intersection operations was performed utilizing the Synchro Version 11 traffic analysis software by Trafficware Ltd.

Table 2 Signalized Intersection LOS Operational Analysis Method

Average Stopped Delay Per Vehicle (seconds)	Level of Service (LOS) Characteristics
<10	*LOS A* describes operations with very low delay. This occurs when progression is extremely favorable, and most vehicles do not stop at all. Short cycle lengths may also contribute to low delay.
>10– 20	*LOS B* describes operations with generally good progression and/or short cycle lengths. More vehicles stop than for LOS A, causing higher levels of average delay.
>20 – 35	*LOS C* describes operations with higher delays, which may result from fair progression and/or longer cycle lengths. Individual cycle failures may begin to appear at this level. The number of vehicles stopping is significant at this level, although many still pass through the intersection without stopping.
>35– 55	*LOS D* describes operations with high delay, resulting from some combination of unfavorable progression, long cycle lengths, or high volumes. The influence of congestion becomes more noticeable, and individual cycle failures are noticeable.
>55 – 80	*LOS E* is considered the limit of acceptable delay. Individual cycle failures are frequent occurrences.
>80	*LOS F* describes a condition of excessively high delay, considered unacceptable to most drivers. This condition often occurs when arrival flow rates exceed the LOS D capacity of the intersection. Poor progression and long cycle lengths may also be major contributing causes to such delay.

Source: Highway Capacity Manual 6th Edition

Unsignalized Intersection Analysis

Side-street stop-controlled intersections were analyzed using the Highway Capacity Manual 6th Edition (Section 19) Two-Way Stop-Controlled Intersection analysis methodology. The Synchro Version 11 software supports this methodology and was utilized to produce LOS results. The LOS for a two-way stop-controlled (SSSC) intersection is determined by the computed or measured control delay and is defined for each minor movement. Table 3 summarizes the LOS criteria for unsignalized intersections.

Table 3 LOS Criteria for Stop-Controlled Unsignalized Intersections

Average Stopped Delay Per Vehicle (sec/veh)	LOS
<10	A
>10 to <15	B
>15 to <25	C
>25 to <35	D
>35 to <50	E
>50	F

Source: Highway Capacity Manual 6th Edition

ATTACHMENT 3:

INTERSECTION TRAFFIC COUNTS

THURSDAY - SEPTEMBER 16, 2021 AREA: SAN MARCOS PROJECT: ETD21-0917-01-00

Western Driveway - West San Marcos Boulevard

AM	NB		SB		EB	WB		PM	NB		SB		EB	WB	
00:00	0		0					12:00	22		9				
00:15	2		0					12:15	13		8				
00:30	0		0					12:30	6		5				
00:45	0	2	2	2			4	12:45	11	52	6	28			80
01:00	0		0					13:00	13		4				
01:15	0		0					13:15	8		5				
01:30	1		0					13:30	5		7				
01:45	0	1	0	0			1	13:45	10	36	9	25			61
02:00	0		0					14:00	9		4				
02:15	0		0					14:15	4		8				
02:30	0		0					14:30	7		6				
02:45	0	0	0	0				14:45	14	34	4	22			56
03:00	0		0					15:00	9		7				
03:15	1		0					15:15	9		5				
03:30	0		0					15:30	8		7				
03:45	0	1	0	0			1	15:45	9	35	6	25			60
04:00	0		0					16:00	9		2				
04:15	1		1					16:15	14		2				
04:30	0		0					16:30	12		4				
04:45	0	1	0	1			2	16:45	8	43	3	11			54
05:00	0		0					17:00	13		6				
05:15	1		0					17:15	12		7				
05:30	2		1					17:30	14		5				
05:45	0	3	0	1			4	17:45	9	48	7	25			73
06:00	0		0					18:00	15		7				
06:15	0		0					18:15	5		5				
06:30	3		0					18:30	8		5				
06:45	3	6	0	0			6	18:45	3	31	4	21			52
07:00	7		1					19:00	14		8				
07:15	2		0					19:15	7		6				
07:30	6		0					19:30	5		4				
07:45	7	22	2	3			25	19:45	2	28	5	23			51
08:00	5		1					20:00	3		4				
08:15	11		2					20:15	2		0				
08:30	15		4					20:30	1		3				
08:45	10	41	4	11			52	20:45	2	8	4	11			19
09:00	12		6					21:00	4		3				
09:15	6		8					21:15	1		1				
09:30	9		6					21:30	0		2				
09:45	4	31	5	25			56	21:45	1	6	0	6			12
10:00	8		5					22:00	0		0				
10:15	6		4					22:15	1		1				
10:30	5		4					22:30	2		0				
10:45	11	30	4	17			47	22:45	2	5	1	2			7
11:00	9		9					23:00	1		0				
11:15	11		8					23:15	1		1				
11:30	11		6					23:30	0		2				
11:45	15	46	4	27			73	23:45	0	2	1	4			6
Total Vol.		184		87			**271**			328		203			**531**

Daily Totals

NB	SB	EB	WB	**Combined**
512	290			**802**

	AM			PM		
Split %	67.9%	32.1%	**33.8%**	61.8%	38.2%	**66.2%**
Peak Hour	11:30	10:45	**11:30**	12:00	12:00	**12:00**
Volume	61	27	**88**	52	28	**80**
P.H.F.	0.69	0.75	**0.71**	0.53	0.78	**0.65**

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

THURSDAY - SEPTEMBER 16, 2021 AREA: SAN MARCOS PROJECT: ETD21-0917-01-00

Eastern Driveway - West San Marcos Boulevard

AM	NB		SB		EB	WB		PM	NB		SB		EB	WB	
00:00	1		0					12:00	15		7				
00:15	0		1					12:15	13		9				
00:30	0		0					12:30	5		9				
00:45	0	1	0	1			2	12:45	11	44	8	33			77
01:00	1		0					13:00	12		7				
01:15	0		0					13:15	10		5				
01:30	1		0					13:30	8		14				
01:45	0	2	1	1			3	13:45	8	38	8	34			72
02:00	0		0					14:00	11		5				
02:15	0		0					14:15	4		4				
02:30	0		0					14:30	7		8				
02:45	0	0	0	0				14:45	8	30	7	24			54
03:00	0		0					15:00	8		4				
03:15	0		0					15:15	8		4				
03:30	0		0					15:30	7		7				
03:45	0	0	0	0				15:45	7	30	5	20			50
04:00	0		0					16:00	9		9				
04:15	0		1					16:15	10		8				
04:30	0		0					16:30	12		5				
04:45	0	0	1	2			2	16:45	17	48	7	29			77
05:00	1		0					17:00	15		6				
05:15	1		0					17:15	12		11				
05:30	1		0					17:30	16		1				
05:45	0	3	1	1			4	17:45	18	61	4	22			83
06:00	1		0					18:00	14		7				
06:15	1		0					18:15	9		5				
06:30	1		0					18:30	16		5				
06:45	0	3	0	0			3	18:45	16	55	5	22			77
07:00	1		0					19:00	16		10				
07:15	2		0					19:15	9		8				
07:30	5		1					19:30	14		5				
07:45	3	11	2	3			14	19:45	9	48	6	29			77
08:00	5		0					20:00	4		4				
08:15	6		3					20:15	7		3				
08:30	8		2					20:30	11		6				
08:45	5	24	1	6			30	20:45	7	29	11	24			53
09:00	4		4					21:00	5		10				
09:15	4		2					21:15	6		5				
09:30	7		3					21:30	12		6				
09:45	9	24	3	12			36	21:45	6	29	6	27			56
10:00	9		7					22:00	5		5				
10:15	7		4					22:15	6		0				
10:30	7		3					22:30	10		2				
10:45	10	33	2	16			49	22:45	3	24	3	10			34
11:00	8		4					23:00	1		3				
11:15	16		7					23:15	1		7				
11:30	12		4					23:30	1		0				
11:45	24	60	7	22			82	23:45	0	3	4	14			17
Total Vol.		161		64			**225**			439		288			**727**

Daily Totals

NB	SB	EB	WB	**Combined**
600	352			**952**

	AM			**PM**		
Split %	71.6%	28.4%	**23.6%**	60.4%	39.6%	**76.4%**
Peak Hour	11:15	11:45	**11:15**	17:00	12:45	**16:30**
Volume	67	32	**92**	61	34	**85**
P.H.F.	0.70	0.89	**0.74**	0.92	0.61	**0.89**

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

THURSDAY - SEPTEMBER 16, 2021 AREA: SAN MARCOS PROJECT: ETD21-0917-01-00

Southern Driveway - Via Vera Cruz

AM	NB	SB	EB		WB			PM	NB	SB	EB		WB		
00:00			2		3			12:00			11		26		
00:15			1		0			12:15			16		23		
00:30			4		1			12:30			17		19		
00:45			1	8	0	4	12	12:45			19	63	17	85	148
01:00			1		0			13:00			16		20		
01:15			1		0			13:15			25		27		
01:30			0		0			13:30			27		17		
01:45			0	2	1	1	3	13:45			26	94	18	82	176
02:00			0		0			14:00			17		17		
02:15			0		0			14:15			24		17		
02:30			0		0			14:30			15		21		
02:45			0	0	0	0		14:45			14	70	20	75	145
03:00			1		1			15:00			14		12		
03:15			0		0			15:15			13		23		
03:30			0		0			15:30			14		16		
03:45			0	1	0	1	2	15:45			12	53	24	75	128
04:00			0		0			16:00			12		27		
04:15			0		1			16:15			17		22		
04:30			0		0			16:30			15		12		
04:45			0	0	1	2	2	16:45			15	59	24	85	144
05:00			0		0			17:00			13		19		
05:15			1		2			17:15			15		19		
05:30			3		1			17:30			17		13		
05:45			2	6	1	4	10	17:45			11	56	20	71	127
06:00			0		0			18:00			13		13		
06:15			1		1			18:15			19		23		
06:30			2		1			18:30			15		14		
06:45			0	3	1	3	6	18:45			23	70	15	65	135
07:00			2		0			19:00			13		12		
07:15			3		8			19:15			17		18		
07:30			1		1			19:30			13		8		
07:45			3	9	7	16	25	19:45			8	51	10	48	99
08:00			10		3			20:00			12		10		
08:15			5		9			20:15			12		6		
08:30			8		12			20:30			10		12		
08:45			3	26	7	31	57	20:45			24	58	9	37	95
09:00			2		13			21:00			13		8		
09:15			11		7			21:15			14		3		
09:30			6		10			21:30			14		4		
09:45			9	28	15	45	73	21:45			6	47	4	19	66
10:00			14		11			22:00			6		3		
10:15			14		15			22:15			7		4		
10:30			7		9			22:30			8		2		
10:45			15	50	20	55	105	22:45			10	31	1	10	41
11:00			10		30			23:00			3		2		
11:15			22		26			23:15			8		2		
11:30			17		23			23:30			13		1		
11:45			16	65	27	106	171	23:45			4	28	0	5	33
Total Vol.				198		268	**466**					680		657	**1337**

Daily Totals

NB	SB	EB	WB	Combined
		878	925	**1803**

	AM			PM		
Split %	42.5%	57.5%	**25.8%**	50.9%	49.1%	**74.2%**
Peak Hour	11:15	11:00	**11:00**	13:15	15:15	**13:00**
Volume	66	106	**171**	95	90	**176**
P.H.F.	0.75	0.88	**0.89**	0.88	0.83	**0.85**

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

THURSDAY - SEPTEMBER 16, 2021 AREA: SAN MARCOS PROJECT: ETD21-0917-01-00

Mid Driveway - Via Vera Cruz

AM	NB	SB	EB	WB			PM	NB	SB	EB	WB			
00:00			0	0			12:00			1	5			
00:15			0	0			12:15			4	5			
00:30			0	0			12:30			3	4			
00:45			0	0	0	0	12:45			8	16	7	21	37
01:00			0	0			13:00			4	6			
01:15			0	0			13:15			7	6			
01:30			0	0			13:30			3	4			
01:45			0	0	0	0	13:45			5	19	5	21	40
02:00			0	0			14:00			5	4			
02:15			0	0			14:15			6	2			
02:30			0	0			14:30			2	3			
02:45			0	0	0	0	14:45			7	20	2	11	31
03:00			0	0			15:00			6	4			
03:15			1	0			15:15			4	3			
03:30			0	0			15:30			2	4			
03:45			0	1	0	0	1	15:45			4	16	7	18	34
04:00			0	0			16:00			7	4			
04:15			0	0			16:15			1	6			
04:30			0	0			16:30			2	3			
04:45			0	0	0	0	16:45			4	14	11	24	38
05:00			0	0			17:00			5	14			
05:15			0	0			17:15			3	9			
05:30			0	1			17:30			5	6			
05:45			0	0	0	1	1	17:45			3	16	15	44	60
06:00			0	0			18:00			4	3			
06:15			0	0			18:15			1	9			
06:30			0	0			18:30			5	3			
06:45			0	0	1	1	1	18:45			6	16	5	20	36
07:00			0	0			19:00			2	1			
07:15			1	0			19:15			6	7			
07:30			0	0			19:30			2	1			
07:45			1	2	2	2	4	19:45			4	14	2	11	25
08:00			0	0			20:00			5	0			
08:15			0	2			20:15			5	0			
08:30			0	3			20:30			6	0			
08:45			1	1	0	5	6	20:45			0	16	1	1	17
09:00			0	0			21:00			4	0			
09:15			0	2			21:15			1	1			
09:30			3	1			21:30			2	2			
09:45			1	4	4	7	11	21:45			1	8	1	4	12
10:00			1	1			22:00			0	2			
10:15			2	2			22:15			1	0			
10:30			1	1			22:30			2	0			
10:45			2	6	2	6	12	22:45			0	3	1	3	6
11:00			4	5			23:00			0	0			
11:15			2	12			23:15			0	0			
11:30			0	5			23:30			1	1			
11:45			2	8	8	30	38	23:45			0	1	0	1	2
Total Vol.			22	52		**74**				159	179			**338**

	Daily Totals				
	NB	SB	EB	WB	**Combined**
			181	231	**412**

	AM			**PM**		
Split %	29.7%	70.3%	**18.0%**	47.0%	53.0%	**82.0%**
Peak Hour	11:45	11:00	**11:00**	12:30	17:00	**17:00**
Volume	10	30	**38**	22	44	**60**
P.H.F.	0.63	0.63	**0.68**	0.69	0.73	**0.79**

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

THURSDAY - SEPTEMBER 16, 2021 AREA: SAN MARCOS PROJECT: ETD21-0917-01-00

Northern Driveway - Via Vera Cruz

AM	NB	SB	EB		WB			PM	NB	SB	EB		WB		
00:00			0		0			12:00			3		12		
00:15			0		0			12:15			22		10		
00:30			1		0			12:30			20		11		
00:45			0	1	0	0	1	12:45			17	62	11	44	106
01:00			0		1			13:00			14		2		
01:15			1		0			13:15			10		10		
01:30			1		0			13:30			15		10		
01:45			1	3	0	1	4	13:45			15	54	6	28	82
02:00			0		0			14:00			18		10		
02:15			1		1			14:15			17		1		
02:30			0		0			14:30			7		7		
02:45			0	1	0	1	2	14:45			14	56	7	25	81
03:00			0		0			15:00			17		8		
03:15			0		0			15:15			12		12		
03:30			0		0			15:30			14		10		
03:45			0	0	0	0		15:45			11	54	12	42	96
04:00			0		0			16:00			13		7		
04:15			0		0			16:15			10		12		
04:30			0		0			16:30			18		11		
04:45			0	0	0	0		16:45			12	53	9	39	92
05:00			0		0			17:00			10		7		
05:15			0		0			17:15			13		8		
05:30			1		0			17:30			11		5		
05:45			1	2	2	2	4	17:45			10	44	8	28	72
06:00			0		0			18:00			16		6		
06:15			0		1			18:15			8		9		
06:30			1		2			18:30			7		3		
06:45			2	3	2	5	8	18:45			4	35	8	26	61
07:00			2		2			19:00			19		0		
07:15			2		1			19:15			7		4		
07:30			0		7			19:30			12		3		
07:45			2	6	12	22	28	19:45			5	43	2	9	52
08:00			3		8			20:00			5		0		
08:15			5		8			20:15			1		0		
08:30			3		11			20:30			4		0		
08:45			4	15	13	40	55	20:45			4	14	1	1	15
09:00			6		5			21:00			3		1		
09:15			6		2			21:15			3		0		
09:30			5		7			21:30			2		1		
09:45			11	28	6	20	48	21:45			1	9	1	3	12
10:00			2		7			22:00			3		0		
10:15			3		3			22:15			4		0		
10:30			4		7			22:30			0		0		
10:45			5	14	7	24	38	22:45			1	8	0	0	8
11:00			5		6			23:00			0		0		
11:15			9		16			23:15			1		1		
11:30			7		15			23:30			2		0		
11:45			14	35	14	51	86	23:45			3	6	0	1	7
Total Vol.				108		166	**274**					438		246	**684**

			Daily Totals		
	NB	SB	EB	WB	**Combined**
			546	412	**958**

	AM			**PM**		
Split %	39.4%	60.6%	**28.6%**	64.0%	36.0%	**71.4%**
Peak Hour	11:45	11:15	**11:45**	12:15	12:00	**12:15**
Volume	59	57	**106**	73	44	**107**
P.H.F.	0.67	0.89	**0.83**	0.83	0.92	**0.84**

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

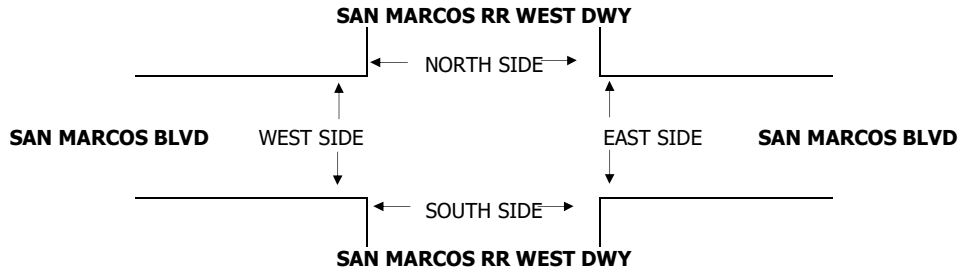
DATE:	LOCATION:	SAN MARCOS	PROJECT #:	ETD21-0917-01
9/16/21	NORTH & SOUTH:	SAN MARCOS RR WEST DWY	LOCATION #:	1
THURSDAY	EAST & WEST:	SAN MARCOS BLVD	CONTROL:	STOP

NOTES:

INCLUDES BIKE & PED

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

		NORTHBOUND SAN MARCOS RR WEST DWY			SOUTHBOUND SAN MARCOS RR WEST DWY			EASTBOUND SAN MARCOS BLVD			WESTBOUND SAN MARCOS BLVD				U-TURNS				
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	NB X	SB X	EB X	WB X	TTL
AM	7:00 AM	0	0	0	1	0	0	6	151	0	1	295	1	455					0
	7:15 AM	0	0	0	0	0	0	3	196	0	2	343	0	544			1		1
	7:30 AM	0	0	0	0	0	0	4	194	1	1	371	2	573					0
	7:45 AM	0	0	1	0	1	0	4	222	2	4	307	4	545					0
	8:00 AM	0	0	1	0	0	1	2	214	1	5	256	1	481					0
	8:15 AM	0	0	0	0	0	2	7	271	0	3	190	5	478					0
	8:30 AM	0	0	2	2	0	2	8	245	0	2	205	8	474					0
	8:45 AM	0	0	3	0	0	5	5	162	2	4	217	5	403					0
	VOLUMES	0	0	7	3	1	10	39	1,655	6	22	2,184	26	3,953	0	0	1	0	1
	APPROACH %	0%	0%	100%	21%	7%	71%	2%	97%	0%	1%	98%	1%						
	APP/DEPART	7	/	65	14	/	29	1,700	/	1,665	2,232	/	2,194	0					
	BEGIN PEAK HR		7:15 AM																
	VOLUMES	0	0	2	0	1	1	13	826	4	12	1,277	7	2,143					
	APPROACH %	0%	0%	100%	0%	50%	50%	2%	98%	0%	1%	99%	1%						
	PEAK HR FACTOR		0.500			0.500			0.924			0.866		0.935					
	APP/DEPART	2	/	20	2	/	17	843	/	828	1,296	/	1,278	0					
PM	4:00 PM	0	0	7	0	0	3	7	314	5	3	207	3	549					0
	4:15 PM	1	0	5	1	0	0	13	281	2	3	242	1	549					0
	4:30 PM	0	1	5	1	0	2	10	348	2	2	237	2	610					0
	4:45 PM	0	0	0	0	0	4	9	289	0	2	224	0	528					0
	5:00 PM	0	0	7	2	0	5	12	286	2	6	262	2	584					0
	5:15 PM	0	0	3	0	1	5	12	318	0	1	267	1	608					0
	5:30 PM	0	0	7	1	0	4	12	323	1	3	245	2	598					0
	5:45 PM	0	0	1	1	1	4	6	317	1	0	251	2	584					0
	VOLUMES	1	1	35	6	2	27	81	2,476	13	20	1,935	13	4,610	0	0	0	0	0
	APPROACH %	3%	3%	95%	17%	6%	77%	3%	96%	1%	1%	98%	1%						
	APP/DEPART	37	/	95	35	/	35	2,570	/	2,517	1,968	/	1,963	0					
	BEGIN PEAK HR		5:00 PM																
	VOLUMES	0	0	18	4	2	18	42	1,244	4	10	1,025	7	2,374					
	APPROACH %	0%	0%	100%	17%	8%	75%	3%	96%	0%	1%	98%	1%						
	PEAK HR FACTOR		0.643			0.857			0.960			0.965		0.976					
	APP/DEPART	18	/	49	24	/	16	1,290	/	1,266	1,042	/	1,043	0					



		PEDESTRIAN CROSSINGS					PEDESTRIAN ACTIVATIONS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM					0					0					0
	7:15 AM					0					0					0
	7:30 AM					0					0		2			2
	7:45 AM					0					0					0
	8:00 AM					0					0	1	1			2
	8:15 AM					0					0					0
	8:30 AM					0					0	1				1
	8:45 AM					0					0					0
	TOTAL	0	0	0	0	0	0	0	0	0	0	2	3	0	0	5
PM	4:00 PM					0					0	1				1
	4:15 PM					0					0					0
	4:30 PM					0					0					0
	4:45 PM					0					0	1				1
	5:00 PM					0					0					0
	5:15 PM	2				2					0					0
	5:30 PM					0					0					0
	5:45 PM					0					0					0
	TOTAL	2	0	0	0	2	0	0	0	0	0	2	0	0	0	2

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

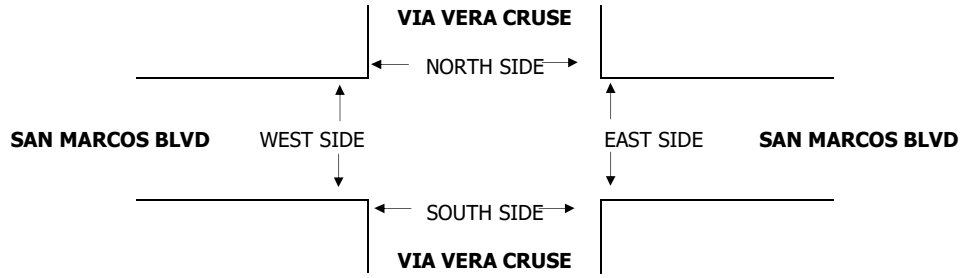
DATE:	LOCATION:	SAN MARCOS	PROJECT #:	ETD21-0917-01
9/16/21	NORTH & SOUTH:	VIA VERA CRUSE	LOCATION #:	2
THURSDAY	EAST & WEST:	SAN MARCOS BLVD	CONTROL:	SIGNAL

NOTES:

INCLUDES BIKE & PED

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

		NORTHBOUND VIA VERA CRUSE			SOUTHBOUND VIA VERA CRUSE			EASTBOUND SAN MARCOS BLVD			WESTBOUND SAN MARCOS BLVD				U-TURNS				
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	NB X	SB X	EB X	WB X	TTL
AM	7:00 AM	3	18	28	2	9	6	1	154	3	11	297	4	536				2	2
	7:15 AM	5	23	32	12	22	3	2	189	2	20	334	13	657					0
	7:30 AM	7	24	21	3	19	7	4	189	9	14	357	11	665					0
	7:45 AM	15	34	28	16	43	10	7	197	7	30	281	13	681			1	1	2
	8:00 AM	11	38	29	20	32	10	8	198	12	31	234	19	642			1	2	3
	8:15 AM	5	53	52	18	38	7	14	228	16	42	185	16	674					0
	8:30 AM	14	44	52	10	38	6	12	255	16	33	198	29	707			3	6	9
	8:45 AM	15	46	49	18	26	10	9	154	5	35	199	19	585				6	6
	VOLUMES	75	280	291	99	227	59	57	1,564	70	216	2,085	124	5,147	0	0	5	17	22
	APPROACH %	12%	43%	45%	26%	59%	15%	3%	92%	4%	9%	86%	5%						
	APP/DEPART	646	/	461	385	/	513	1,691	/	1,954	2,425	/	2,219	0					
	BEGIN PEAK HR		7:45 AM																
	VOLUMES	45	169	161	64	151	33	41	878	51	136	898	77	2,704					
	APPROACH %	12%	45%	43%	26%	61%	13%	4%	91%	5%	12%	81%	7%						
	PEAK HR FACTOR		0.852			0.899			0.857			0.857		0.956					
	APP/DEPART	375	/	287	248	/	338	970	/	1,103	1,111	/	976	0					
PM	4:00 PM	28	61	42	45	51	8	19	294	9	38	169	35	799			1	6	7
	4:15 PM	15	57	41	47	73	8	10	266	14	54	215	39	839	1		2	7	10
	4:30 PM	11	45	32	45	59	10	11	323	17	55	221	25	854				9	9
	4:45 PM	23	67	38	39	72	8	10	298	8	42	196	48	849				12	12
	5:00 PM	18	49	42	45	74	14	14	283	8	53	244	18	862				10	10
	5:15 PM	11	49	49	50	67	12	16	284	16	48	236	14	852				4	4
	5:30 PM	16	31	27	43	61	7	13	300	13	49	226	30	816			2	3	5
	5:45 PM	16	58	33	57	67	9	11	309	8	52	232	29	881			1	8	9
	VOLUMES	138	417	304	371	524	76	104	2,357	93	391	1,739	238	6,752	1	0	6	59	66
	APPROACH %	16%	49%	35%	38%	54%	8%	4%	92%	4%	17%	73%	10%						
	APP/DEPART	859	/	759	971	/	1,008	2,554	/	3,032	2,368	/	1,953	0					
	BEGIN PEAK HR		4:30 PM																
	VOLUMES	63	210	161	179	272	44	51	1,188	49	198	897	105	3,417					
	APPROACH %	15%	48%	37%	36%	55%	9%	4%	92%	4%	17%	75%	9%						
	PEAK HR FACTOR		0.848			0.930			0.917			0.952		0.991					
	APP/DEPART	434	/	366	495	/	519	1,288	/	1,528	1,200	/	1,004	0					



		PEDESTRIAN CROSSINGS					PEDESTRIAN ACTIVATIONS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM	1	1			2					0	1			1	2
	7:15 AM	2				2					0	1				1
	7:30 AM	1				1					0	2		1		3
	7:45 AM					0					0		1			1
	8:00 AM					0					0	1	1			2
	8:15 AM					0					0					0
	8:30 AM		1			1					0	1				1
	8:45 AM				1	1					0				1	1
	TOTAL	4	2	0	1	7	0	0	0	0	0	6	2	1	2	11
PM	4:00 PM	1				1					0					0
	4:15 PM		2		1	3					0					0
	4:30 PM	2			1	3					0					0
	4:45 PM			1		1					0			1		1
	5:00 PM	4	1		2	7					0					0
	5:15 PM				3	3					0	1		1		2
	5:30 PM	1	1			2					0					0
	5:45 PM	2			1	3					0	1				1
	TOTAL	10	4	1	8	23	0	0	0	0	0	2	0	2	0	4

INTERSECTION TURNING MOVEMENT COUNTS

PREPARED BY: ELITE TRAFFIC DYNAMICS, LLC

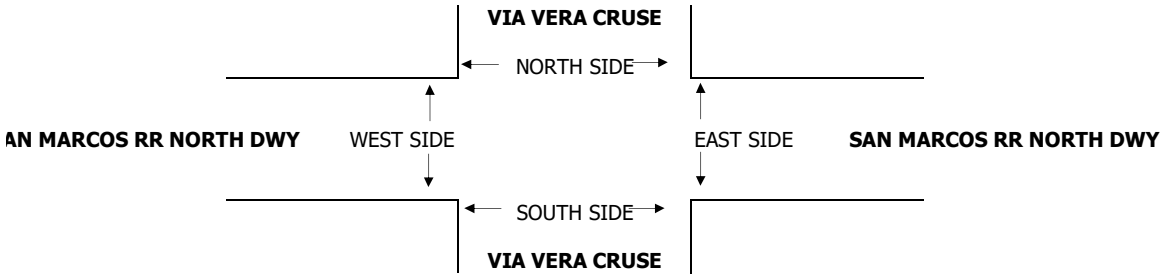
DATE:	LOCATION:	SAN MARCOS	PROJECT #:	ETD21-0917-01
9/16/21	NORTH & SOUTH:	VIA VERA CRUSE	LOCATION #:	3
THURSDAY	EAST & WEST:	SAN MARCOS RR NORTH DWY	CONTROL:	STOP

NOTES:

INCLUDES BIKE & PED

AM / PM / MD / OTHER / OTHER — ▲ N, ◄ W, E ►, S ▼

		NORTHBOUND VIA VERA CRUSE			SOUTHBOUND VIA VERA CRUSE			EASTBOUND SAN MARCOS RR NORTH DWY			WESTBOUND SAN MARCOS RR NORTH DWY				U-TURNS				
	LANES:	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL	NB X	SB X	EB X	WB X	TTL
AM	7:00 AM	1	21	0	0	18	1	1	0	1	0	0	0	43					0
	7:15 AM	1	36	0	8	48	0	1	0	1	0	0	0	95					0
	7:30 AM	4	37	0	1	56	3	0	0	0	0	0	0	101					0
	7:45 AM	7	49	0	1	101	5	1	0	1	0	0	0	165					0
	8:00 AM	4	66	0	0	58	4	1	0	2	0	0	0	135					0
	8:15 AM	4	71	0	0	70	4	1	0	3	0	0	0	153					0
	8:30 AM	8	78	0	0	67	4	2	0	2	0	0	0	161					0
	8:45 AM	5	63	0	0	70	7	1	0	2	0	0	0	148					0
	VOLUMES	34	421	0	10	488	28	8	0	12	0	0	0	1,001	0	0	0	0	0
	APPROACH %	7%	93%	0%	2%	93%	5%	40%	0%	60%	0%	0%	0%						
	APP/DEPART	455	/	429	526	/	500	20	/	10	0	/	62	0					
	BEGIN PEAK HR		7:45 AM																
	VOLUMES	23	264	0	1	296	17	5	0	8	0	0	0	614					
	APPROACH %	8%	92%	0%	0%	94%	5%	38%	0%	62%	0%	0%	0%						
	PEAK HR FACTOR		0.834			0.734			0.813			0.000		0.930					
	APP/DEPART	287	/	269	314	/	304	13	/	1	0	/	40	0					
PM	4:00 PM	5	113	0	1	11	2	8	0	5	0	0	0	145					0
	4:15 PM	6	109	0	0	129	7	9	0	2	0	0	0	262					0
	4:30 PM	1	104	0	0	114	10	8	0	11	0	0	0	248					0
	4:45 PM	3	127	0	3	126	7	6	0	5	0	0	0	277					0
	5:00 PM	2	91	0	0	124	4	4	0	5	0	0	0	230					0
	5:15 PM	1	79	0	0	98	7	6	0	8	0	0	0	199					0
	5:30 PM	3	87	0	0	104	1	6	0	4	0	0	0	205					0
	5:45 PM	2	92	0	0	116	7	4	0	7	0	0	0	228					0
	VOLUMES	23	802	0	4	822	45	51	0	47	0	0	0	1,794	0	0	0	0	0
	APPROACH %	3%	97%	0%	0%	94%	5%	52%	0%	48%	0%	0%	0%						
	APP/DEPART	825	/	853	871	/	869	98	/	4	0	/	68	0					
	BEGIN PEAK HR		4:15 PM																
	VOLUMES	12	431	0	3	493	28	27	0	23	0	0	0	1,017					
	APPROACH %	3%	97%	0%	1%	94%	5%	54%	0%	46%	0%	0%	0%						
	PEAK HR FACTOR		0.852			0.963			0.658			0.000		0.918					
	APP/DEPART	443	/	458	524	/	516	50	/	3	0	/	40	0					



		PEDESTRIAN CROSSINGS					PEDESTRIAN ACTIVATIONS					BICYCLE CROSSINGS				
		N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	N SIDE	S SIDE	E SIDE	W SIDE	TOTAL	NS	SS	ES	WS	TOTAL
AM	7:00 AM					0					0					0
	7:15 AM					0					0					0
	7:30 AM					0					0					0
	7:45 AM					0					0					0
	8:00 AM					0					0					0
	8:15 AM					0					0					0
	8:30 AM					0					0					0
	8:45 AM					0					0					0
	TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM					0					0					0
	4:15 PM					0					0					0
	4:30 PM					0					0					0
	4:45 PM					0					0	1			2	3
	5:00 PM	1				1					0		2			2
	5:15 PM					0					0					0
	5:30 PM					0					0					0
	5:45 PM					0					0					0
	TOTAL	1	0	0	0	1	0	0	0	0	0	1	2	0	2	5

ATTACHMENT 4:

LOS ANALYSIS WORKSHEETS – EXISTING CONDTIONS

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	13	826	4	12	1277	26	0	0	2	0	1	1
Future Vol, veh/h	13	826	4	12	1277	26	0	0	2	0	1	1
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	250	-	-	140	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	14	879	4	13	1359	28	0	0	2	0	1	1

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1387	0	0	883	0	0	-	-	442	1867	2310	694
Stage 1	-	-	-	-	-	-	-	-	-	1399	1399	-
Stage 2	-	-	-	-	-	-	-	-	-	468	911	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	490	-	-	762	-	-	0	0	563	45	38	385
Stage 1	-	-	-	-	-	-	0	0	-	148	206	-
Stage 2	-	-	-	-	-	-	0	0	-	545	351	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	490	-	-	762	-	-	-	-	563	43	36	385
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	43	36	-
Stage 1	-	-	-	-	-	-	-	-	-	144	202	-
Stage 2	-	-	-	-	-	-	-	-	-	527	341	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.2	0.1	11.4	61.4
HCM LOS			B	F

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	563	490	-	-	762	-	-	66
HCM Lane V/C Ratio	0.004	0.028	-	-	0.017	-	-	0.032
HCM Control Delay (s)	11.4	12.6	-	-	9.8	-	-	61.4
HCM Lane LOS	B	B	-	-	A	-	-	F
HCM 95th %tile Q(veh)	0	0.1	-	-	0.1	-	-	0.1

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	900	1125	24	0	12
Future Vol, veh/h	0	900	1125	24	0	12
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	87	87	50	50
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	978	1293	28	0	24

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	-	0	-	0	-	661
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	-	0	405
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	-	-	-	-	-	405
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	14.4
HCM LOS			B

Minor Lane/Major Mvmt	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	-	405
HCM Lane V/C Ratio	-	-	-	0.059
HCM Control Delay (s)	-	-	-	14.4
HCM Lane LOS	-	-	-	B
HCM 95th %tile Q(veh)	-	-	-	0.2

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	5	8	23	264	296	17
Future Vol, veh/h	5	8	23	264	296	17
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	5	9	25	284	318	18

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	519	168	336	0	-	0
Stage 1	327	-	-	-	-	-
Stage 2	192	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	486	847	1220	-	-	-
Stage 1	703	-	-	-	-	-
Stage 2	822	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	476	847	1220	-	-	-
Mov Cap-2 Maneuver	476	-	-	-	-	-
Stage 1	689	-	-	-	-	-
Stage 2	822	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.6	0.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1220	-	652	-	-
HCM Lane V/C Ratio	0.02	-	0.021	-	-
HCM Control Delay (s)	8	-	10.6	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.1	-	-

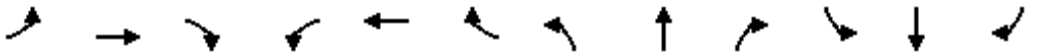
Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	16	18	269	250	13
Future Vol, veh/h	10	16	18	269	250	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	81	81	83	83	73	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	12	20	22	324	342	13

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	555	178	355	0	-	0
Stage 1	349	-	-	-	-	-
Stage 2	206	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	462	834	1200	-	-	-
Stage 1	685	-	-	-	-	-
Stage 2	808	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	454	834	1200	-	-	-
Mov Cap-2 Maneuver	454	-	-	-	-	-
Stage 1	673	-	-	-	-	-
Stage 2	808	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11	0.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1200	-	631	-	-
HCM Lane V/C Ratio	0.018	-	0.051	-	-
HCM Control Delay (s)	8.1	-	11	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.2	-	-



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	41	878	51	136	898	77	45	169	161	64	151	33
Future Volume (veh/h)	41	878	51	136	898	77	45	169	161	64	151	33
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	43	915	53	142	935	80	47	176	168	67	157	34
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	77	1167	68	181	1327	114	81	279	249	196	251	54
Arrive On Green	0.04	0.34	0.34	0.10	0.40	0.40	0.05	0.16	0.16	0.06	0.17	0.17
Sat Flow, veh/h	1781	3414	198	1781	3313	283	1781	1777	1585	3456	1490	323
Grp Volume(v), veh/h	43	476	492	142	501	514	47	176	168	67	0	191
Grp Sat Flow(s),veh/h/ln	1781	1777	1835	1781	1777	1819	1781	1777	1585	1728	0	1812
Q Serve(g_s), s	1.4	14.1	14.1	4.5	13.8	13.8	1.5	5.4	5.8	1.1	0.0	5.7
Cycle Q Clear(g_c), s	1.4	14.1	14.1	4.5	13.8	13.8	1.5	5.4	5.8	1.1	0.0	5.7
Prop In Lane	1.00		0.11	1.00		0.16	1.00		1.00	1.00		0.18
Lane Grp Cap(c), veh/h	77	607	627	181	712	729	81	279	249	196	0	305
V/C Ratio(X)	0.56	0.78	0.78	0.78	0.70	0.70	0.58	0.63	0.67	0.34	0.00	0.63
Avail Cap(c_a), veh/h	153	974	1006	305	1126	1153	183	1004	896	296	0	993
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	27.4	17.3	17.3	25.6	14.6	14.6	27.3	23.0	23.2	26.5	0.0	22.6
Incr Delay (d2), s/veh	2.4	0.9	0.8	2.8	0.5	0.5	2.4	0.9	1.2	0.4	0.0	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.6	5.2	5.4	1.9	4.9	5.0	0.7	2.2	2.1	0.4	0.0	2.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.8	18.1	18.1	28.4	15.1	15.1	29.7	23.9	24.4	26.9	0.0	23.4
LnGrp LOS	C	B	B	C	B	B	C	C	C	C	A	C
Approach Vol, veh/h		1011			1157			391			258	
Approach Delay, s/veh		18.6			16.7			24.8			24.3	
Approach LOS		B			B			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.3	14.2	10.9	24.9	7.7	14.8	7.5	28.4
Change Period (Y+Rc), s	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Max Green Setting (Gmax), s	5.0	33.0	10.0	32.0	6.0	32.0	5.0	37.0
Max Q Clear Time (g_c+I1), s	3.1	7.8	6.5	16.1	3.5	7.7	3.4	15.8
Green Ext Time (p_c), s	0.0	1.4	0.1	3.9	0.0	0.7	0.0	4.5

Intersection Summary	
HCM 6th Ctrl Delay	19.2
HCM 6th LOS	B

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	1	3	282	282	2
Future Vol, veh/h	0	1	3	282	282	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	81	81	83	83	73	73
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	1	4	340	386	3

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	566	195	389	0	-	0
Stage 1	388	-	-	-	-	-
Stage 2	178	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	454	814	1166	-	-	-
Stage 1	655	-	-	-	-	-
Stage 2	835	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	453	814	1166	-	-	-
Mov Cap-2 Maneuver	453	-	-	-	-	-
Stage 1	653	-	-	-	-	-
Stage 2	835	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.4	0.1	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1166	-	814	-	-
HCM Lane V/C Ratio	0.003	-	0.002	-	-
HCM Control Delay (s)	8.1	-	9.4	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	1244	4	10	1025	7	0	0	18	4	2	18
Future Vol, veh/h	42	1244	4	10	1025	7	0	0	18	4	2	18
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	250	-	-	140	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	98	98	98	98	98	98	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	43	1269	4	10	1046	7	0	0	18	4	2	18

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1053	0	0	1273	0	0	-	-	637	1791	2429	527
Stage 1	-	-	-	-	-	-	-	-	-	1070	1070	-
Stage 2	-	-	-	-	-	-	-	-	-	721	1359	-
Critical Hdwy	4.14	-	-	4.14	-	-	-	-	6.94	7.54	6.54	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	6.54	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	6.54	5.54	-
Follow-up Hdwy	2.22	-	-	2.22	-	-	-	-	3.32	3.52	4.02	3.32
Pot Cap-1 Maneuver	657	-	-	541	-	-	0	0	420	51	32	496
Stage 1	-	-	-	-	-	-	0	0	-	236	296	-
Stage 2	-	-	-	-	-	-	0	0	-	385	215	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	657	-	-	541	-	-	-	-	420	46	29	496
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	46	29	-
Stage 1	-	-	-	-	-	-	-	-	-	221	291	-
Stage 2	-	-	-	-	-	-	-	-	-	344	201	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.4	0.1	14	40.7
HCM LOS			B	E

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	420	657	-	-	541	-	-	125
HCM Lane V/C Ratio	0.044	0.065	-	-	0.019	-	-	0.196
HCM Control Delay (s)	14	10.9	-	-	11.8	-	-	40.7
HCM Lane LOS	B	B	-	-	B	-	-	E
HCM 95th %tile Q(veh)	0.1	0.2	-	-	0.1	-	-	0.7

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↑↑	↑↑			↱
Traffic Vol, veh/h	0	1277	980	60	0	25
Future Vol, veh/h	0	1277	980	60	0	25
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	96	96	96	96	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	1330	1021	63	0	29

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	-	0	-	0	-	542
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	-	0	485
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	-	-	-	-	-	485
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	12.9
HCM LOS			B

Minor Lane/Major Mvmt	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	-	485
HCM Lane V/C Ratio	-	-	-	0.06
HCM Control Delay (s)	-	-	-	12.9
HCM Lane LOS	-	-	-	B
HCM 95th %tile Q(veh)	-	-	-	0.2

Intersection	
Int Delay, s/veh	0.8

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	27	23	12	431	493	28
Future Vol, veh/h	27	23	12	431	493	28
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	29	25	13	468	536	30

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	811	283	566	0	-	0
Stage 1	551	-	-	-	-	-
Stage 2	260	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	317	714	1002	-	-	-
Stage 1	541	-	-	-	-	-
Stage 2	760	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	313	714	1002	-	-	-
Mov Cap-2 Maneuver	313	-	-	-	-	-
Stage 1	534	-	-	-	-	-
Stage 2	760	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.8	0.2	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1002	-	422	-	-
HCM Lane V/C Ratio	0.013	-	0.129	-	-
HCM Control Delay (s)	8.6	-	14.8	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.4	-	-

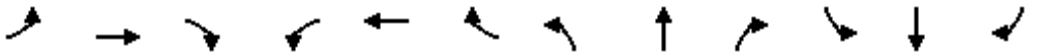
Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	27	25	365	462	60
Future Vol, veh/h	32	27	25	365	462	60
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	66	66	85	85	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	48	41	29	429	481	63

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	786	272	544	0	-	0
Stage 1	513	-	-	-	-	-
Stage 2	273	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	329	726	1021	-	-	-
Stage 1	566	-	-	-	-	-
Stage 2	748	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	320	726	1021	-	-	-
Mov Cap-2 Maneuver	320	-	-	-	-	-
Stage 1	550	-	-	-	-	-
Stage 2	748	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.6	0.6	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1021	-	430	-	-
HCM Lane V/C Ratio	0.029	-	0.208	-	-
HCM Control Delay (s)	8.6	-	15.6	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.8	-	-



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	51	1188	49	198	897	105	63	210	161	179	272	44
Future Volume (veh/h)	51	1188	49	198	897	105	63	210	161	179	272	44
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	52	1200	49	200	906	106	64	212	163	181	275	44
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	72	1370	56	236	1556	182	82	343	252	253	319	51
Arrive On Green	0.04	0.39	0.39	0.13	0.49	0.49	0.05	0.18	0.18	0.07	0.20	0.20
Sat Flow, veh/h	1781	3480	142	1781	3205	375	1781	1956	1433	3456	1573	252
Grp Volume(v), veh/h	52	612	637	200	502	510	64	192	183	181	0	319
Grp Sat Flow(s),veh/h/ln	1781	1777	1845	1781	1777	1803	1781	1777	1612	1728	0	1825
Q Serve(g_s), s	2.6	28.3	28.4	9.7	18.0	18.0	3.2	8.8	9.4	4.5	0.0	15.0
Cycle Q Clear(g_c), s	2.6	28.3	28.4	9.7	18.0	18.0	3.2	8.8	9.4	4.5	0.0	15.0
Prop In Lane	1.00		0.08	1.00		0.21	1.00		0.89	1.00		0.14
Lane Grp Cap(c), veh/h	72	700	727	236	863	875	82	312	283	253	0	369
V/C Ratio(X)	0.72	0.88	0.88	0.85	0.58	0.58	0.78	0.61	0.65	0.72	0.00	0.86
Avail Cap(c_a), veh/h	181	901	935	301	1021	1036	140	660	599	272	0	678
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	42.1	24.9	24.9	37.7	16.4	16.4	41.9	33.8	34.0	40.2	0.0	34.2
Incr Delay (d2), s/veh	4.9	6.6	6.5	13.7	0.2	0.2	5.8	0.7	0.9	6.6	0.0	2.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.2	12.2	12.6	5.0	6.6	6.7	1.5	3.7	3.6	2.1	0.0	6.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	46.9	31.5	31.4	51.3	16.6	16.6	47.7	34.6	35.0	46.8	0.0	36.6
LnGrp LOS	D	C	C	D	B	B	D	C	C	D	A	D
Approach Vol, veh/h		1301			1212			439			500	
Approach Delay, s/veh		32.1			22.3			36.7			40.3	
Approach LOS		C			C			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.5	20.6	16.7	40.0	9.1	23.0	8.6	48.1
Change Period (Y+Rc), s	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Max Green Setting (Gmax), s	7.0	33.0	15.0	45.0	7.0	33.0	9.0	51.0
Max Q Clear Time (g_c+I1), s	6.5	11.4	11.7	30.4	5.2	17.0	4.6	20.0
Green Ext Time (p_c), s	0.0	1.3	0.1	4.6	0.0	1.0	0.0	4.2

Intersection Summary	
HCM 6th Ctrl Delay	30.4
HCM 6th LOS	C

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	9	7	13	410	500	31
Future Vol, veh/h	9	7	13	410	500	31
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	66	66	85	85	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	14	11	15	482	521	32

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	808	277	553	0	-	0
Stage 1	537	-	-	-	-	-
Stage 2	271	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	319	720	1013	-	-	-
Stage 1	550	-	-	-	-	-
Stage 2	750	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	314	720	1013	-	-	-
Mov Cap-2 Maneuver	314	-	-	-	-	-
Stage 1	542	-	-	-	-	-
Stage 2	750	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.2	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1013	-	417	-	-
HCM Lane V/C Ratio	0.015	-	0.058	-	-
HCM Control Delay (s)	8.6	-	14.2	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

ATTACHMENT 5:

LOS ANALYSIS WORKSHEETS – EXISTING PLUS PROJECT CONDTIONS

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	830	4	12	1280	31	0	0	2	0	0	9
Future Vol, veh/h	0	830	4	12	1280	31	0	0	2	0	0	9
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	140	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	883	4	13	1362	33	0	0	2	0	0	10

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	887	0	0	-	-	444	-	-	698
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	759	-	-	0	0	561	0	0	383
Stage 1	0	-	-	-	-	-	0	0	-	0	0	-
Stage 2	0	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	-	-	-	759	-	-	-	-	561	-	-	383
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.1	11.4	14.6
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	561	-	-	759	-	-	383
HCM Lane V/C Ratio	0.004	-	-	0.017	-	-	0.025
HCM Control Delay (s)	11.4	-	-	9.8	-	-	14.6
HCM Lane LOS	B	-	-	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	0.1	-	-	0.1

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	0	901	1130	15	0	15
Future Vol, veh/h	0	901	1130	15	0	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	92	92	87	87	50	50
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	979	1299	17	0	30

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	-	0	-	0	-	658
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	-	0	407
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	-	-	-	-	-	407
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	14.5
HCM LOS			B

Minor Lane/Major Mvmt	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	-	407
HCM Lane V/C Ratio	-	-	-	0.074
HCM Control Delay (s)	-	-	-	14.5
HCM Lane LOS	-	-	-	B
HCM 95th %tile Q(veh)	-	-	-	0.2

Intersection	
Int Delay, s/veh	1.3

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	22	34	26	268	295	15
Future Vol, veh/h	22	34	26	268	295	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	24	37	28	288	317	16

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	525	167	333	0	-	0
Stage 1	325	-	-	-	-	-
Stage 2	200	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	482	848	1223	-	-	-
Stage 1	705	-	-	-	-	-
Stage 2	814	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	471	848	1223	-	-	-
Mov Cap-2 Maneuver	471	-	-	-	-	-
Stage 1	689	-	-	-	-	-
Stage 2	814	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.2	0.7	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1223	-	645	-	-
HCM Lane V/C Ratio	0.023	-	0.093	-	-
HCM Control Delay (s)	8	-	11.2	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.3	-	-

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	16	18	276	275	13
Future Vol, veh/h	10	16	18	276	275	13
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	81	81	83	83	73	100
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	12	20	22	333	377	13

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	595	195	390	0	-	0
Stage 1	384	-	-	-	-	-
Stage 2	211	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	436	814	1165	-	-	-
Stage 1	658	-	-	-	-	-
Stage 2	804	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	428	814	1165	-	-	-
Mov Cap-2 Maneuver	428	-	-	-	-	-
Stage 1	645	-	-	-	-	-
Stage 2	804	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	11.3	0.5	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1165	-	604	-	-
HCM Lane V/C Ratio	0.019	-	0.053	-	-
HCM Control Delay (s)	8.1	-	11.3	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.2	-	-

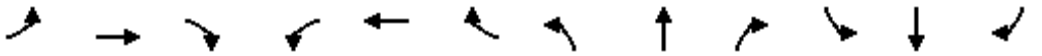
Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	0	1243	4	10	1019	31	0	0	18	0	0	8
Future Vol, veh/h	0	1243	4	10	1019	31	0	0	18	0	0	8
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	140	-	-	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	98	98	98	98	98	98	98	98	98	98	98	98
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1268	4	10	1040	32	0	0	18	0	0	8

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	1272	0	0	-	-	636	-	-	536
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	4.14	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	2.22	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	542	-	-	0	0	421	0	0	489
Stage 1	0	-	-	-	-	-	0	0	-	0	0	-
Stage 2	0	-	-	-	-	-	0	0	-	0	0	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	-	-	-	542	-	-	-	-	421	-	-	489
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0.1	13.9	12.5
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	421	-	-	542	-	-	489
HCM Lane V/C Ratio	0.044	-	-	0.019	-	-	0.017
HCM Control Delay (s)	13.9	-	-	11.8	-	-	12.5
HCM Lane LOS	B	-	-	B	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	0.1	-	-	0.1



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	45	875	51	136	896	77	45	168	161	92	154	32
Future Volume (veh/h)	45	875	51	136	896	77	45	168	161	92	154	32
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	47	911	53	142	933	80	47	175	168	96	160	33
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	272	1365	79	286	1325	114	571	711	634	1022	602	124
Arrive On Green	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
Sat Flow, veh/h	556	3413	199	583	3312	284	1190	1777	1585	2013	1504	310
Grp Volume(v), veh/h	47	474	490	142	501	512	47	175	168	96	0	193
Grp Sat Flow(s),veh/h/ln	556	1777	1835	583	1777	1819	1190	1777	1585	1006	0	1815
Q Serve(g_s), s	3.1	8.7	8.7	7.3	9.4	9.4	1.1	2.6	2.8	1.3	0.0	2.9
Cycle Q Clear(g_c), s	12.5	8.7	8.7	16.0	9.4	9.4	4.0	2.6	2.8	4.2	0.0	2.9
Prop In Lane	1.00		0.11	1.00		0.16	1.00		1.00	1.00		0.17
Lane Grp Cap(c), veh/h	272	711	734	286	711	728	571	711	634	1022	0	726
V/C Ratio(X)	0.17	0.67	0.67	0.50	0.70	0.70	0.08	0.25	0.26	0.09	0.00	0.27
Avail Cap(c_a), veh/h	272	711	734	286	711	728	571	711	634	1022	0	726
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	15.2	9.8	9.8	17.3	10.0	10.0	9.4	8.0	8.1	9.5	0.0	8.1
Incr Delay (d2), s/veh	1.4	4.9	4.8	6.1	5.8	5.7	0.3	0.8	1.0	0.2	0.0	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.4	3.4	3.5	1.6	3.8	3.8	0.3	0.9	0.9	0.3	0.0	1.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	16.6	14.7	14.6	23.4	15.8	15.7	9.7	8.8	9.1	9.6	0.0	9.0
LnGrp LOS	B	B	B	C	B	B	A	A	A	A	A	A
Approach Vol, veh/h		1011			1155			390			289	
Approach Delay, s/veh		14.8			16.7			9.0			9.2	
Approach LOS		B			B			A			A	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		20.0		20.0		20.0		20.0				
Change Period (Y+Rc), s		4.0		4.0		4.0		4.0				
Max Green Setting (Gmax), s		16.0		16.0		16.0		16.0				
Max Q Clear Time (g_c+I1), s		6.0		14.5		6.2		18.0				
Green Ext Time (p_c), s		1.6		1.0		1.1		0.0				

Intersection Summary												
HCM 6th Ctrl Delay			14.2									
HCM 6th LOS			B									

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	1	3	293	285	2
Future Vol, veh/h	0	1	3	293	285	2
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	81	81	83	83	73	73
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	1	4	353	390	3

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	577	197	393	0	-	0
Stage 1	392	-	-	-	-	-
Stage 2	185	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	447	811	1162	-	-	-
Stage 1	652	-	-	-	-	-
Stage 2	828	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	446	811	1162	-	-	-
Mov Cap-2 Maneuver	446	-	-	-	-	-
Stage 1	650	-	-	-	-	-
Stage 2	828	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	9.4	0.1	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1162	-	811	-	-
HCM Lane V/C Ratio	0.003	-	0.002	-	-
HCM Control Delay (s)	8.1	-	9.4	-	-
HCM Lane LOS	A	-	A	-	-
HCM 95th %tile Q(veh)	0	-	0	-	-

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↑↑	↑↑			↱
Traffic Vol, veh/h	0	1257	968	17	0	19
Future Vol, veh/h	0	1257	968	17	0	19
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	96	96	96	96	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	1309	1008	18	0	22

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	-	0	-	0	-	513
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	-	0	506
Stage 1	0	-	-	-	0	-
Stage 2	0	-	-	-	0	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	-	-	-	-	-	506
Mov Cap-2 Maneuver	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	12.4
HCM LOS			B

Minor Lane/Major Mvmt	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	-	506
HCM Lane V/C Ratio	-	-	-	0.044
HCM Control Delay (s)	-	-	-	12.4
HCM Lane LOS	-	-	-	B
HCM 95th %tile Q(veh)	-	-	-	0.1

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	15	21	17	424	475	28
Future Vol, veh/h	15	21	17	424	475	28
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	23	18	461	516	30

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	798	273	546	0	-	0
Stage 1	531	-	-	-	-	-
Stage 2	267	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	323	725	1019	-	-	-
Stage 1	554	-	-	-	-	-
Stage 2	754	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	317	725	1019	-	-	-
Mov Cap-2 Maneuver	317	-	-	-	-	-
Stage 1	544	-	-	-	-	-
Stage 2	754	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	13.3	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1019	-	472	-	-
HCM Lane V/C Ratio	0.018	-	0.083	-	-
HCM Control Delay (s)	8.6	-	13.3	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0.1	-	0.3	-	-

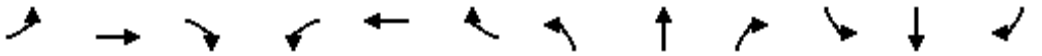
Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	32	27	25	363	442	60
Future Vol, veh/h	32	27	25	363	442	60
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	66	66	85	85	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	48	41	29	427	460	63

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	764	262	523	0	-	0
Stage 1	492	-	-	-	-	-
Stage 2	272	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	340	737	1040	-	-	-
Stage 1	580	-	-	-	-	-
Stage 2	749	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	330	737	1040	-	-	-
Mov Cap-2 Maneuver	330	-	-	-	-	-
Stage 1	564	-	-	-	-	-
Stage 2	749	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	15.2	0.6	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1040	-	442	-	-
HCM Lane V/C Ratio	0.028	-	0.202	-	-
HCM Control Delay (s)	8.6	-	15.2	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.7	-	-



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	50	1170	49	198	795	105	60	200	161	158	267	26
Future Volume (veh/h)	50	1170	49	198	795	105	60	200	161	158	267	26
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	51	1182	49	200	803	106	61	202	163	160	270	26
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	73	1380	57	237	1543	204	80	322	246	233	320	31
Arrive On Green	0.04	0.40	0.40	0.13	0.49	0.49	0.04	0.17	0.17	0.07	0.19	0.19
Sat Flow, veh/h	1781	3477	144	1781	3156	417	1781	1916	1467	3456	1680	162
Grp Volume(v), veh/h	51	604	627	200	452	457	61	187	178	160	0	296
Grp Sat Flow(s),veh/h/ln	1781	1777	1844	1781	1777	1795	1781	1777	1606	1728	0	1841
Q Serve(g_s), s	2.4	26.5	26.5	9.3	14.9	14.9	2.9	8.3	8.9	3.9	0.0	13.2
Cycle Q Clear(g_c), s	2.4	26.5	26.5	9.3	14.9	14.9	2.9	8.3	8.9	3.9	0.0	13.2
Prop In Lane	1.00		0.08	1.00		0.23	1.00		0.91	1.00		0.09
Lane Grp Cap(c), veh/h	73	705	732	237	869	878	80	298	270	233	0	351
V/C Ratio(X)	0.70	0.86	0.86	0.84	0.52	0.52	0.76	0.63	0.66	0.69	0.00	0.84
Avail Cap(c_a), veh/h	188	938	974	314	1063	1074	146	688	622	284	0	713
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00
Uniform Delay (d), s/veh	40.3	23.5	23.5	36.1	14.9	14.9	40.3	33.0	33.2	38.8	0.0	33.3
Incr Delay (d2), s/veh	4.4	4.9	4.7	11.7	0.2	0.2	5.6	0.8	1.0	3.2	0.0	2.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.1	11.4	11.8	4.7	5.6	5.7	1.4	3.6	3.5	1.7	0.0	5.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	44.7	28.3	28.2	47.8	15.1	15.1	45.8	33.8	34.2	42.1	0.0	35.4
LnGrp LOS	D	C	C	D	B	B	D	C	C	D	A	D
Approach Vol, veh/h		1282			1109			426			456	
Approach Delay, s/veh		28.9			21.0			35.7			37.8	
Approach LOS		C			C			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.8	19.3	16.3	38.8	8.8	21.2	8.5	46.7
Change Period (Y+Rc), s	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Max Green Setting (Gmax), s	7.0	33.0	15.0	45.0	7.0	33.0	9.0	51.0
Max Q Clear Time (g_c+I1), s	5.9	10.9	11.3	28.5	4.9	15.2	4.4	16.9
Green Ext Time (p_c), s	0.0	1.4	0.1	5.3	0.0	1.0	0.0	4.2

Intersection Summary	
HCM 6th Ctrl Delay	28.4
HCM 6th LOS	C

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	9	7	13	413	515	31
Future Vol, veh/h	9	7	13	413	515	31
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	66	66	85	85	96	96
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	14	11	15	486	536	32

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	825	284	568	0	-	0
Stage 1	552	-	-	-	-	-
Stage 2	273	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.14	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.22	-	-	-
Pot Cap-1 Maneuver	311	713	1000	-	-	-
Stage 1	541	-	-	-	-	-
Stage 2	748	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	306	713	1000	-	-	-
Mov Cap-2 Maneuver	306	-	-	-	-	-
Stage 1	533	-	-	-	-	-
Stage 2	748	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	14.4	0.3	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	1000	-	408	-	-
HCM Lane V/C Ratio	0.015	-	0.059	-	-
HCM Control Delay (s)	8.7	-	14.4	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th %tile Q(veh)	0	-	0.2	-	-

Appendix J
VMT Impact Analysis

July 7, 2023

David Shepherd
Director of Entitlements
Lennar Homes of California, LLC
16465 Via Esprillo, Suite 150
San Diego, CA 92127

Regarding: San Marcos Restaurant Row – VMT Impact Analysis

Dear Mr. Shepard,

The purpose of this letter is to evaluate and document the potential transportation impacts that may be associated with the proposed San Marcos Restaurant Row Redevelopment Project (Proposed Project), as outlined under the California Environmental Quality Act (CEQA). Transportation related CEQA impacts were evaluated based on the methodologies and thresholds outlined in the *City of San Marcos Transportation Impact Analysis Guidelines (TIAG), November 16, 2020*.

Proposed Project

The Proposed Project will replace 63,484 square feet (SF) of existing restaurant uses with 202 multi-family dwelling units,10,400 SF of commercial retail uses, and a 1.1 acre park. The Proposed Project is located on the northwest corner of the West San Marcos Boulevard / Via Vera Cruz intersection, and will have four access points, two located on West San Marcos Boulevard (the existing western and eastern Restaurant Row driveways) and two others located on Via Vera Cruz (the existing northern and southern Restaurant Row driveways). Figure 1 displays the Proposed Project's location, while Figure 2 displays the Proposed Project site plan.

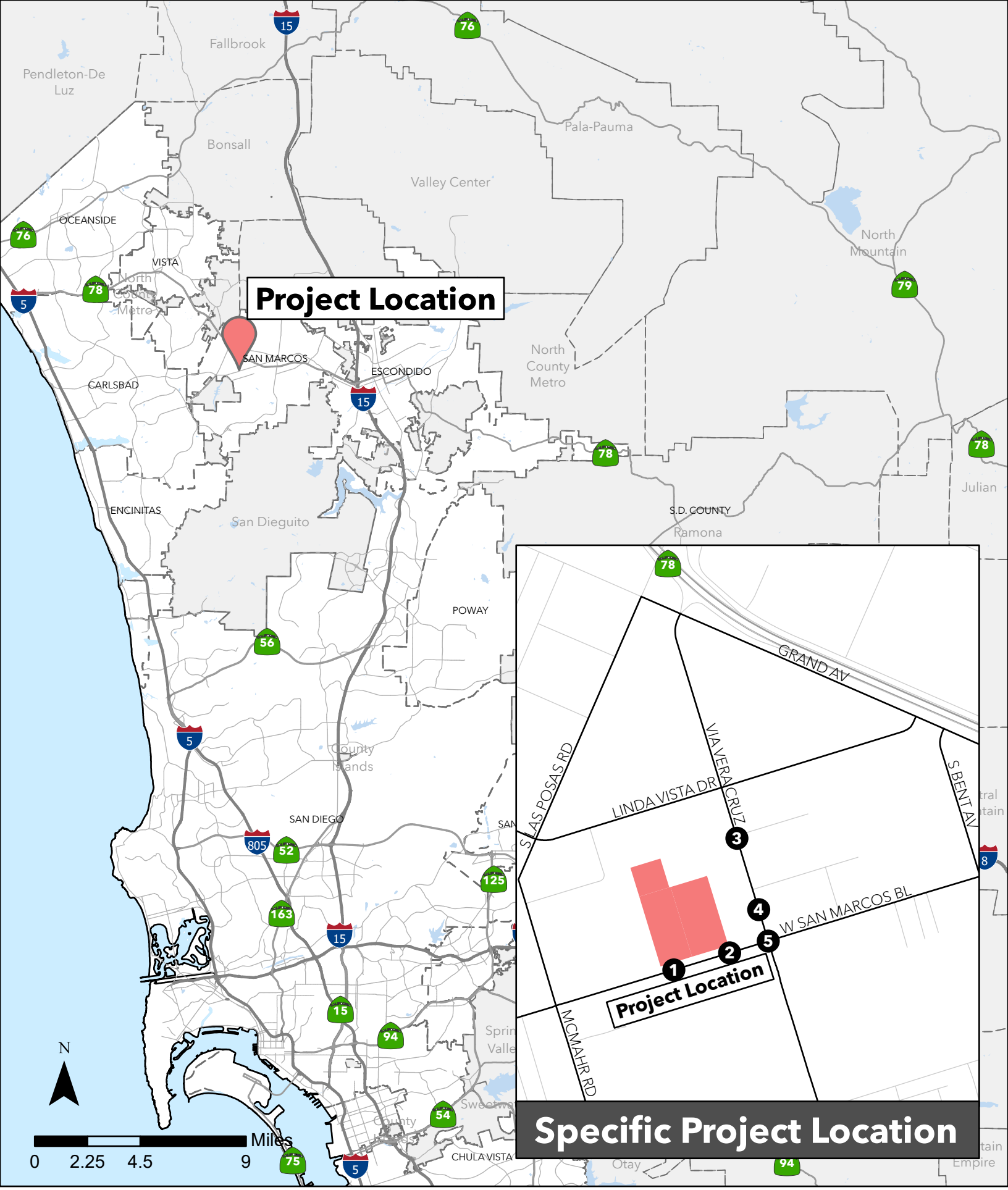
Table 1 displays the anticipated trip generation for the Proposed Project, as well as the trip credits that would be associated with the removal of the existing resultant uses. Trip Generation rates were derived from the *SANDAG (Not so) Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region, April 2002*.

Table 1: Proposed Project Trip Generation

Land Use	Units	Trip Rate	ADT	AM				PM			
				%	Trips	In	Out	%	Trips	In	Out
Multi-Family Units	202 DU	6/DU	1,212	8%	97	19	78	9%	110	77	33
Strip Commercial	10,400 SF	40/KSF	416	3%	13	8	5	9%	38	19	19
City Park	1.1 Acres	50/Acres	55	13%	9	5	4	9%	6	3	3
		Project Total	1,683		118	31	87		153	99	54
Existing Uses											
Restaurant (Quality)	-63,484 SF	100/KSF	-6,348[1]	1%	-64	-38	-26	8%	-508	-356	-152
		Net Change	-4,665		54	-7	61		-355	-257	-98

Note

[1]Driveway counts were conducted at the Proposed Project site on September 16, 2021, when some of the restaurant facilities were till operational. Driveway count worksheets and summary tables are provided in Attachment 1. The driveway counts show that the existing uses generate 2,179 daily trips.



Old California Restaurant Row

Figure 1
Project Location

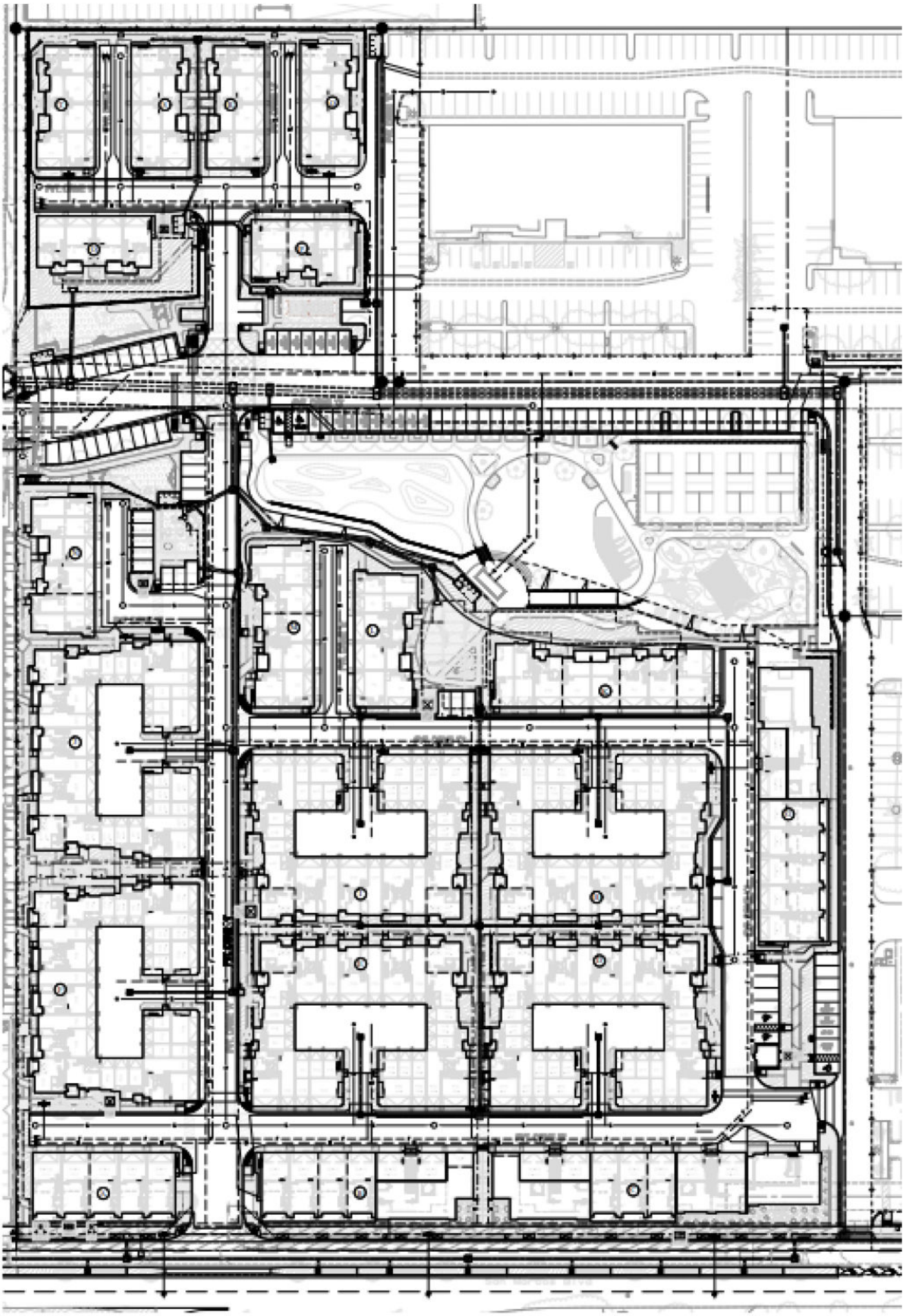


Figure 2
Project Site Plan

As shown in Table 1, implementation of the Proposed Project is anticipated to result in a net decrease of 4,665 daily trips, a net increase of 54 AM peak hour trips, and a net decrease of 355 PM peak hour trips.

VMT Impact Analysis

Section 2.1.3 of the City's TIAG, identifies the impact thresholds that should be applied to the different types of land development projects within the City. Since the Proposed Project will be replacing existing land uses, it is considered a redevelopment project; therefore, the following impact threshold was applied to identify VMT related impacts:

Redevelopment Projects

> *Redevelopment Projects (Replaces Existing Uses)* – As noted in Section 2.1.3.2 of the TIAG, per CEQA, a redevelopment project that replaces existing uses and results in a net decrease in VMT can be presumed to have a less-than-significant transportation impact and would not require a detailed VMT analysis; a redevelopment project that replaces existing uses and results in a net increase in VMT will require a VMT analysis. This should be calculated by estimating the total VMT for the previous and proposed land uses using SANDAG trip generation rates and citywide average trip lengths from the California Household Travel Survey (CHTS). If a project replaces existing uses and the project leads to a net overall increase in VMT compared to the previous uses, then the appropriate metrics and thresholds should be applied to each proposed use. If the project is a mixed-use project, then internalization should be considered when estimating its total VMT and each component's trip generation should be multiplied by its respective trip length; if the project results in a net increase in VMT, then each individual use should be analyzed under its respective threshold. In addition, the proposed land uses should be analyzed without incorporating a credit or reduction for the displacement of existing land uses at the project site.

Table 2 calculates the VMT the Proposed Project is anticipated to generate and compares it to the VMT generated by the current uses on the project site. This comparison reflects the net change in VMT on the project site.

Table 2: Change in VMT with the Proposed Project

Land Use	Amount	Rate[1]	ADT	Trip Length (Miles)[2]	VMT
Multi-Family Residential	202 DUs	6 Trips/DU	1,212	6.39	7,745
Strip Retail	10,400 SF	40 Trips/KSF	416	5.39	2,242
Park	1.1 Acres	50 Trips/Acre	55	7.63	420
		Total	1,683		10,407
Existing Uses					
Restaurant (Quality)	63,484 SF	100 Trips/KSF	6,348	5.39	34,216
		Net Change	-4,665		-23,809

Notes:
[1]Source: SANDAG (Not so) Brief Guide of Vehicular Traffic Generation Rates for the San Diego Region, April 2002
[2]Source: California Household Travel Survey, as outlined in the City' s TIAG.

Mobility Improvements

As part of the San Marcos Boulevard Multi-Way Complete Streets project, the Proposed Project will implement a continuous center median along the project frontage on West San Marcos Boulevard. This will eliminate the left-turn ingress and egress movements at the western project driveway. The Proposed Project will also move the existing northern curb line along West San Marcos Boulevard approximately 16 feet into the project site to accommodate the proposed multi-way roadway improvements. It should be noted that the proposed curbline adjustment will be to accommodate safety and multi-modal improvements and will be non-vehicular capacity enhancing. Finally, the Proposed Project will implement a raised curb along its frontage on West San Marcos Boulevard, which will separate the multi-way facility from the through travel lanes on San Marcos Boulevard.

As part of the Multi-Way improvements, the Proposed Project will reconstruct the existing sidewalk along its frontage. The new sidewalk will be constructed to City of San Marcos standards and will be compliant with American Disabilities Act (ADA) regulations. The Proposed Project will also maintain the existing Class II bike lane along San Marcos Boulevard. Based on the final Multi-Way design, the existing San Marcos Blvd & Via Vera Cruz bus stop, located on the northwest corner of the West San Marcos Boulevard / Via Vera Cruz intersection, may need to be moved slightly to the west. However; this change, if necessary, will not substantially change the bus stop spacing along the route and will have minimum to no impact on the route's operations. The amenities at the bus stop will be replaced in kind to current conditions, if the stop is moved.

Conclusion

As shown in Table 2, the Proposed Project is projected to generate 23,809 miles of travel less than the existing Restaurant Row uses. Therefore, as per Section 2.1.3.2 of the City's TIAG, the implementation of the Proposed Project would result in a less than significant transportation related impact.

Sincerely

Stephen Cook
Steve@IntersectingMetrics.com

Attachment 1

Driveway Counts

San Marcos Restaurant Row – Driveway County Summary

Driveway	ADT	AM		PM	
		In	Out	In	Out
Western Driveway - West San Marcos Boulevard	802	41	11	50	26
Eastern Driveway - West San Marcos Boulevard	952	24	12	60	25
Northern Driveway - Via Vera Cruz	958	40	15	39	53
Mid Driveway - Via Vera Cruz	412	5	1	44	16
Southern Driveway - Via Vera Cruz	1,803	31	26	85	59
Total	4,927	141	65	278	179

San Marcos Restaurant Row - Removed Trip Generation

Driveway[1]	ADT	AM		PM	
		In	Out	In	Out
Western Driveway - West San Marcos Boulevard	802	41	11	50	26
Eastern Driveway - West San Marcos Boulevard[2]	476	12	6	30	12
Southern Driveway - Via Vera Cruz[1]	901	15	13	42	29
Total	2,179	68	30	122	67

Notes:
[1]To be conservative, traffic from the Northern Via Vera Cruz and Mid Via Vera Cruz driveways were not assumed to be associated with the existing resultant uses that will be removed from the Proposed Project.
[2]To be conservative, it is assumed that only half of these driveway volumes are associated with the resultant uses that will be removed with the Proposed Project. As shown below over 70% of the existing uses on site ill be removed with the proposed project.

Existing Uses on the Project Site:

- 63,484 SF of Restaurant (to be removed)
- 18,246 SF of Restaurant (to be maintained)
- 7,650 SF of Bank (to be maintained)

Appendix K
Water and Sewer Study

VALLECITOS WATER DISTRICT

RESTAURANT ROW MIXED-USE WATER AND SEWER STUDY

WORK ORDER # 263272

FINAL TECHNICAL MEMORANDUM
January 17, 2023

Prepared By: Elizabeth Lopez, Development Services Senior Engineer and Lisa Whitesell, Engineering Technician III

INTRODUCTION

The proposed Restaurant Row Mixed-Use project (Project) is a mixed-use development on 10.52-acres, with 202 dwelling units and 10,400 square feet of commercial space and community park. The Project is located on San Marcos Blvd. between Las Posas Road and Via Vera Cruz (APN 219-200-30, 31 & 45).

The Project is located within VWD's boundaries for water and wastewater service. The property does not need to annex, both water and wastewater services can be provided by the Vallecitos Water District (VWD).

All new projects undergo evaluation by VWD to determine if the current water and sewer infrastructure is sufficient to accommodate the proposed water demands and sewage generation.

This study projects water demand and sewage generation increases due to the project densification. It analyzes the following aspects of VWD's infrastructure and makes recommendations for capital improvements for impacts that are created due to the land use change:

- Water distribution system, including the need to upsize pipelines, install new pipelines, or install flow control facilities.
- Water storage, including the need for additional storage and the adequacy of existing storage tanks and reservoirs to serve the proposed development.
- Water pump stations, including the need to install new pump stations or upsize existing pump stations to serve the proposed development.
- Wastewater collection system, including the need to upsize pipelines and manholes, or the need to install new pipelines and manholes.
- Wastewater lift stations, including the need to install new lift stations or upsize existing lift stations to serve the proposed development.
- Wastewater land outfall, including the need to construct a parallel land outfall to serve this and other proposed developments.

- Wastewater treatment facilities, including the need for obtaining additional capacity at the Encina Water Pollution Control Facility (EWPCF) or for expanding the Meadowlark Water Reclamation Facility (MRF).
- Existing VWD water and/or sewer facilities not being utilized for proposed development will need to be abandoned per VWD Standards and Specifications. Asbestos cement pipe shall be properly removed and legally disposed of by the Developer.

WATER SYSTEM ANALYSIS

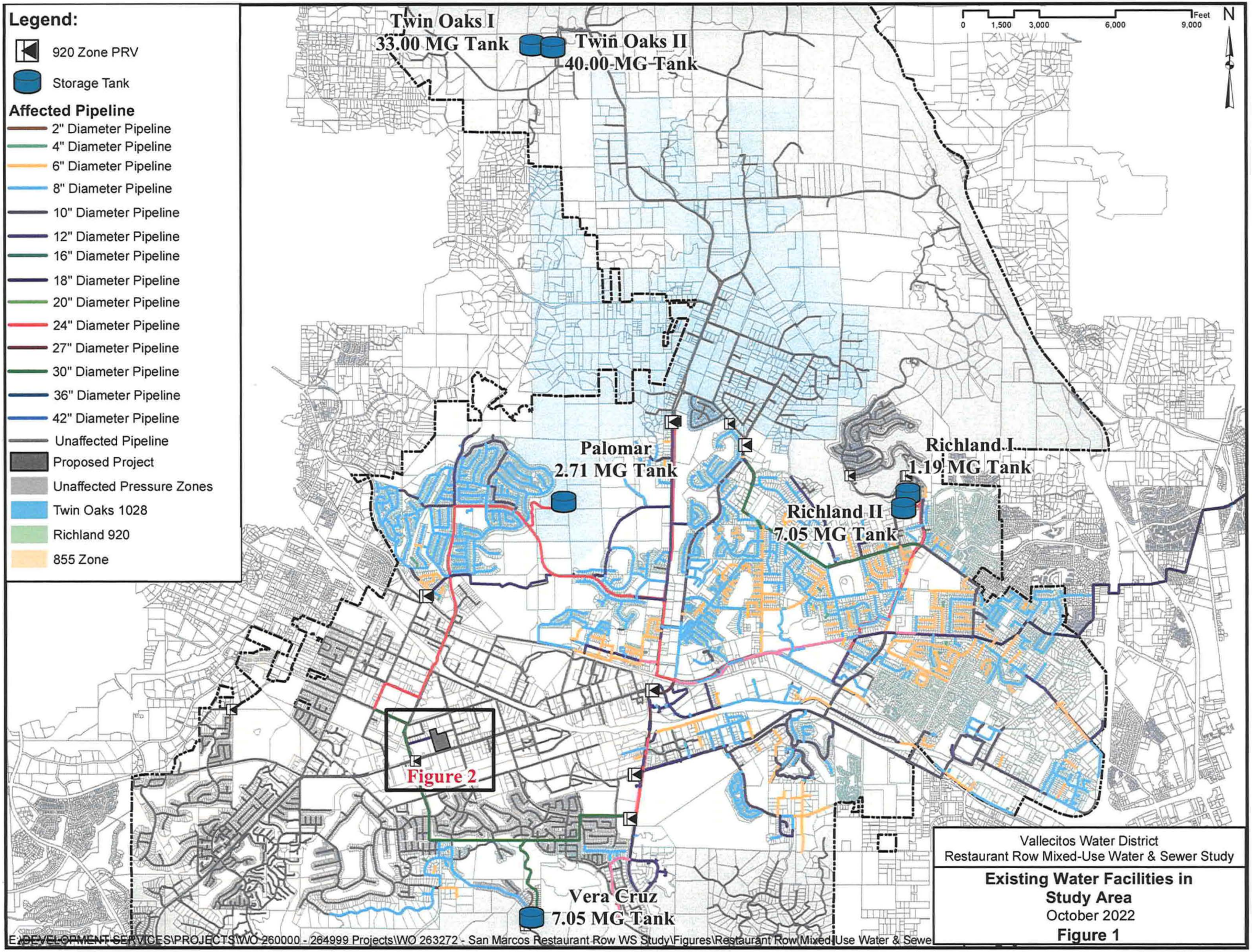
The proposed 10.52-acre Project lies completely within VWD's 855 Pressure Zone. Figures 1 and 2 show the development's location in relation to pressure zone boundaries, identify pipelines within the vicinity of the development, and identify storage reservoirs that supply the development area.

Water Demand Projections

The City of San Marcos approved land use designation for the proposed Project is Mixed-Use 1 and Light Industrial. The 2018 Master Plan based its ultimate water demand planning on Commercial & Office Space. Table 1 provides the average water demand generated both under the density planned for the 2018 Master Plan and with the proposed Project. The table shows that Restaurant Row Mixed-Use will increase the projected average water demand from the 2018 Master Plan land use by **40,860** gallons per day.

Table 1 – Project Estimated Water Demands for Restaurant Row Mixed-Use

Land Use Type	Area (acres)	Residential Units	Duty Factor (gpd/ac)	Water Demand (gpd)
2018 Master Plan Land Use Demand				
Commercial	8.89		1,500	13,335
Office Space	1.63		1,500	2,445
Total	**10.52**			**15,780**
Proposed Project Demand				
Residential 20-30 du/ac	9.08	202	6,000	54,480
Commercial	0.24		1,500	360
Park	1.20		1,500	1,800
Total	**10.52**			**56,640**
Water Demand Increase				**40,860**


Legend:
920 Zone PRV
Storage Tank
Affected Pipeline
2" Diameter Pipeline
4" Diameter Pipeline
6" Diameter Pipeline
8" Diameter Pipeline
10" Diameter Pipeline
12" Diameter Pipeline
16" Diameter Pipeline
18" Diameter Pipeline
20" Diameter Pipeline
24" Diameter Pipeline
27" Diameter Pipeline
30" Diameter Pipeline
36" Diameter Pipeline
42" Diameter Pipeline
Unaffected Pipeline
Proposed Project
Unaffected Pressure Zones
Twin Oaks 1028
Richland 920
855 Zone
Twin Oaks I
33.00 MG Tank
Twin Oaks II
40.00 MG Tank
Palomar
2.71 MG Tank
Richland I
1.19 MG Tank
Richland II
7.05 MG Tank
Vera Cruz
7.05 MG Tank
Figure 2
0 1,500 3,000 6,000 9,000 Feet
N
Vallecitos Water District
Restaurant Row Mixed-Use Water & Sewer Study
Existing Water Facilities in Study Area
October 2022
Figure 1
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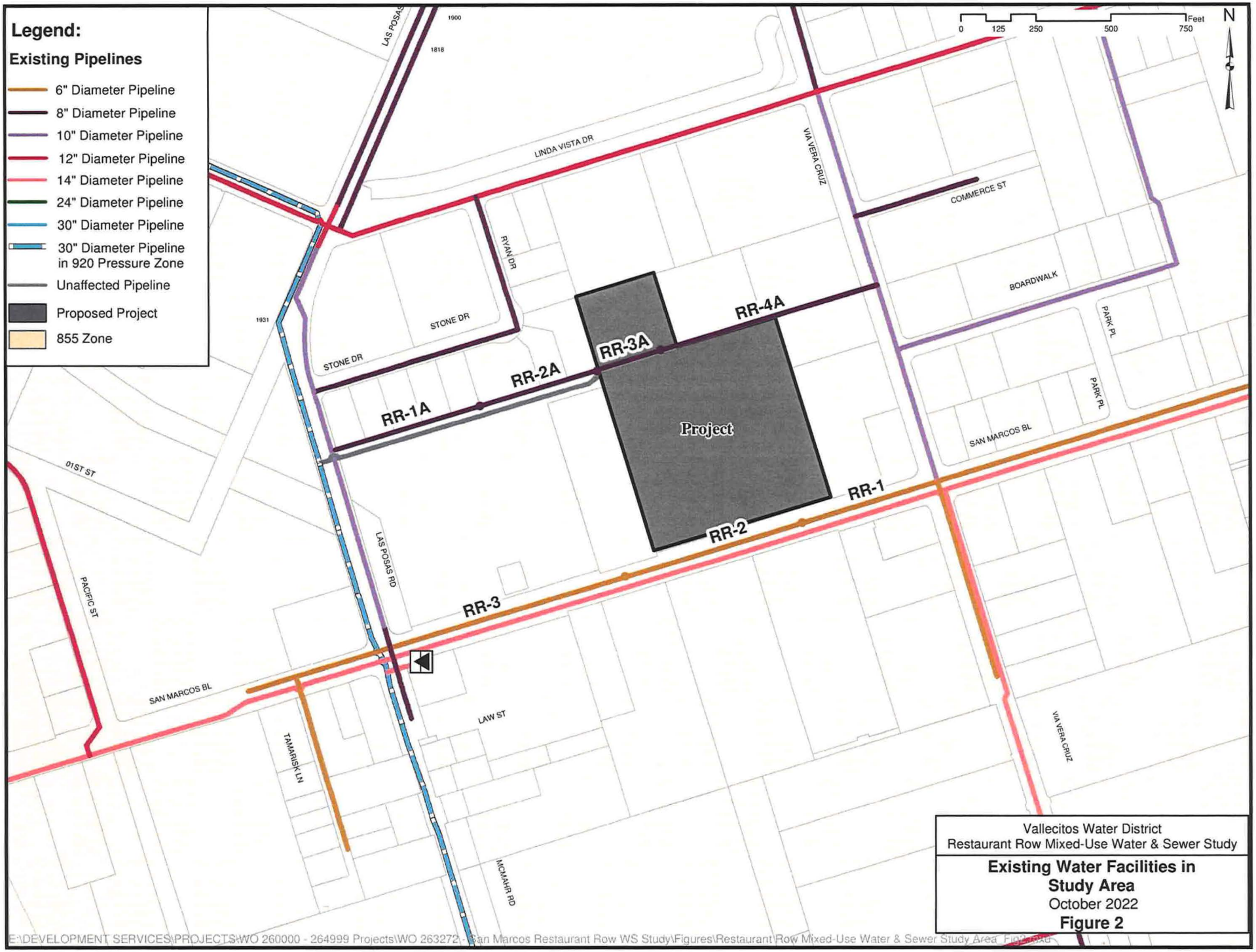

Vallecitos Water District
Restaurant Row Mixed-Use Water & Sewer Study

Existing Water Facilities in Study Area
October 2022
Figure 2

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Water Distribution System Analysis

The 2018 Master Plan water system distribution and pressure criteria are as follows:

Water Distribution Infrastructure Criteria

The water service pressure criteria to be met by this development are as follows:

- Minimum allowable pressure at peak hour demand: 40 psi
- Minimum allowable pressure at max day plus fire demand: 20 psi
- Maximum allowable pressure: 150 psi

The City of San Marcos Fire Marshall has set the required fire demand at 1,940 gpm for the Project.

To avoid excessive velocity and headloss within the distribution system, the following pipeline design criteria was also utilized:

- Maximum allowable velocity: 7 feet per second
- Maximum allowable headloss gradient: 15 feet per 1,000 feet
- Hazen-Williams C-factor: 130

Water Model Scenarios

The following scenarios were modeled to identify system impacts that may be created by the proposed water demands, and to recommend any improvements required to provide service to the Project:

- Average Day Demand with existing demands at the Project site
- Average Day Demand with the proposed Project
- Maximum Day Demand with existing demands at the Project site
- Maximum Day Demand with the proposed Project
- Peak Hour Demand with existing demands at the Project site
- Peak Hour Demand with the proposed Project
- Maximum Day Demand plus Fire Flow with existing demands at the Project site
- Maximum Day Demand plus Fire Flow with the proposed Project

Per the 2018 Master Plan, maximum day demands for this project are 300% those of average day demands, and peak hour demands are 620% those of average day demands.

Water Model Results

Modeling focused on the infrastructure in the direct vicinity of the Project. An existing 6-inch water main and existing 14-inch water main are in San Marcos Boulevard along the Project frontage. There is also an existing 12-inch water main along the Alley Way on the north end of the property within the Vallecitos easement, as well as an existing 8-inch water main in the Alley Way that connects to Via Vera Cruz. Both the 14-inch and 12-inch water mains are in the 920-pressure zone and are not available for new service connections. Both mains are transmission lines. This study analyzed two options for water service to the Project.

Option 1 assumes that all water services to the site will be connected to the 6-inch water main in San Marcos Boulevard as shown in Figure 2. The model found that the Project did not create any distribution system deficiencies under average day demand but did under maximum day plus fire flow demand conditions as shown in Table 2 below. This would require upsizing the existing 6-inch main in San Marcos Boulevard to 10-inch main and all meter locations and backflows to be designed and installed per District Standards.

Table 2 – Option 1– Potable Water Pipeline Results under Maximum Day Demand plus Fire Flow Conditions

Pipe ID Number	Length (ft)	Existing Pipe Diameter (in)	Velocity under Average Day Demand (ft/s)	Velocity under Maximum Day + Fire Flow (ft/s) (Ex. Pipe Diameter)	Upsized Pipe Diameter (in)	Velocity under Maximum Day + Fire Flow w/ Upsized Pipe Diameter (ft/s)
RR-1	530	6	0.53	**12.62**	**10**	4.96
RR-2	456	6	0.53	**11.48**	**10**	4.55
RR-3	944	6	0.53	**7.59**	**10**	4.06

Option 2 assumes that all water services to the site will be connected to a new 10-inch water main installed north of the project site in Alley Way and upsize existing facilities to 10-inch as shown in Figure 2. The model found that the Project did not create any distribution system deficiencies under average day demand but did under maximum day plus fire flow demand conditions as shown in Table 3 below.

Table 3 – Option 2– Potable Water Pipeline Results under Maximum Day Demand plus Fire Flow Conditions

Pipe ID Number	Length (ft)	Proposed & Ex. Pipe Diameter (in)	Velocity under Average Day Demand (ft/s)	Velocity under Maximum Day + Fire Flow (ft/s) (Ex. Pipe Diameter)	Upsized Pipe Diameter (in)	Velocity under Maximum Day + Fire Flow w/ Upsized Pipe (ft/s)
RR-1A	652	10	0.33	4.72	-	-
RR-2A	272	10	0.43	4.72	-	-
RR-3A	264	10	0.46	4.08	-	-
RR-4A	714	Ex. 8	0.65	7.74	10	5.97

Water Storage Analysis

The 2018 Master Plan outlines VWD's potable water storage reservoirs for each pressure zone as follows:

> 1.5 times ADD (operational storage) + 3.0 times ADD (emergency storage) + fire flow demand = 4.5 times ADD + fire flow demand
>
> OR
>
> 5.0 times ADD, whichever is greater.

The Project is located entirely within the VWD 855 pressure zone. Water storage for this zone is located within the 920 zone and 1028 Twin Oaks pressure zones, as shown in Figure 1. Table 4 shows the required storage in the 855, 920, and 1028 Twin Oaks pressure zones for existing and ultimate build-out (Master Plan) conditions relative to the existing storage provided within each zone.

Table 4 – Existing Reservoir Storage Capacity and Requirements

Pressure Zone	Existing ADD (MGD)	Existing Storage Requirement (MG)	Ultimate ADD (MGD)	Ultimate Storage Requirement (MG)	Existing Storage Available (MG)
855	3.74	50.05	6.79	101.25	0
920	5.61		10.40		18
1028 Twin Oaks	0.66		3.06		73
Totals	10.01	**50.05**	20.25	**101.25**	**91**

The Project will increase the projected average water demand by approximately 40,860 gallons per day as shown in Table 1.

The amount of additional reservoir storage required is 500% of the development's average day demand or:

40,860 gallons * 500% = 204,300 gallons

The analysis finds that water storage capacity is currently available to serve the Project's increased storage requirements. Master Plan projects address and accommodate the ultimate build-out storage deficiency and Water Capital Facility Fees paid by this project will be used for the increase in storage necessitated by the Project's demand calculated above.

Water Pump Station Analysis

Since the proposed Project is located in a pressure zone that is not served by pumping, there are no impacts to existing or proposed pump stations by this Project.

WASTEWATER SYSTEM ANALYSIS

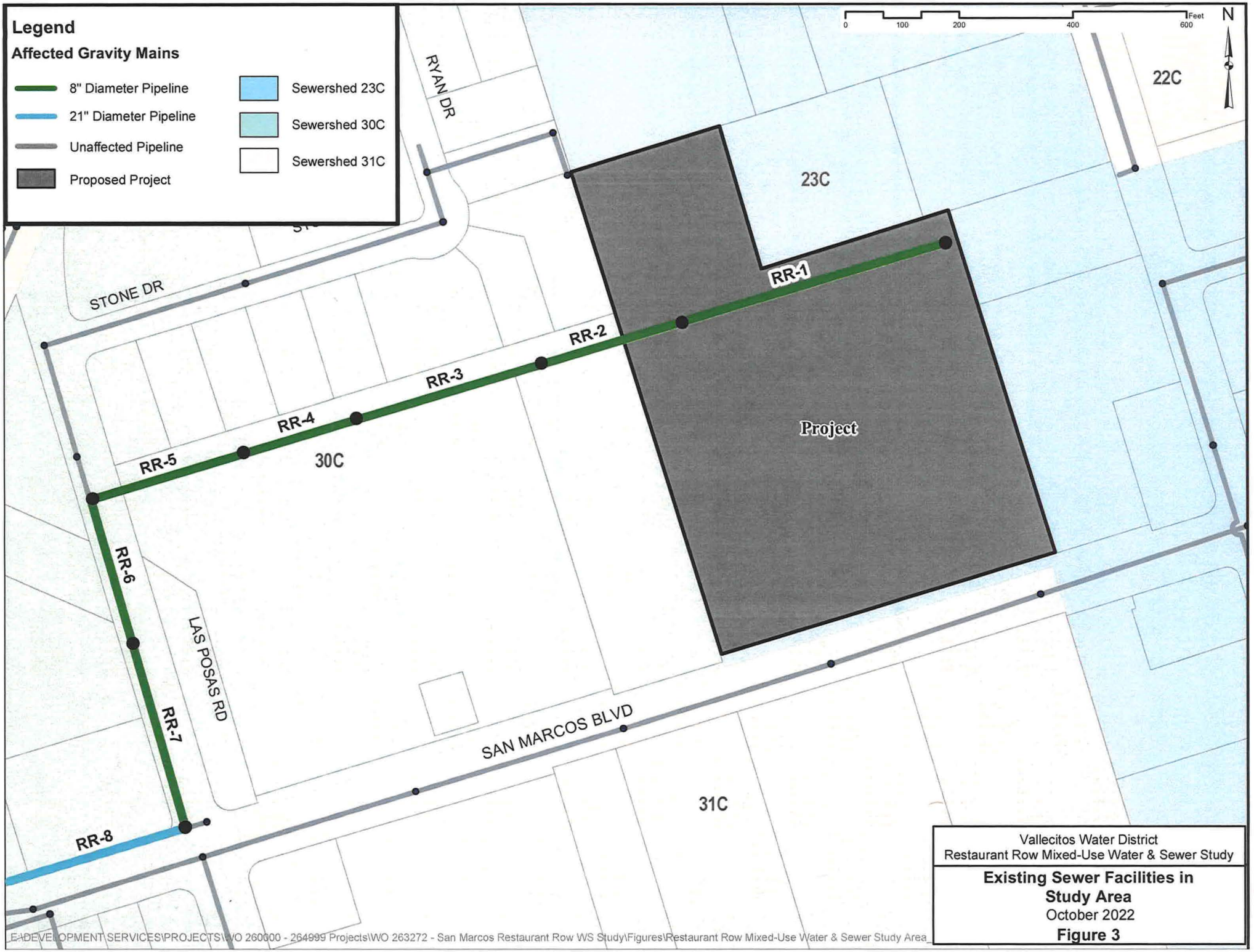
The proposed 10.52-acre Project lies completely within VWD sewer shed 30C. Figures 3 and 4 shows the development's location in relation to sewer shed boundaries, identify wastewater infrastructure within the vicinity of the development, and identify the downstream collection infrastructure that will be impacted by the development.

Wastewater Flow Projections

The City of San Marcos' approved land use designation for the proposed Project is Mixed-Use 1 and Light Industrial. The 2018 Master Plan based its ultimate wastewater generation planning on Commercial and Office Space. Table 5 provides the average wastewater flow generated both under the density planned for the 2018 Master Plan and with the proposed Project. The table shows that the Restaurant Row Mixed-Use project will increase the projected average wastewater generation from the 2018 Master Plan land use by **28,824** gallons per day.

Table 5 – Project Estimated Wastewater Flows for Restaurant Row Mixed-Use

Land Use Type	Area (acres)	Residential Units	Duty Factor (gpd/ac)	Wastewater Flow (gpd)
2018 Master Plan Land Use Flows				
Commercial	**8.89**		1,200	10,668
Office Space	**1.63**		1,200	1,956
Total	**10.52**			**12,624**
Proposed Project Demand				
Residential 20-30 du/ac	9.08	202	4,500	40,860
Commercial	0.24		1,200	288
Park	1.20		250	300
Total	**10.52**			**41,448**
Sewer Generation Increase				**28,824**



Vallecitos Water District
Restaurant Row Mixed-Use Water & Sewer Study

Existing Sewer Facilities in Study Area

October 2022

Figure 3

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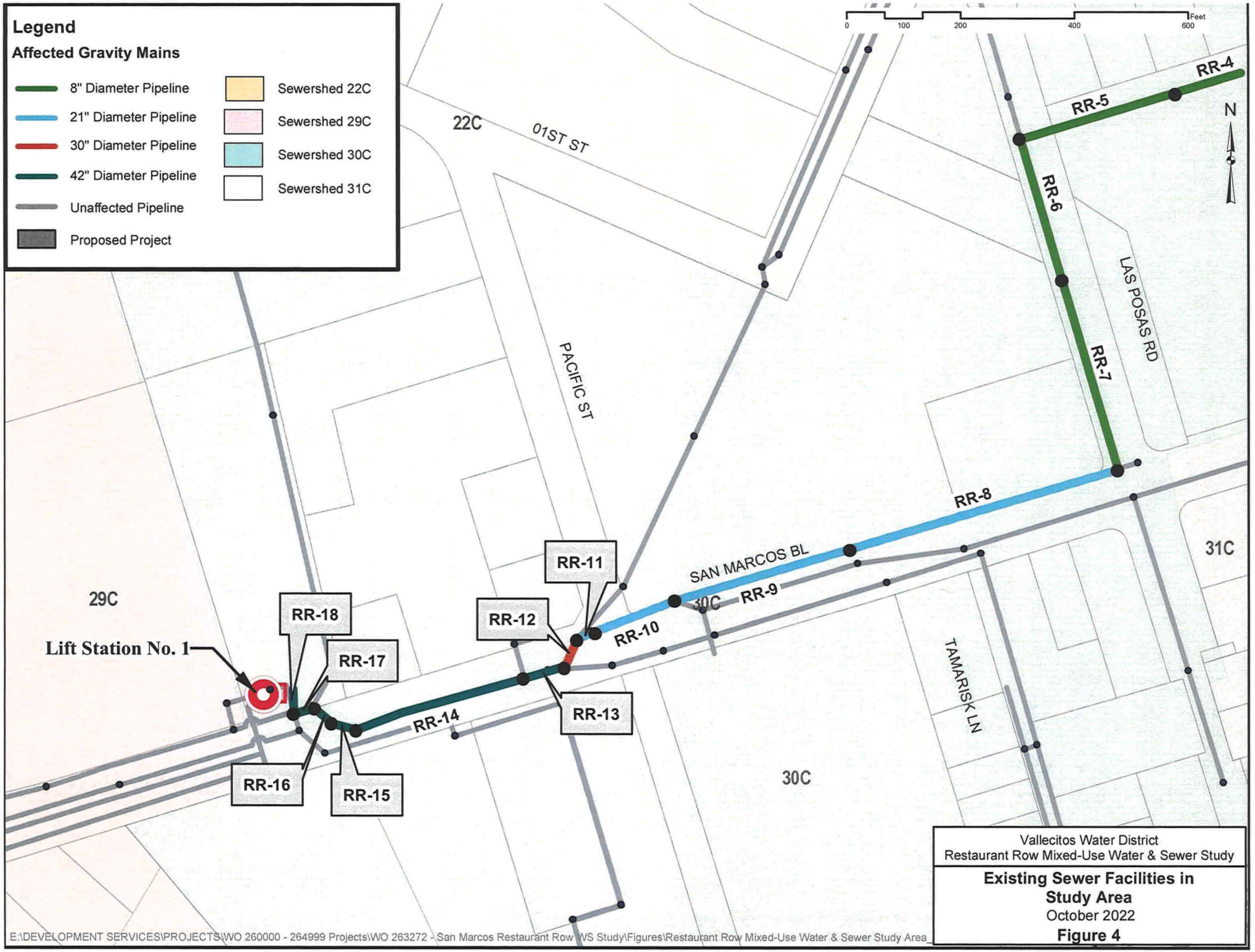
Legend
Affected Gravity Mains
8" Diameter Pipeline
21" Diameter Pipeline
30" Diameter Pipeline
42" Diameter Pipeline
Unaffected Pipeline
Proposed Project
Sewershed 22C
Sewershed 29C
Sewershed 30C
Sewershed 31C
0
100
200
400
600
Feet
N
22C
01ST ST
PACIFIC ST
LAS POSAS RD
TAMARISK LN
SAN MARCOS BL
29C
30C
31C
Lift Station No. 1
RR-4
RR-5
RR-6
RR-7
RR-8
RR-9
RR-10
RR-11
RR-12
RR-13
RR-14
RR-15
RR-16
RR-17
RR-18
Vallecitos Water District
Restaurant Row Mixed-Use Water & Sewer Study
Existing Sewer Facilities in Study Area
October 2022
Figure 4
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Wastewater Collection System Analysis

The 2018 Master Plan outlines VWD's wastewater system design criteria which are as follows:

Wastewater Collection Infrastructure Criteria

The wastewater pipeline criteria to be met both within and downstream of the development are as follows:

- Pipes 12 inches in diameter and smaller: ½ full maximum at peak flow
- Pipes over 12 inches in diameter: ¾ full maximum at peak flow
- Minimum velocity: 2 feet per second
- Maximum velocity: 10 feet per second
- Manning's n for gravity pipes: .013
- Hazen-Williams C-factor for force mains/siphons: 120
- Slope for pipes 8 inches in diameter and smaller: 0.4% minimum
- Slope for pipes over 8 inches in diameter: to be determined by VWD

When flow depth in gravity pipes exceeds maximum levels as stated above, a pipe upsize will be specified.

Wastewater Model Scenarios

The following scenarios were modeled to identify system impacts that may be created by the proposed sewer generation, and to recommend any improvements required to provide service to the Project:

- Average Dry Weather Flow with existing flows at the Project site
- Average Dry Weather Flow with the proposed Project
- Peak Dry Weather Flow with existing flows at the Project site
- Peak Dry Weather Flow with the proposed Project
- Peak Wet Weather Flow with existing flows at the Project site
- Peak Wet Weather Flow with the proposed Project

The peak dry weather curve is:

$$\text{Peak Dry Weather Factor} = 2.16 \times (\text{Average Dry Weather Flow Rate})^{-0.1618}$$

The wet weather peak curve is:

$$\text{Peak Wet Weather Factor} = 2.78 \times (\text{Average Dry Weather Flow Rate})^{-0.087}$$

Wastewater Model Results

Modeling focused not only on the sewer collection infrastructure in the direct vicinity of the Project, but also on all downstream infrastructure from the development to Lift Station No. 1 on San Marcos Boulevard that would be impacted by the Project flows (see Figures 3 through 4).

Table 6 presents a summary of the modeling results from this analysis. The modeling results showed that no deficiencies were identified under the currently approved density under peak wet weather flows during ultimate build-out conditions.

Due to the extensive upgrades required to provide service to the project from facilities located in San Marcos Boulevard and the District's desire to remove flows from the already burdened sewer facilities, the District's preference is to extend future sewer facilities on the north end of the project property in the Alley Way within the Vallecitos easement.

Restaurant Row Mixed-Use Table 4 - Wastewater Model Results and Recommended Gravity Main Improvements

				Wastewater Flows with Existing Density				Wastewater Flows with Proposed Density			
Pipe ID Number	Length (ft)	Diameter (in)	Slope	Peak Wet Weather Flow (gpm)	PWWF Depth-to-Diamter Ratio	Replacement Diamater (in)	Replacement PWWF Depth-to-Diamater Ratio	Peak Wet Weather Flow (gpm)	PWWF Depth-to-Diamter Ratio	Replacement Diameter (In)	Replacement PWWF Depth-to-Diamater Ratio
RR-1	548	8	0.0040	0	0.00			81	0.34		
RR-2	93	8	0.0040	0	0.00			81	0.34		
RR-3	300	8	0.0040	0	0.00			81	0.34		
RR-4	300	8	0.0080	0	0.00			81	0.28		
RR-5	300	8	0.0080	0	0.00			81	0.28		
RR-6	317	8	0.0040	20	0.17			101	0.38		
RR-7	350	8	0.0120	22	0.14			103	0.29		
RR-8	486	21	0.0040	28	0.06			109	0.11		
RR-9	500	21	0.0040	29	0.06			110	0.11		
RR-10	84	21	0.0080	490	0.19			571	0.21		
RR-11	20	21	0.0130	492	0.17			573	0.19		
RR-12	15	30	0.0470	4,168	0.22			4,249	0.23		
RR-13	138	42	0.0400	9,880	0.23			9,961	0.23		
RR-14	347	42	0.0010	9,889	0.62			9,970	0.62		
RR-15	18	42	0.0030	9,891	0.44			9,972	0.45		
RR-16	10	42	0.0030	9,893	0.44			9,974	0.45		
RR-17	10	42	0.0010	10,080	0.62			10,161	0.63		
RR-18	73	42	0.0040	10,647	0.43			10,728	0.43		

PROPOSED DENSITY: **81** **GPM**

Wastewater Lift Station Analysis

Lift stations are sized for peak wet weather flow with manufacturer's recommended cycling times for pumping equipment. Since the proposed Project is not located in a sewer shed that is served by a lift station, there are no lift station upgrade requirements for this project.

Parallel Land Outfall Analysis

VWD's existing land outfall is shown in Figure 5. The outfall is approximately 8 miles in length and consists of 4 gravity pipeline sections and 3 siphon sections varying in diameter from 20 inches to 54 inches. VWD maintains the entire pipeline from Lift Station No. 1 to the Encina Water Pollution Control Facility (EWPCF). From Lift Station No. 1 to El Camino Real, VWD is the sole user of this pipeline. From El Camino Real to the EWPCF, the ownership capacity is as shown in Table 7 below:

Table 7 – Land Outfall Capacity Ownership by Agency

Agency	Ownership Percentage	Capacity (MGD)
Carlsbad	23.98%	5.00
Vista	17.99%	3.75
VWD	58.03%	12.10
Totals	**100.00%**	**20.85**

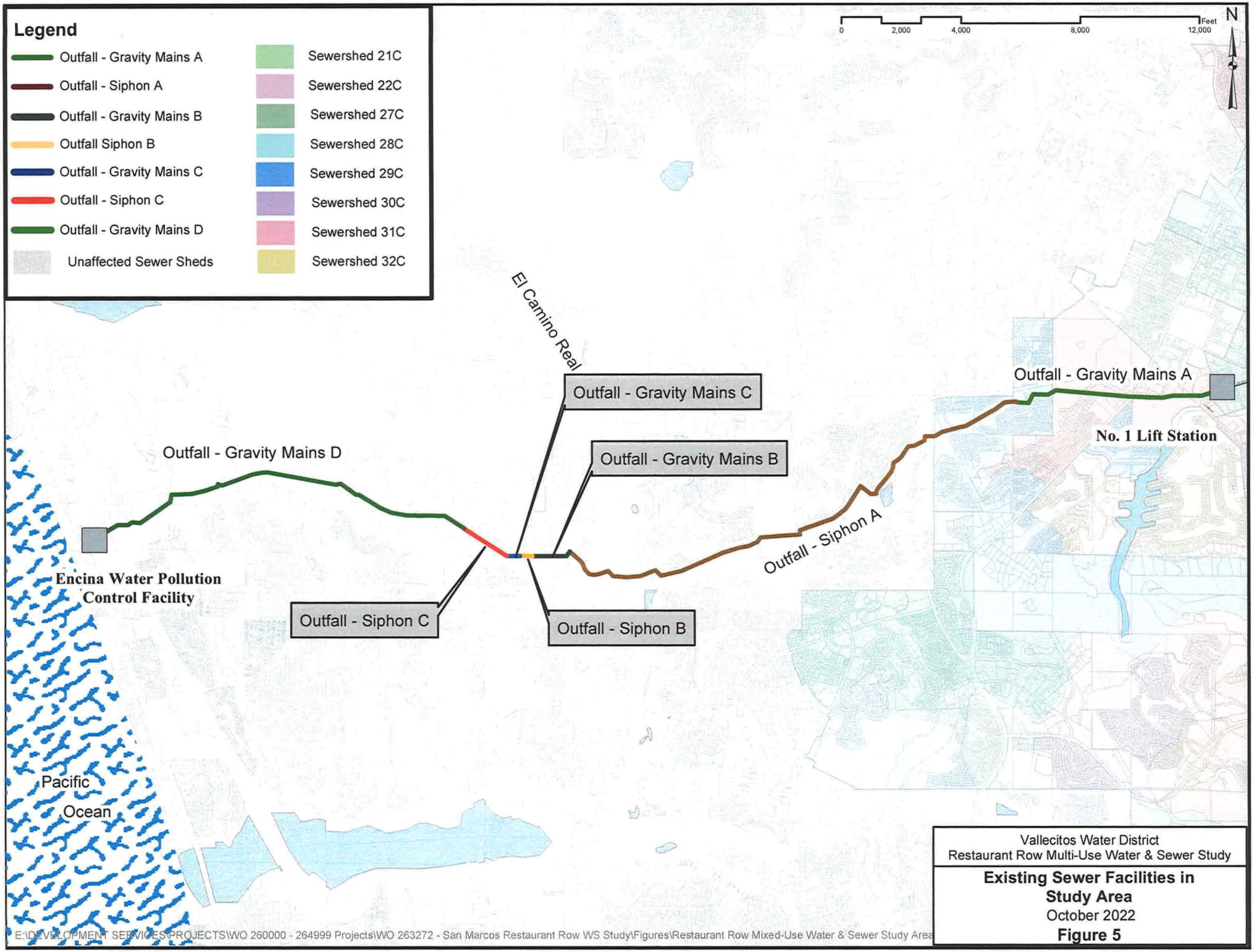
The Meadowlark Water Reclamation Facility (MRF) has a capacity of 5.0 MGD with a peak wet weather capacity of 8.0 MGD. Therefore, VWD has a combined peak wet weather wastewater collection capacity of 20.10 MGD (12.10 MGD + 8.0 MGD).

VWD's 2014 average daily wastewater flow through the land outfall was 7.5 MGD. This corresponds to a peak wet weather flow of 17.5 MGD, which falls within VWD's combined peak wet weather collection capacity.

The 2018 Master Plan estimated that, under approved land uses, VWD has an ultimate build-out average dry weather flow of 14.4 MGD. This corresponds to a peak wet weather flow of 31.7 MGD, which exceeds VWD's combined peak wet weather collection capacity. To accommodate additional wastewater flows from planned development, the 2018 Master Plan recommended conveyance of peak flows to the EWPCF through a parallel land outfall.

The Project proposes to generate **28,824** gallons per day of additional average wastewater flow that was not accounted for in the Land Outfall's capacity studied in the 2018 Master Plan.

The analysis finds that outfall capacity is currently available to serve the Project's proposed wastewater generation. Wastewater Capital Facility Fees paid by this Project will be used toward design and construction of a parallel land outfall to be sized to accommodate ultimate build-out wastewater flows.


Legend
Outfall - Gravity Mains A
Outfall - Siphon A
Outfall - Gravity Mains B
Outfall Siphon B
Outfall - Gravity Mains C
Outfall - Siphon C
Outfall - Gravity Mains D
Unaffected Sewer Sheds
Sewershed 21C
Sewershed 22C
Sewershed 27C
Sewershed 28C
Sewershed 29C
Sewershed 30C
Sewershed 31C
Sewershed 32C
0
2,000
4,000
8,000
12,000
Feet
N
El Camino Real
Outfall - Gravity Mains C
Outfall - Gravity Mains B
Outfall - Gravity Mains A
No. 1 Lift Station
Outfall - Gravity Mains D
Outfall - Siphon A
Encina Water Pollution Control Facility
Outfall - Siphon C
Outfall - Siphon B
Pacific Ocean
Vallecitos Water District
Restaurant Row Multi-Use Water & Sewer Study
Existing Sewer Facilities in Study Area
October 2022
Figure 5
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Wastewater Treatment Facility Analysis

VWD utilizes two wastewater treatment facilities to treat wastewater collected within its sewer service area.

- The Meadowlark Reclamation Facility (MRF) has liquids treatment capacity of up to 5.0 MGD with a peak wet weather capacity of 8.0 MGD. MRF does not have solids treatment capacity, and therefore all solids are treated at the Encina Water Pollution Control Facility (EWPCF).
- The EWPCF is located in the City of Carlsbad. This is a regional facility with treatment capacity of up to 40.51 MGD. VWD's current ownership capacity is noted below.

Solids Treatment Capacity
VWD currently owns 10.47 MGD of solids treatment capacity at EWPCF. VWD's 2014 average daily wastewater flow was 7.5 MGD. Therefore, the analysis finds that adequate solids treatment capacity exists at this time to serve the Project.

The ultimate average wastewater flow identified in the 2018 Master Plan is 14.4 MGD, resulting in a projected solids treatment capacity deficiency of 3.93 MGD. Wastewater Capital Facility Fees paid by this Project will be used towards the deficiency to accommodate the solid treatment capacity wastewater flow.

Liquids Treatment Capacity
VWD currently owns 7.67 MGD of liquids treatment capacity at the EWPCF in addition to the liquid's treatment capacity of 5.0 MGD at MRF for a total of 12.67 MGD of liquids treatment capacity. VWD's 2014 average daily wastewater flow was 7.5 MGD. Therefore, the analysis finds that adequate liquids treatment capacity exists at this time to serve the Project.

The ultimate average wastewater flow identified in the 2018 Master Plan is 14.4 MGD, resulting in a projected liquids treatment capacity deficiency of 1.73 MGD. Wastewater Capital Facility Fees paid by this Project will be used towards the deficiency to accommodate the ultimate average wastewater flow.

Ocean Disposal Capacity
VWD currently owns 10.47 MGD of ocean disposal capacity at the EWPCF. VWD's 2014 average daily wastewater flow was 7.5 MGD. Therefore, the analysis finds that adequate ocean disposal capacity exists at this time to serve the Project.

The ultimate average wastewater flow identified in the 2018 Master Plan is 14.4 MGD, resulting in an ocean disposal deficiency of 3.93 MGD. Wastewater Capital Facility Fees paid by this Project will be used towards the deficiency to accommodate the ocean disposal wastewater flow.

The District has determined that adequate wastewater treatment and disposal capacity exists for the proposed Project at this time subject to the qualifications referenced in the Conclusions and Conditions.

CONCLUSION AND CONDITIONS

The proposed Restaurant Row Mixed-Use Project is expected to increase average daily water demands by 40,860 gallons per day and wastewater flows by 28,824 gallons per day over the ultimate flows projected in the 2018 Master Plan.

The study concludes that the proposed development will result in the following impacts:

- An increase of 40,860 gallons per day in water demand for proposed project.
- An increase of 204,300 gallons of potable water storage requirement.
- An increase of 28,824 gallons per day in solids handling, liquids handling and ocean disposal capacity requirements at Encina Water Pollution Control Facility.
- An increase of 28,824 gallons per day in the parallel land outfall's capacity requirement.

The following items are required for providing service to the proposed Project:

- Construct approx. 1,541 feet of 8-inch PVC sewer main into the project site in the Alley Way (RR-1 through RR-5).
- Construct approx. 1,188 feet of new 10-inch PVC water main into the project site (Option 2: RR-1A through RR-3A) and replace approx. 714 feet of existing 8-inch ACP water main with new 10-inch PVC water main in the Alley Way (RR-4A). Or connect to San Marcos Boulevard, by replacing existing 6-inch water main and upsizing approx. 1,930 feet to 10-inch water main (Option 1: RR-1 through RR-3).
- Payment of all applicable Water and Wastewater Capital Facility Fees in affect at the time service is committed in accordance with District rules and regulations.
- Construction and Board acceptance of all on-site and off-site water and sewer facilities prior to service.

The District currently has water and sewer capacity available to serve the Project as proposed with the conditions herein addressed by the Developer. However, the ability to provide water and sewer service in the future depends upon ultimate build-out of the Project and could change depending upon the timing of the build-out, as well as build-outs of other development projects, continued reliable water supplies from the San Diego County Water Authority, the District's treatment capacity at the EWPCF and other factors affecting growth in the District which may change over time.

This Study is based on the current adopted land use utilized in VWD's 2018 Master Plan. The study addresses the incremental facility impacts of this Project only and does not include or consider any additional projects within VWD's service area that have deviated from adopted Master Plan land uses. Any land use changes upstream and/or downstream of the Study area may necessitate a revision of any onsite and offsite studies. VWD shall determine if and when revisions to the Study are necessary. Costs for revising this Study shall be borne by the Developer. The results of this study are not the accepted conditions for the development, final conditions shall be part of the construction agreement process or issued separately by the District.

Appendix L
Fire Response Technical Memorandum

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ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

FIRE RESPONSE TECHNICAL MEMORANDUM

To:	
From:	Dudek Fire Protection Planning Team, Michael Huff, Principal
Subject:	San Marcos Restaurant Row Fire and Medical Response Analysis
Date:	July 7, 2023
cc:	N/A
Attachment(s):	1. San Marcos Fire Department Fire Station 1 Modeled Response Time 2. San Marcos Fire Department Fire Station 2 Modeled Response Time

The following technical memorandum provides a summary of Dudek's fire service response analysis for the San Marcos Restaurant Row Project (Project) in San Marcos, California. This letter provides a preliminary summary of the existing San Marcos Fire Department's (SMFD) nearby resources, their modeled travel time responses into the Project, and their existing call volumes. The goal is to determine the potential impact of the Project on the SMFD.

1 Assignment

Dudek's assignment was to:

- Conduct evaluation of existing, nearby SMFD fire station travel times to the project site;
- Acquire existing call volumes for nearby stations to determine their current work load;
- Analyze generated information to determine if any of the Project site cannot be reached within the City's response time goal; and
- Analyze call volume information to determine if the Project's projected call load would significantly impact the ability of existing stations to provide response to the Project.

2 Project Description

The proposed Project is the development of a vacant 10.5-acre site located west of the intersection of W. San Marcos Boulevard and Via Vera Cruz in the western central region of the City of San Marcos, California (Figure 1, Project Location). The approximately 10.5-acre project site is located at the northwest corner of West San Marcos Boulevard and Via Vera Cruz in the City of San Marcos (1020 West San Marcos Boulevard; APNs 219-200-45-00, 219-200-31-00, and 219-200-30-00). The property is zoned Mixed-Use 1 (MU-1) on two parcels, and Light Industrial (L-1) on one parcel.

The project would include development of 202 residential units and 10,400 sf of commercial retail uses on the 10.5-acre site. Open space amenities would be located in the northeastern portion of the project site, and commercial uses would be placed along the southern and eastern project boundaries. A total of 501 parking spaces would be provided. Primary project access would be via West San Marcos Boulevard at the project's southern boundary.

The Project is located within the jurisdiction of the SMFD. The fire department provides structural fire protection and advanced life support-level emergency medical services within the City limits; unincorporated territory adjacent to the city's northern boundary (Project Area); discontinuous, unincorporated areas between the City of San Marcos and the City of Escondido; and the community of Lake San Marcos. The fire department operates two Fire Stations (Stations 1 and 2) that would respond to an incident at the proposed Project site, with primary response likely from Station 1 given its closer location and greater coverage in a faster timeframe. Station 2 would respond as necessary and also provides fast response to all units. Table 1 presents a summary of the location, equipment, and staffing levels for the two SMFD stations responding to the site.

Table 1
SMFD Responding Fire Stations Summary

Fire Station	Location	Equipment	Staffing
Station 1	180 W. Mission Road San Marcos, California 92069	Paramedic Engine Co. Paramedic Truck Co. Wildland Fire Engine Paramedic Ambulance Battalion Chief Vehicle	On duty: 9
Station 2	1250 S. Rancho Santa Fe Rd San Marcos, California 92069	Paramedic Engine Co. Paramedic Ambulance	On-duty: 5

3 Methods

3.1 Travel Time Response Modeling

Dudek conducted a GIS-based travel time coverage modeling effort in order to determine if the project meets the SMFD's response goal. The SMFD indicates "the average initial total response standard in the City of San Marcos is to arrive within seven minutes for 90% of the emergency calls received, and within 10 minutes for 90% of the non-emergency calls received[1]."

[1] 2021 Call volume, response standard, and fire station statistics provided by Jason Nailon, SMFD Fire Marshal, via e-mail communication. 2021

Travel time is one part of the overall response time and is based largely on the distance from the fire station to the project. The analysis that follows evaluates travel time and assumes the dispatch and turnout times as a constant i.e., 2 minutes and 30 seconds, total.

3.2 GIS Response Travel Time Modeling

Following compilation of all necessary data layers received from project applicant and acquired via publicly available sources, Dudek verified that all data layers were in the correct State Plane Zone coordinate system with units in feet. A network data set was then created utilizing ESRI's Network Analyst extension in the Arc Catalog module. The data set was created by merging the existing centerline street layer with the proposed San Marcos Restaurant Row Project centerline street data, provided by project applicants, and assigning parameters to the created data set. Several parameters are available during the creation of a network data set and include elevation constraints, U-turn capabilities, curb approach direction and travel impedance.

Due to the emergency nature of the response scenarios modeled in this analysis, U-turns were permitted on every road. Curb approach determines on which side of the street the vehicle needs to approach and includes three options, left, right, or either. The 'either' option was selected for all roads in this analysis based on the emergency nature of the response situations. Finally, travel impedance was utilized to include the effect of speed limits on response travel time. A custom impedance value was created for each road segment and was a function of road segment distance (miles) divided by speed (mph). This value was utilized in Network Analyst calculations for both modeling types and reflected the time necessary for a vehicle to cover the distance of the road segment. Speed was set at 35 mph, consistent with National Fire Protection Association (NFPA) 1142 Table C.11(b) and the Insurance Services Office (ISO) travel time formula (T=0.65 +1.7D).

Once the network data set parameters were finalized, the route analysis was run using the Network Analyst extension in ArcGIS 10.2.2. This function determines the best route between a minimum of two points based on the parameters chosen. The analysis includes response from SMFD Fire Stations 1 and 2, which are the closest stations to the Project. A route analysis procedure was then run using Network Analyst with each respective fire station as the starting point, and a remote location within the Project as the destination. The maps depicting each Station travel time coverage area are presented in Attachments 1 and 2.

3.3 Modeling Results

As indicated in Table 2 and Attachments 1 and 2, response to the project site from the closest existing SMFD fire station (Station 1) would arrive at the Project's primary entrance off W. San Marcos Boulevard within 3 minutes, 45 seconds travel time (6 minutes 15 seconds total response time). The most remote units within the Project are reached within 4 minutes 04 seconds travel time, or 6 minutes 34 seconds total response time. This analysis indicates that the entire Project is within the SMFD's internal response timeframes with up to 24 seconds of additional time available. This analysis also indicates that there is redundancy in response capability of meeting the internal response standard. Station 2 can also respond within SMFD's seven minute total response goal to an estimated 100% of the project site. Although slightly further away, Station 2 would have travel times of 3 minutes 50 seconds to 4 minutes 10 seconds and total response times ranging from 6 minutes 20 seconds to 6 minutes 40 seconds.

Table 2
SMFD Fire Station Response Time to Project

Call Response Times	Estimated Percent of San Marcos Restaurant Row Project Achievable			
	Fire Station 1		*Fire Station 2*	
	Travel Time	*Total Response Time*	*Travel Time*	*Total Response Time*
Less than 7 minutes	100%	100%	100%	100%

3.4 Response Time Capability Assessment

The Project includes a substantial number of new residential structures. Service level requirements could, in the absence of fire facilities and resources improvements, cause a decline in the SMFD response times and capabilities for existing residents. However, it is clear that from a response time perspective, the project does comply with the City's total response time standard.

4 Call Volume Analysis

4.1 Estimated Calls and Demand for Service from the Project

The SMFD estimates approximately 11,486 total annual calls (Nailon, J. 2021) and a City population of approximately 95,000 (SMFD 2021). The per capita call volume is roughly .12 for the City of San Marcos. The Project plans for 202 new dwelling units, including 2, 3, and 4 bedroom units. As a conservative approach, this analysis assumes a per dwelling unit population of 4 persons per unit.

A population of 808 persons would generate approximately 97 calls per year, most of which are expected to be medical-related calls, consistent with typical emergency call statistics.

The closest SMFD fire stations, Stations 1 and 2 currently responds to roughly 16 to 18 calls per day (up to 6,570 calls per year) in their primary service areas. These are busy fire stations and adding calls can cumulatively create an impact and result in longer response times or stacked calls requiring assistance from more distant fire stations. It is anticipated that the Project's contributions, along with other projects' contributions to fire service and availability fees through property taxes and/or other avenues provide funding needed to augment service capabilities such that an impact is not experienced. Despite the current busy call load, an addition of 97 calls per year, or 1 call every 3.5 days, is not expected to significantly impact service level requirements given the measures that can be implemented by SMFD with provided ongoing funding from new development.

5 Discussion and findings

5.1 Emergency Response

As presented, both Stations 1 and 2 are well-within the City's time response goal for first-in fire engine and medic ambulance to the entire Project site.

5.2 Call Volume/Load

The Project would generate emergency calls, primarily medical, proportionally with its population. At build out, there may be as many as 97 calls per year generated by the on-site population. The addition of one call per 3.5 days or 0.28 calls per day to a station that is currently running approximately 17 to 18 calls per day is not considered a significant increase. Based on the information provided by SMFD, the Project's additional call volume should not cause a significant stress on the response capabilities. However, SMFD would make the final determination, based on specific fire station call volumes (which were not provided for this analysis), whether the station would incur delayed response times or an increase in call volume that could not be absorbed.

6 Recommendations

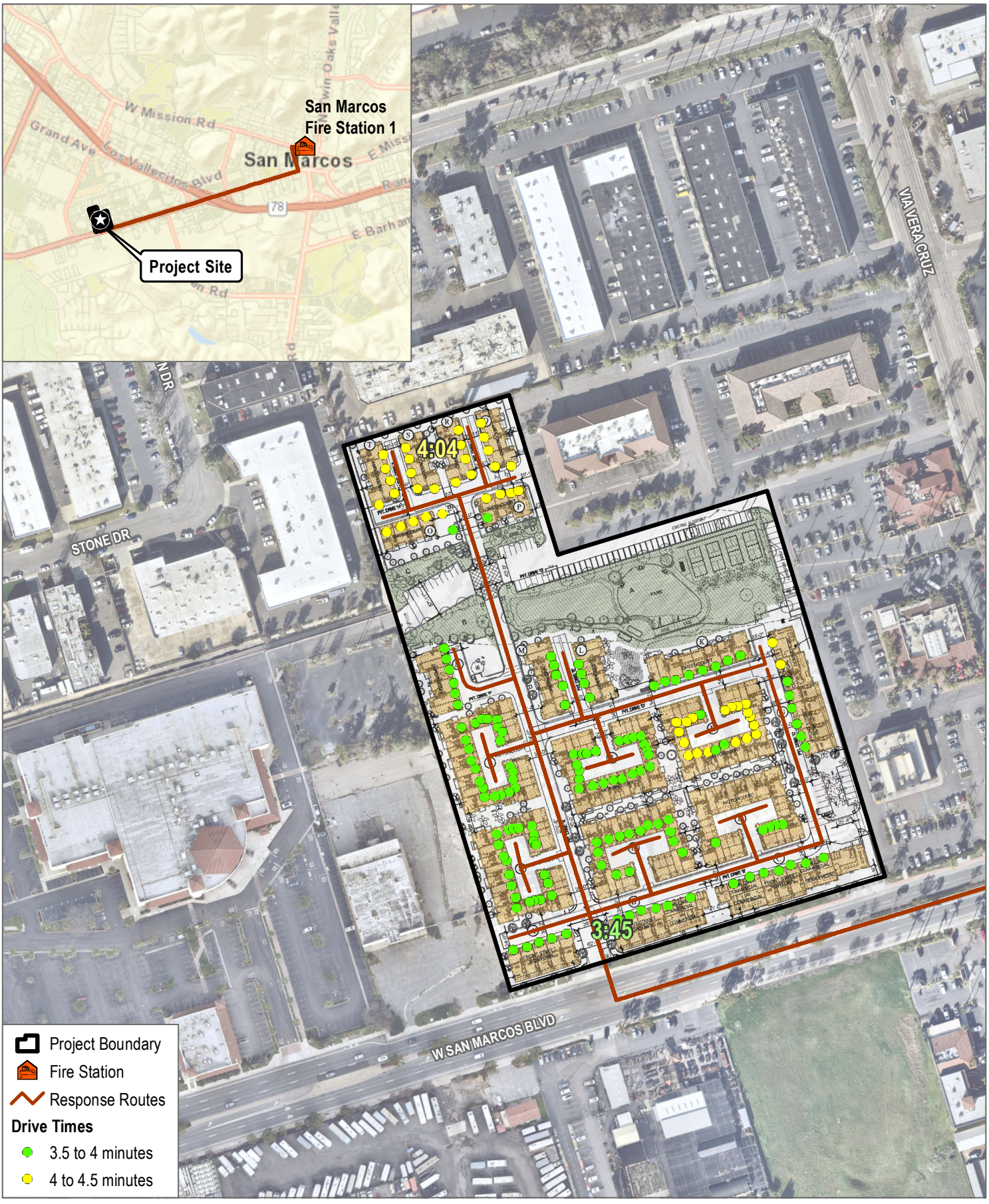
The following Recommendation is provided based on the preceding analysis:

It is recommended that SMFD provide emergency response to the proposed Project from Stations 1 and or 2. Factors supporting this recommendation are the absorbable number of calls that would be anticipated as the Project is built and the response time that is within range of local and national standards.

Please feel free to contact me if you have any questions or need any additional information. I look forward to continuing to work with you on this project's fire safety considerations.

Attachment 1

Travel Time Response to Project from Existing San Marcos Fire Station 1



SOURCE: SANGIS 2020, 2021; GMP 2021

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0 100 200 Feet

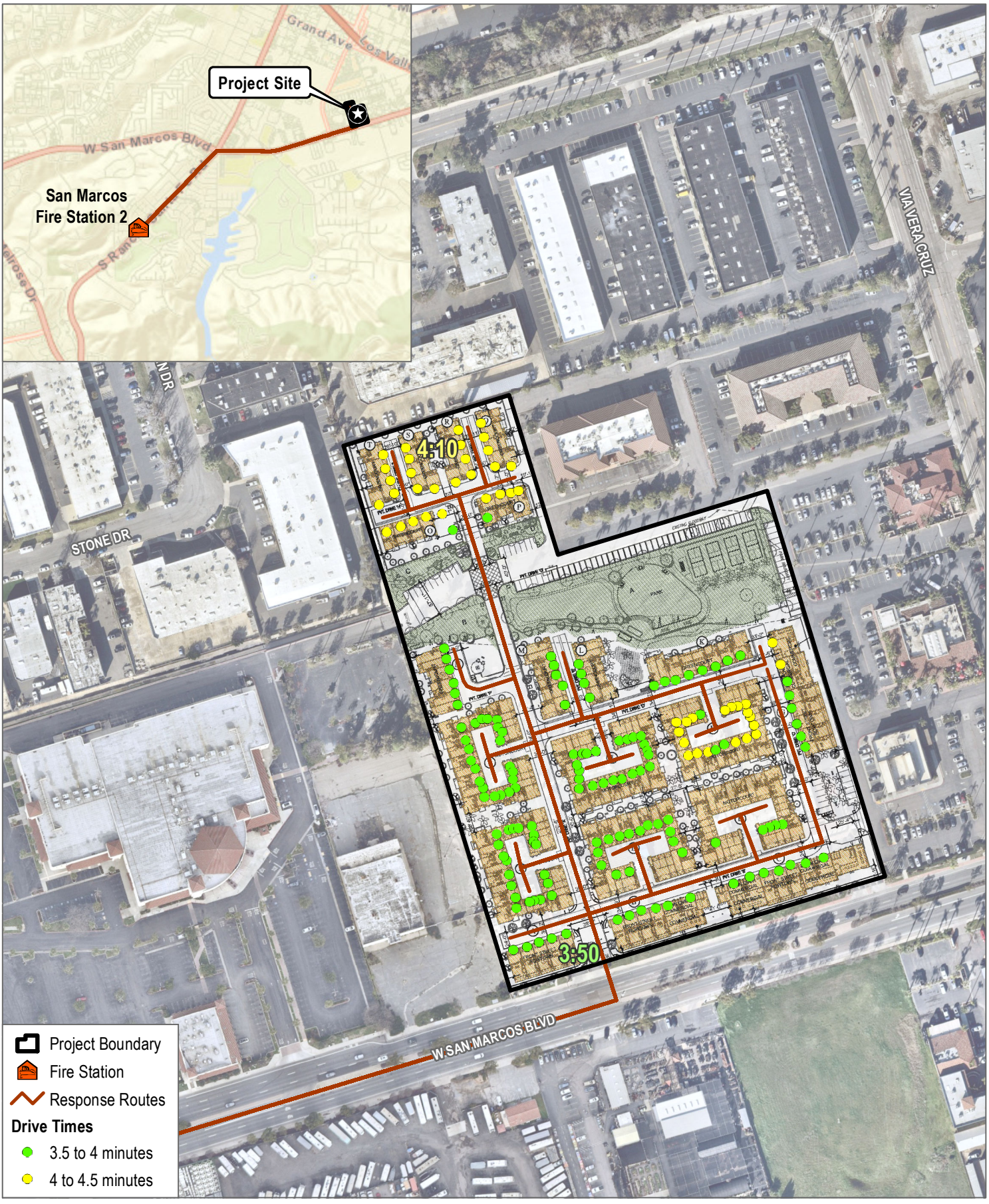
ATTACHMENT **1**

San Marcos Fire Station #1 - Drive Times

Restaurant Row, San Marcos

Attachment 2

Travel Time Response to Project from Existing San Marcos Fire Station 2



SOURCE: SANGIS 2020, 2021; GMP 2021

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0 100 200 Feet

ATTACHMENT **2**

San Marcos Fire Station #2 - Drive Times

Restaurant Row, San Marcos

Appendix M

Restaurant Row Specific Plan

RESTAURANT ROW

SPECIFIC PLAN

Submitted to

City of San Marcos
Development Services Department

Submitted by

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16465 Via Esprillo, Suite 150
San Diego CA 92127

Prepared by

Project Design Consultants
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San Diego, CA 92101

In association with

KTGY Architecture + Planning, Architecture
DUDEK, Environmental
Intersecting Metrics, Traffic
A.N.T Strategic Communications, Public Outreach

July 28, 2023

Revised August 17, 2023

RESTAURANT ROW

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1.0 INTRODUCTION

1.1 Purpose

The Restaurant Row Specific Plan (Specific Plan) describes the permitted land uses, regulatory provisions, form-based code requirements, public infrastructure, implementation measures, and policies for the development of approximately 10.5 acres of land located within the City of San Marcos. The Specific Plan sets forth the comprehensive planning framework for the development of a mixed-use community, which includes approximately 202 multi-family residential townhomes and 10,400 square feet (sf) of commercial space located north of San Marcos Boulevard and west of Via Vera Cruz. An approximately 1.1-acre public park will be included onsite and will serve residents of the new development and surrounding community.

Recognizing the many milestones celebrated at the Old California Restaurant Row over the years, the primary goal of this Specific Plan is to create a sense of place and recapture the fun, connection, and celebration people know and love.

1.2 Project Description

The project site is located at 1020 West San Marcos Boulevard (northwest corner of West San Marcos Boulevard and Via Vera Cruz), in the City of San Marcos (APNs 219-200-30,31 and 45), between the former Sears site directly to the west, and three restaurants and bank to the east. The revitalization of these 10.5 acres is envisioned as a vibrant, mixed-use hub that will include 10,400 square feet for updated dining offerings and new retail space, a neighborhood park, and 202 multi-family residential homes linked together by a series of pedestrian paseos.

Residential homes will consist of eight (8) three-bedroom townhomes over commercial (town over commercial); 17 front street townhomes ranging in size from three- to four-bedrooms; 57 Greencourt townhomes ranging in size from two- to four-bedrooms; and 120 Motorcourt townhomes ranging in size from two- to three-bedrooms. Each housing type is described in Section 4.3: Architectural Design Guidelines.

The site will be linked together through a series of landscaped promenades and paseos that not only facilitate pedestrian and bike connectivity but create public spaces for people to congregate. The pedestrian connections will be punctuated with social gathering nodes and opportunities for public art. The north-south connecting paseo will link to the Public Park in the northeast portion of the Specific Planning area. The Park design has been initiated with a public workshop; whereby multiple amenities were explored. Those in attendance voiced a strong interest in facilities such as pickleball, skate plazas, shade structures, and tot-lots amongst other passive uses. A noise attenuation fence was proposed to mitigate sound between the park and the neighboring residential homes and would define each parcel.

Commercial nodes, woven throughout residential and mixed-use buildings, will be located along the southern and eastern project boundaries to encourage walkability and convenient access to onsite commercial uses as well as along West San Marcos Boulevard. The intent of the pending commercial uses is to complement the existing restaurants and create a synergy between the establishments. The commercial nodes along the southern project boundary adjacent to San Marcos Boulevard have the goal of activating street activity by encouraging residents and visitors to shop, eat, linger, and stay along the San

Marcos Boulevard corridor. The commercial nodes along the eastern project boundary offers a connecting space to integrate the park, Western Paseo, and parking, into Restaurant Row.

Primary project access will be via 2 driveways on West San Marcos Boulevard, at the Project's southern boundary. A secondary project access will be on the northern project boundary via the east-west alleyway providing connections to both Via Vera Cruz and Las Posas Rd, respectively. In conformance with the San Marcos Boulevard Complete Street Project, San Marcos Boulevard will be redeveloped incorporating a multi-way that will facilitate multi-modal transportation and improve circulation.

The Project will require the demolition of 63,484 sf of existing (primarily vacant) restaurant uses on-site. However, elements from the Old California Restaurant Row will be preserved and incorporated into the project design to create an "old meets new" aesthetic that celebrates the history of the site.

1.3 Setting

1.3.1 Regional Setting

The Specific Plan Area is centrally located within the City of San Marcos, in northern San Diego County. San Marcos is generally bounded by the Cities of Carlsbad and Vista on the west, unincorporated lands to the north and south, and the City of Escondido to the east. The project is located along West San Marcos Boulevard between Los Posas Road and Via Vera Cruz. Major east-west access through the area is provided by Mission Road, San Marcos Boulevard, and State Route 78 (SR-78). North-south access is provided by Twin Oaks Valley Road and La Moree Road (Refer to Figure 1.1, Regional Location Map).

California State University San Marcos (CSUSM) is located approximately two miles east of the site. The 304-acre campus currently holds a population of around 16,000 students, including undergraduate and graduate degree programs. Founded in 1989, CSUSM is one of 23 campuses within the California State University system. Palomar College, a public community college with a population of about 24,000 students, is approximately a mile north of the site.

Lake San Marcos sits southwest of the site. On the northeastern tip of the lake lies St. Marks Golf Club. The majority of businesses surrounding the site on San Marcos Boulevard are of commercial use, typically auto dependent, and feature large parking lots. One block north, along Linda Vista Drive is a row of large department stores. The setting begins to change from largely commercial to more residential and rural uses as one travels away from the project site along Las Posas Road.

1.3.2 Local Setting

The project site is currently situated on three parcels between the former Sears site directly to the west and three restaurants and bank to the east. The Project will be accessible from San Marcos Boulevard heading west bound and through an access road connected to Via Vera Cruz and Las Posas. On-site, Private Drive "A" heads north-south, connecting the units along San Marcos Boulevard to the public park and northern units. Private Drive "B", Private Drive "E", and Private Drive "J" are east-west streets that connect the eastern border commercial spaces with the surrounding development (Refer to Figure 1.2, Vicinity Map).

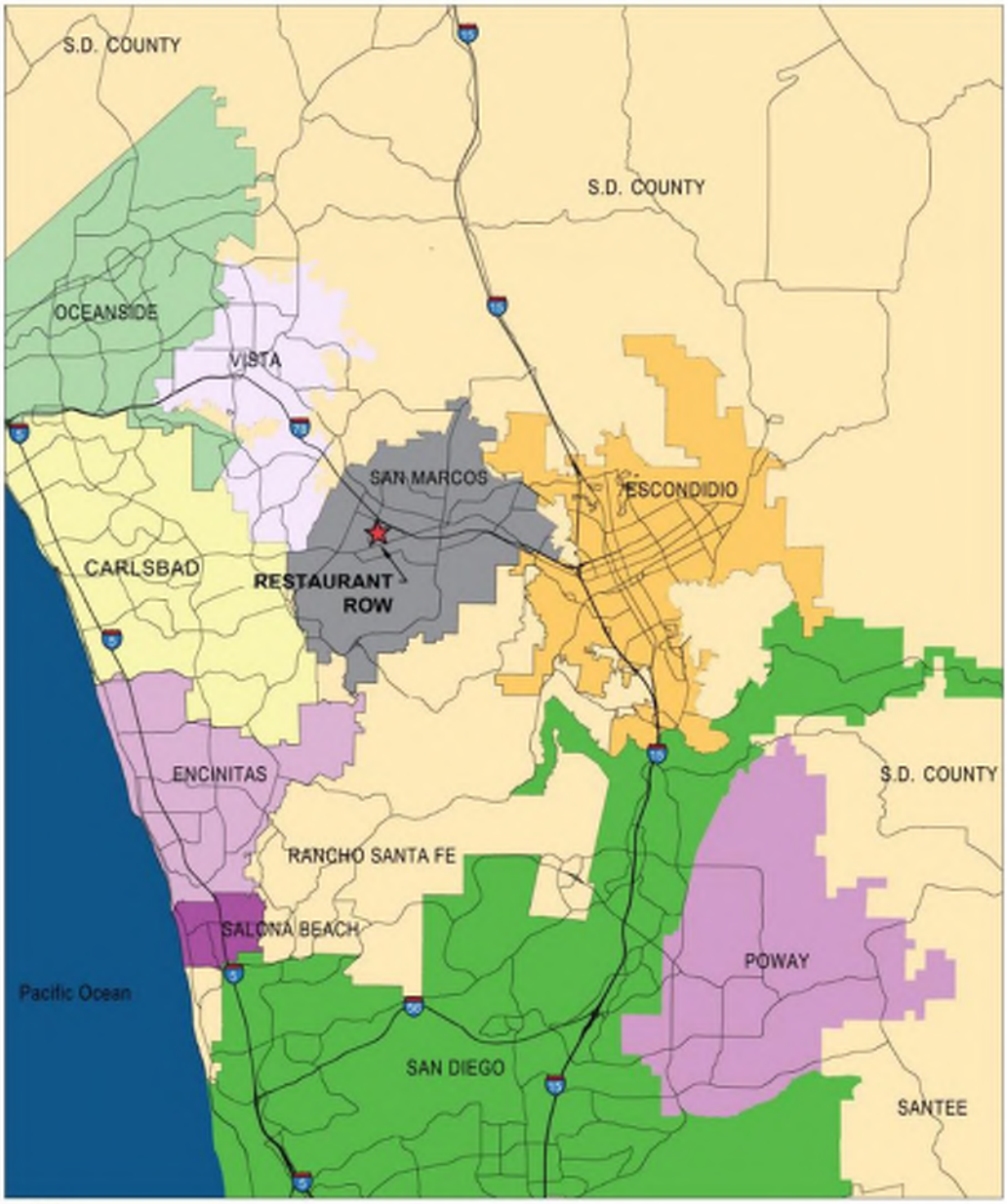


Figure 1.1
Regional Location Map
Restaurant Row

Figure 1.2

Vicinity Map

Restaurant Row

2.2 Authority to Prepare

This Specific Plan provides the basis for the preparation of implementing subdivision and improvement plans and specifies permitted land uses, densities, maximum residential units, and required public facilities as allowed by California Government Code §65450 through §65457.

The Specific Plan will implement the applicable goals and objectives of the San Marcos General Plan. It is anticipated that refinements such as the San Marcos Multi-Way, and changes in housing type or configuration will occur during the development of the subdivisions and/or Site Plans. Such refinements, with approval of the Planning Director, or their designee, will not require amendments to this Specific Plan provided the number of residential dwelling units is not exceeded and the overall character of Restaurant Row complies with the design guidelines included herein. Any matter or issue not specifically covered by this Specific Plan shall be subject to the regulations and procedures of the City of San Marcos Zoning Ordinance. In the case of a conflict between this Specific Plan and the Zoning Ordinance, this Specific Plan shall take precedence. The City of San Marcos will adopt this Specific Plan by ordinance, requiring public hearings by both the Planning Commission and City Council.

2.2 Concurrent Processing

In addition to this Specific Plan (SP22-0004), the Restaurant Row project includes concurrent processing of the following discretionary actions:

A General Plan Amendment (GPA22-0002) to re-designate the site from Light Industrial (LI) and Mixed Use 1 (MU1) to Specific Plan Area (SPA).

A Rezone (R22-0002) to change the zoning designation from Light Industrial (L-I) and Mixed Use 1 (MU-1) to Specific Plan Area (SPA).

A Tentative Subdivision Map (TSM22-0003) to subdivide the land.

A Site Development Plan (SDP22-0006) for the development of the mixed-use project.

A Site Development Plan (SDP23-0004) for the development of the public park.

2.0 PLANNING CONSIDERATIONS

This chapter provides essential background information for the Specific Plan area regarding historic context, land use and zoning, and relevant regulatory documents.

2.1 Historic Context

Old California Restaurant Row has served San Marcos and surrounding County of San Diego residents since 1978. Born from San Marcos' prime central location in North County, the impetus to create a unique and diverse dining destination was conceptualized and developed by Jim and Vera Eubank and family. Originally starting as a fruit stand featuring produce from surrounding farms, the site evolved into the Old California Restaurant Row, which once hosted a movie theatre, market shops, and a diverse outdoor food court where chain and local restaurants thrived.

The Eubanks took inspiration from California history, even bringing in river rock from the Pala Indian Reservation and salvaging 100-year-old lumber and timber beams from vintage buildings. Old California Restaurant Row's architecture follows a mission style and pays homage to California's historic ranchos. Its external materials include aged stucco, clay tile roof, brick, stone, and handmade tiles purchased in Mexico by Jim himself.

San Marcos has undergone a major transformation since the opening of the original Old California Restaurant Row on San Marcos Boulevard. The City has become one of the fastest growing cities in the County. According to the City of San Marcos General Plan, the City has grown from a population of 17,479 in 1980 (State of California Department of Finance, 2022) to approximately 94,926 residents as of 2021 (United States Census Bureau, 2022). In 2012, the area along the northern side of San Marcos Boulevard was zoned Mixed-Use. The vision is to create a vibrant, walkable development that aligns with the site's mixed-use zoning, meets city needs, and honors the original legacy and vision of a place for the community to come together.

2.2 Old California Restaurant Row

Old California Restaurant Row has retained its design theme of reverence for California culture and history, even decades after its formation. Its façade exhibits natural materials used for building in the region such as, clay tile roof, brick, and stone.

The existing signs around Old California Restaurant Row alert and attract drivers along San Marcos Boulevard. The utilization of exposed brick partially covered by crème wood or stucco is a strong indicator of the site's thematic goals. The bold red and white lettering of "Old California" and "Restaurant Row" draws onlooker's eyes to the local restaurant hub.

Above – photos of existing signage at Old Restaurant Row

Old Cal Coffee and San Marcos Brewery Building, the two notable vendors pictured below, are located at the southwest corner of the project site. Their charming atmosphere and décor have contributed greatly to the site's thematic elements making Old Restaurant Row an attractive destination for patrons.

Above – photo of Old Cal Coffee and San Marcos Brewery & Grill

In addition to local staples, chain restaurants (such as IHOP, pictured below) were able to extend their businesses to San Marcos. A diversity of eateries provided to residents and guests in the community, within the parameters of the design of Old California Restaurant, contributed to the goals of the site.

Above – photo of IHOP

The red tile brick in combination with grey stone cladded fences and wood features showcases the inspiration behind Old California Restaurant Row. This grounded, aesthetic approach provided comfort and familiarity to the residents and visitors of San Marcos.

Above – photo of existing buildings at Old California Restaurant Row

2.3 Surrounding Development

Existing uses surrounding the site consist of commercial and retail developments. Development along San Marcos Boulevard is characterized by entertainment retail which offers a variety of neighborhood and regional retail opportunities throughout the area. Four restaurants directly abut the eastern border of the site and share parking. Surrounding uses directly west of the site remain commercial in nature ranging from a movie theater and transitioning to light-industrial uses north of the site. To the south, immediately across San Marcos Boulevard, lies a nursery, a garden store, a vacant strip of land, and retail strip offering a variety of uses ranging from personal services to restaurants. The San Marcos Creek District Specific Plan area is

located south of Restaurant Row, and is envisioned with residential dwelling units, retail and/or commercial space, office space, a park, and urban open space. South and west of Discovery Street, features existing development transitions, primarily to clustered single-family residential development and some institutional uses, including a church and an elementary school.

2.4 Regulatory Environment

Discretionary actions and projects proposed within the Specific Plan area are required to demonstrate consistency with this Specific Plan. The actions processed under this Specific Plan which require consistency prior to approval, and/or adoption by the San Marcos City Council are the General Plan Amendment and Rezone of the project site, a Site Development Permit, and a Tentative Subdivision Map (TSM). Subsequent projects proposed within the Specific Plan area must demonstrate compliance with the Specific Plan's policies, rules, regulations, and design standards.

2.4.1 San Marcos General Plan

The San Marcos General Plan serves as the guiding document for achieving the community vision for the future. The project site is located within the Business/Industrial District. The Specific Plan will continue to attract activity to this center by proposing a myriad of uses that pay homage to the past while brightly looking towards the future. This balance of land uses reinforces the City's desire to create pedestrian friendly, mixed-use neighborhoods where people can live, work, shop, and play.

The project site is located within San Marcos Boulevard, Focus Area 3. This area provides an opportunity for the City to create a desired commercial and mixed-use destination. The community shares the desire for a downtown area that attracts people region wide while also supporting the needs of residents. Redevelopment is intended to complement the character of, and increase connections to, the mixed use-oriented Creek District, to create a cohesive downtown area with a host of destinations that enhance the urban experience for residents and visitors. The project proposes a park that will fulfill the community desire for a neighborhood park along West San Marcos Boulevard between Las Posas Road and Via Vera Cruz.

The City of San Marcos General Plan designates APN 219-200-30 as Light Industrial (LI) while the remaining two parcels of the site (APNs 219-200-31 and -45) are designated MU1 (Mixed Use 1) (Figure 2.1, Existing General Plan Land Use Map). The LI designation permits light manufacturing, processing, assembly, wholesale, office, and research and development laboratories, all within enclosed buildings with limited outdoor storage, in freestanding or campus-style industrial development. Supporting uses, such as office, limited retail, and business services are also allowed. The maximum floor area ratio (FAR) permitted is 0.60. The MU1 designation permits a wide variety of commercial, office, civic, and residential uses integrated as a cohesive development. These uses may be organized horizontally or vertically with retail and active uses encouraged on the ground floor to activate the street. This designation permits a maximum floor area ratio (FAR) of 1.75 and a density of 20.1 – 30.0 du/ac. The project proposes a General Plan Amendment to designate the area as Specific Plan Area (SPA) (Figure 2.2, Proposed General Plan Land Use Map).

The Restaurant Row Specific Plan seeks to meet the goals and policies outlined in the General Plan, including those focused on leveraging smart growth principles in mixed-use and infill opportunities. The supplemental General Plan Amendment (GPA) studies provided with this project will detail how the project conforms with the General Plan and its guiding themes. See the GPA's Land Use Analysis incorporated into this Restaurant Row's Specific Plan.

2.4.2 San Marcos Zoning Ordinance

Under existing conditions, the site is currently zoned Mixed Use -1 (MU-1), with the northern most parcel (APN 219-200-30-00) zoned Light Industrial (L-I). As part of the rezone application, the entire site would be designated SPA (Specific Plan Area) with the intent of implementing the MU-1 zone as its foundation. A portion of the site is already designated MU-1. The MU-1 zone is intended to define major corridors and transit-proximate locations as mixed-use corridors. The MU-1 zone should incorporate retail storefronts, urban living, and community destinations in a vertical pedestrian-oriented setting. The MU-1 zone promotes a variety of commercial, office, civic, and residential uses integrated as a cohesive development.

Uses established pursuant to this Specific Plan shall be subject to the conditions and restrictions set forth in this Specific Plan. Upon adoption of a Specific Plan and requisite Zone/General Plan amendments, the Specific Plan shall replace and take precedence over the Zone regulations of this Zoning Ordinance for the subject property. Where the regulations of a Specific Plan are silent, the comparable regulations of this Zoning Ordinance, and all adopted ordinances, regulations, standards, and guidelines of the City shall prevail, as deemed appropriate by the Director.

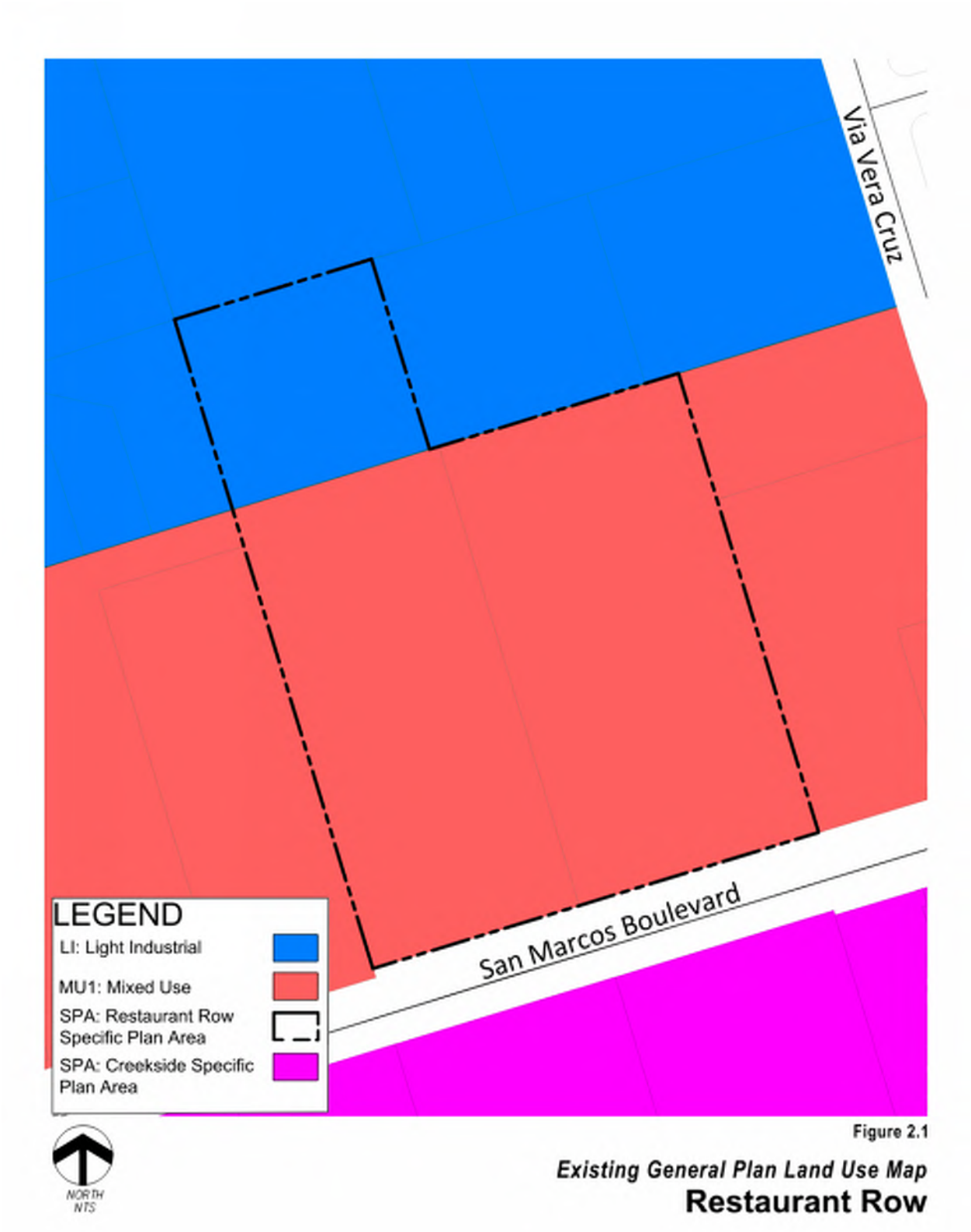


Figure 2.1

Existing General Plan Land Use Map

Restaurant Row

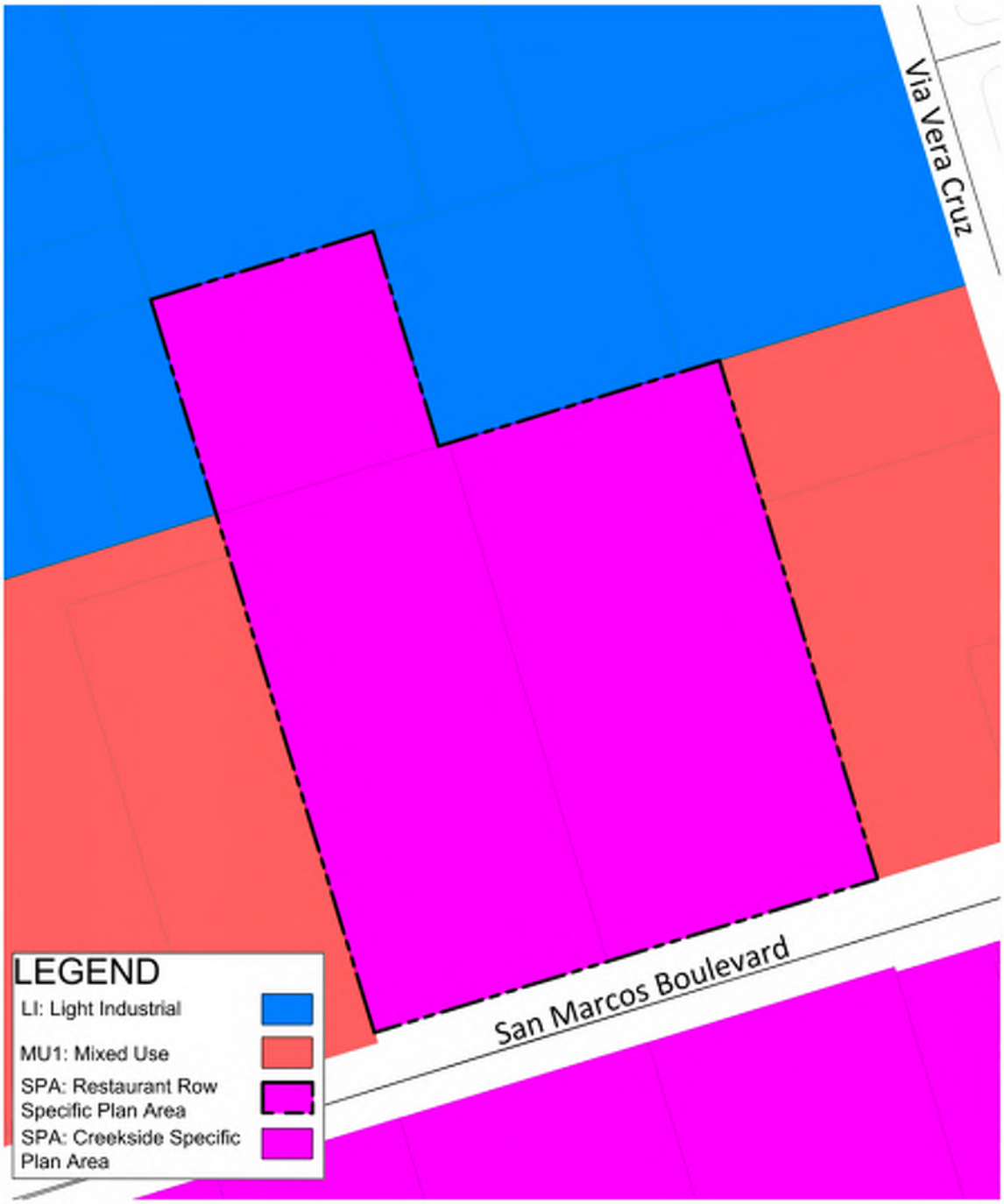


Figure 2.2

Proposed General Plan Land Use Map

Restaurant Row

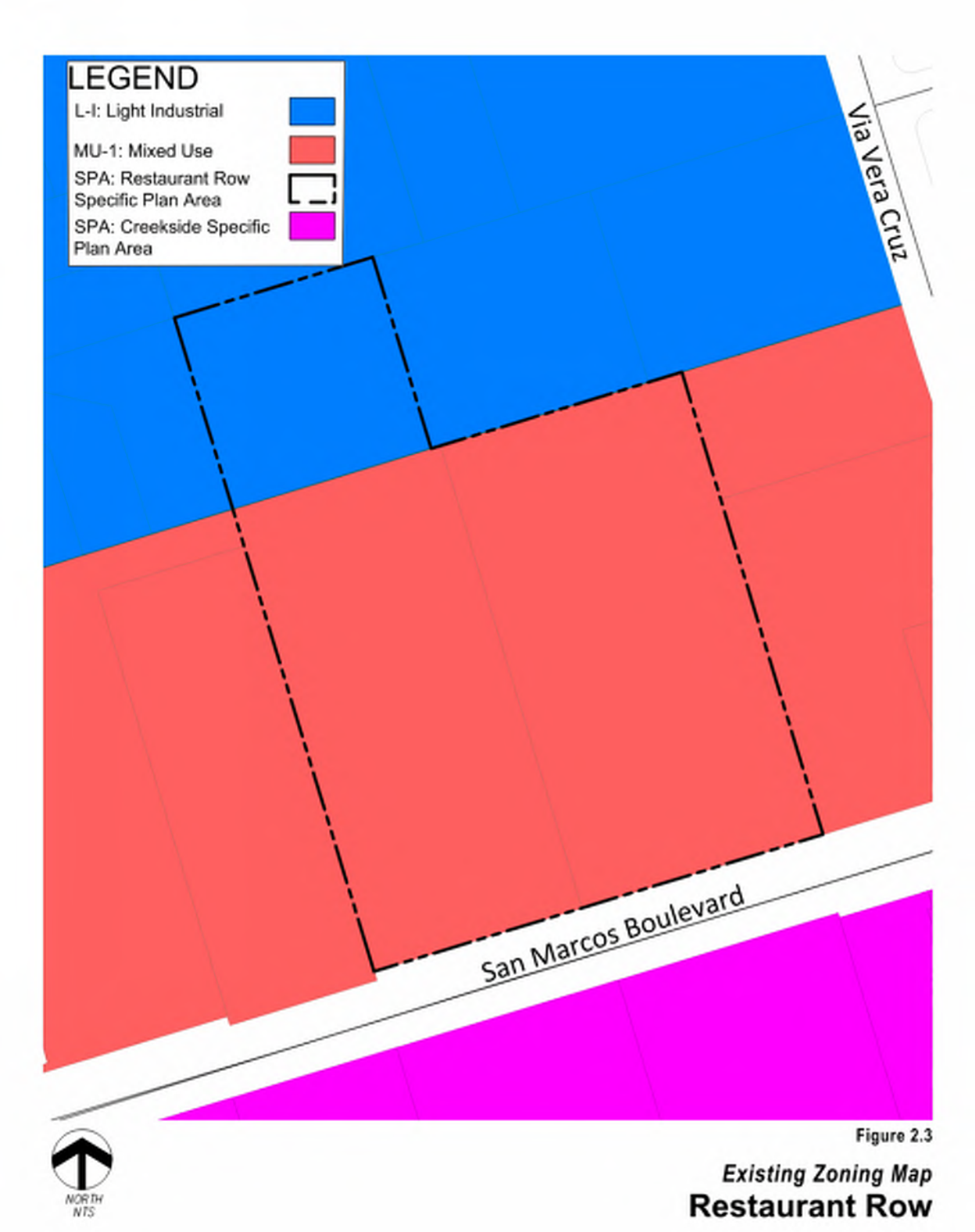


Figure 2.3

Existing Zoning Map

Restaurant Row

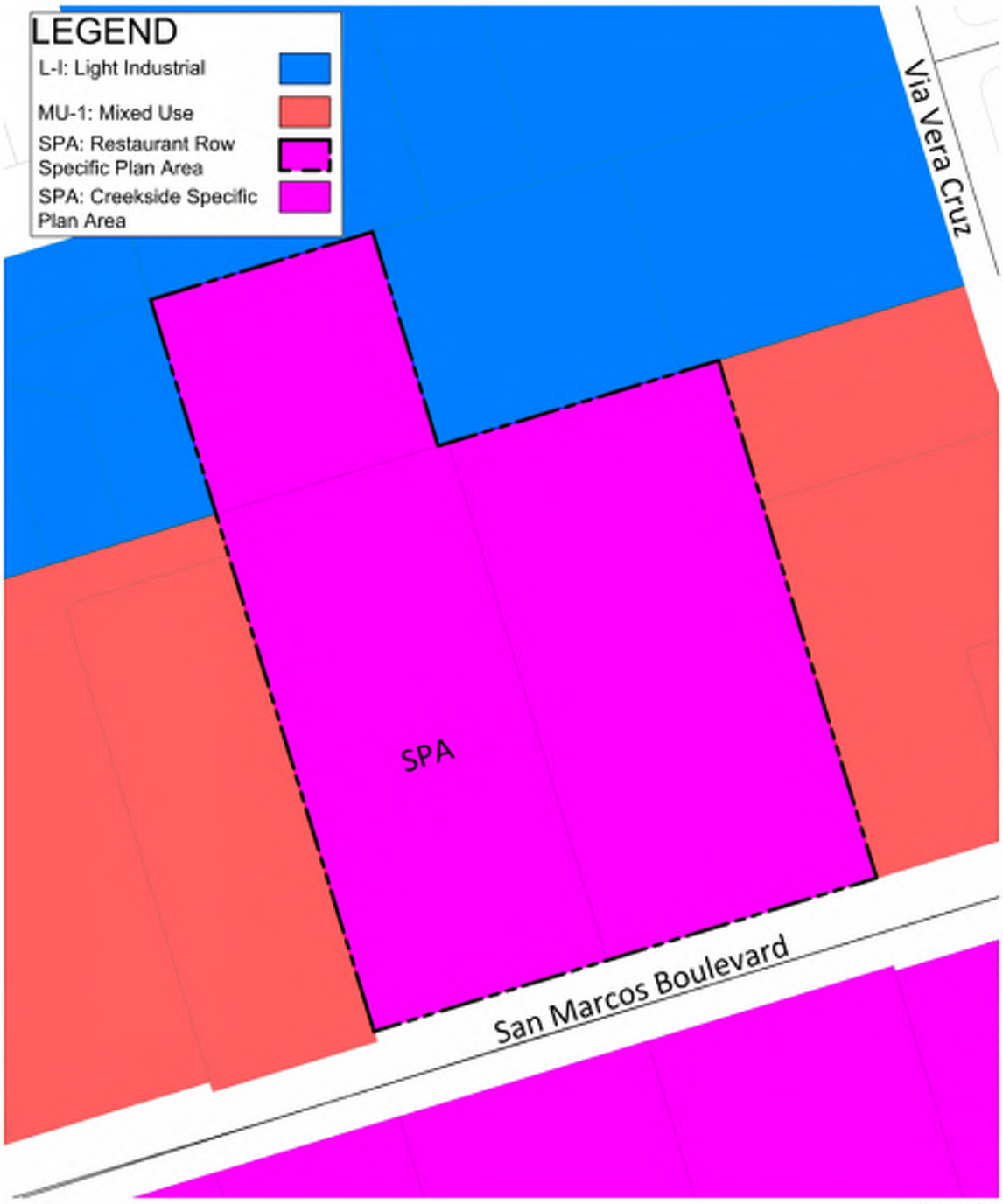


Figure 2.4

Proposed Zoning Map

Restaurant Row

2.4.3 San Marcos Boulevard Complete Street

The San Marcos Boulevard Complete Street Project is an initiative that plans to transform the stretch of San Marcos Boulevard from Discovery Street to Bent Avenue with improved street crossings, bike lanes, and bus stops so all users can travel safely and efficiently.

The Restaurant Row Specific Plan redesigns San Marcos Boulevard into a Multi-Way that meets Complete Street criteria through its design features and pedestrian and bike amenities. These amenities are enhanced by wider sidewalks, greater separation from San Marcos Boulevard via the barrier of the lateral parkway median, and the integration of a new streetscape. Please refer to Sections 5.6.1 and 6.10 for details on the Form-Based Code and Infrastructure Plan of the San Marcos Boulevard Multi-Way.

Multi-way Frontage Conceptual Image:

3.0 GOALS AND POLICIES

The following goals and policies were created to shape the design of Restaurant Row. They are intended to guide future developments within the Specific Plan area.

Goal 1 **Provide entertainment and recreation opportunities for on-site residents, Restaurant Row patrons, and the surrounding community.**

Policy 1.1 Construct a neighborhood public park on-site that will offer recreation options for various age groups and demographics.

Policy 1.2 Connect residents and Restaurant Row patrons to surrounding amenities through a series of aesthetically pleasing, thoughtfully designed walkways and paseos.

Goal 2 **Adapt to changing community and economic needs by providing attainable housing in a mixed-use, in-fill setting.**

Policy 2.1 Provide multi-family residential homes that support the existing and future housing needs of the City of San Marcos.

Policy 2.2 Provide a variety of affordable and accessible homes within the community to alleviate the displacement of the existing population.

Policy 2.3 Integrate commercial components that encourage opportunities for local ownership of businesses.

Policy 2.4 Encourage residential over commercial uses that offset independent offices as well as mortgage burden.

Goal 3 **Support the revitalization of San Marcos Boulevards by creating an inviting neighborhood that activates the street frontage and facilitates multi-modal transportation to and from the existing community.**

Policy 3.1 Create a long-lasting walkable community through the connection of on-site pathways to San Marcos Boulevard sidewalks that allows residents to walk or bike to nearby destinations.

Policy 3.2 Deliver the first segment of the Multi-Way along San Marcos Boulevard to encourage a range of transportation options for San Marcos visitors and residents.

Policy 3.3 Design a series of roadways that safely link the development to the larger community allowing residents and Restaurant Row patrons to safely and efficiently enter and exit the project site.

Policy 3.4 Implement the standards set forth by the San Marcos Fire Department to meet emergency vehicle needs.

Goal 4 Celebrate the legacy of Old California Restaurant Row through the revitalization of the site with updated commercial and outdoor spaces, in a manner that enhances the atmosphere created by the previous Old California Restaurant Row, and complements the surrounding environment and neighborhoods.

Policy 4.1 Use materials that reference featured elements on Old California Restaurant Row buildings. The architecture and plant palette will take inspiration from the former design elements.

Policy 4.2 Prioritize local restaurants and artisans to fill the commercial spaces.

Policy 4.3 Create a network of outdoor spaces that culminate at the new neighborhood park. The integration of public art, design features, and interpretive signage into the landscape will help create a sense of place and foster an identity that will continue to reinforce Restaurant Row as a memorable San Marcos destination.

Policy 4.4 Public art will be integrated into the public park as an amenity to the community. It may be in the form of the past, current, or future abstracts reminiscent of the site.
It may be a repurposing of materials of the site's history, a commendation or recognition of significant community members, or an inspirational element to provide a memory landmark for the area. These elements may be provided in the private open space as well.

4.0 Design Guidelines

4.1 Introduction and Applicability

Restaurant Row is designed to attract residents and visitors alike. These Design Guidelines are intended to guide the design and development of Restaurant Row. The guidelines will ensure that the design of the project will build an aesthetically pleasing and cohesive community. The arrangement of multi-use buildings and facilities will promote the goals of the Specific Plan and provide residential, commercial, and public spaces for San Marcos residents to enjoy. In doing so, it will become like other charming mixed-use districts that have successfully woven together shops, outdoor areas, and other key features that celebrate an active and social lifestyle.

While incorporating influences from the Old California Restaurant Row, the Design Guidelines will pay tribute to the history behind the City's unofficial center, while updating the neighborhood with sleek and efficient modern design that revitalizes Restaurant Row as a sought-out destination in San Marcos. The Design Guidelines will complement adjacent development along San Marcos Boulevard.

This chapter shall provide general design guidance to supplement the development standards asserted in Chapter 5.0: Form-Based Code. Photographs and exhibits are intended to showcase the planned design of the Restaurant Row Specific Plan.

4.2 Site Design Plan

The project has been designed to create a new direction and model for San Marcos Boulevard developments while maintaining the character and feel of Old California Restaurant Row. Restaurant Row will feature store frontage along San Marcos Boulevard to create a walkable vibrant community with diverse transportation options. Through the creation of a multi-modal transportation system along San Marcos Boulevard, people can stroll, stop, and shop along the commercial uses offered.

4.3 Architectural Design Guidelines

The goal of the architectural design is to energize the public spaces and encourage connection, while providing a transition zone to the residential areas within the Specific Plan area.

The architecture along San Marcos Boulevard frames large plazas and outdoor dining areas that wrap the site and lead to the park at the northeast corner of the development. Private residential areas are reinforced by the use of private drives/streets and tighter paseos framed by taller buildings compared to the open spaces and common plazas shared by the retail and dining areas.

The following types of developments are dispersed throughout the Specific Plan area:

- Mixed Use – Residential and commercial spaces are designed as one structure, allowing for the maximum utility of land use along San Marcos Boulevard.
    - Commercial – Commercial is placed along street frontages and corners to preserve the neighborhood's identity as a lively town center. It also creates an attractive place for pedestrians, cyclists, and other non-automotive riders to enjoy outdoor public space in the City of San Marcos.
    - Town over Commercial – Residential uses attached vertically to Commercial.
    - Front Street Rowtown – Residential uses attached horizontally to Commercial.

- **Residential** – Additional residential opportunities are placed north of the Mixed-use buildings and are set back from San Marcos Boulevard, giving residents the comfort of a primarily residential neighborhood with access to public and private park amenities and inviting commercial spaces just a stroll away.
    - Greencourt – The homes are placed parallel to one another and are close to the private amenities and the public park.
    - Motorcourt – The homes are placed around the site's paseos to promote a walkable community.

Motorcourt Conceptual Image:

4.3.1 Building Massing

The overall architecture features strong vertical massing that softens or tapers back at key locations to invite users to explore adjacent spaces. For example, in the main plaza on San Marcos Boulevard, the building steps back and away from the plaza to create a more comfortable scale for users while simultaneously opening the view to a paseo that leads directly to the park on the opposite side of the site. Similar design elements are used to create plazas and dining decks at the corners of the site and implemented in the Motorcourt buildings leading users to larger thoroughfares that cut through the site. The introduction of a colonnade also helps to frame the outdoor commercial spaces and ties the commercial buildings at the perimeter of the site together.

Greencourt Conceptual Image:

4.3.2 Materials and Colors

The project draws inspiration from Old California Restaurant Row through its colors and materials. Referential materials and colors occur off San Marcos Boulevard and in the commercial buildings adjacent to the park. These materials are contrasted by the contemporary residential developments characterized by contemporary colors, materials, and forms. This design creates a stronger contrast between the history of the site and the new architectural development. The project incorporates Old California Restaurant Row inspired materials, and pairs them with cool and muted grays of various shades to give the area a fresh, modern aesthetic.

Recommended materials include, but are not limited to, the following:

Residential (Greencourt and Motorcourt)

- Smooth stucco
- Metal shading elements
- Wood accents
- Stone veneer
- Lap siding accents
- Contemporary brick

Figure 4.1

Greencourt - Scheme 1

Restaurant Row

Figure 4.2

Greencourt - Scheme 2

Restaurant Row

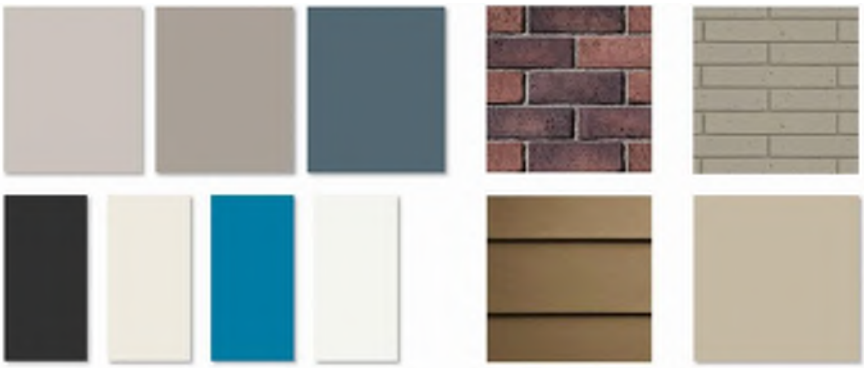


Figure 4.3

Greencourt - Scheme 3

Restaurant Row

Figure 4.4
Motorcourt - Scheme 1
Restaurant Row

Figure 4.5
Motorcourt - Scheme 2
Restaurant Row

Mixed Use

- Wooden beams
- Various wooden siding
- Tumbled brick with heavy mortar joints
- Heavy metal accents and heavy metal siding
- Corrugated metal
- Integration of historical features (i.e., bells, beams, signage details)

Figure 4.6

Mixed Use - Front Steet Rowtowns

Restaurant Row

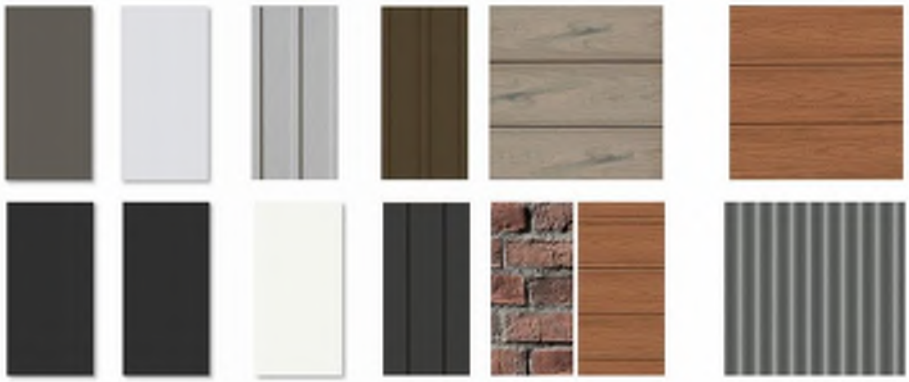


Figure 4.7

Mixed Use - Commercial / Town Over Commercial (San Marcos Blvd)

Restaurant Row

Figure 4.8

Mixed Use - Commercial / Town Over Commercial (Parkside)

Restaurant Row

4.3.3 Architectural Styles

The contemporary architectural styles for Restaurant Row allude to the massing, materials, and color scheme of Old California Restaurant Row. The Old California architecture style is akin to the Contemporary Architecture with significant differences between Front Street Townhomes and Town over Commercial such as brick in lieu of stucco on the front façade. While no specific architectural style is selected, contemporary architectural styles that pull from coastal, Southern California, or Old California Restaurant Row influences are preferred.

Residential (Greencourt and Motorcourt)*:*

- Natural materials, cool colors, and sharp clean lines;
- Soaring butterfly roofs and flat roofs emphasizing vertical massing interspersed with deep recesses;
- Flat roofs with deep recessed massing and cantilevers at upper levels;
- Semi-private entry stoops to encourage pedestrian activity along commercial store frontages;
- Porches and patios are wrapped or recessed around buildings to help create private outdoor space;
- Large, asymmetrically placed windows, living spaces, and upper balconies facing streets and plazas, help energize the public space; *and*
- Garages located along one face of the building, on the internal motor court, or centralized to interior private streets, promote a pedestrian friendly atmosphere.

Figure 4.9

Greencourt Front Elevation View

Restaurant Row

Figure 4.10

Motorcourt Front Elevation View

Restaurant Row

Mixed Use:

- Natural materials, wood elements, and siding are increased along San Marcos Boulevard;
- Cool colors for the Townhomes over Commercial homes provide visual interest;
- Wood elements, siding, and brick to provide a warmer color palette;
- Colonnade design that ties in the existing style of San Marcos; *and*
- Heavy material such as wood and brick to differentiate between public and private spaces.

4.4 Streetscape Design

The streetscape design of Restaurant Row should contribute to the contemporary architectural and landscape designs of the community to enhance the aesthetic form. The streetscape is also where references to the Old California Restaurant Row can be observed. This design is meant to encompass all streetscapes for the project, e.g., San Marcos Blvd Right-of-Way, private streets, onsite private driveways, and access easements. Street furniture, bicycle racks, signage, lighting, walls, and fencing should be unique in design and facilitate the utilization of alternative modes of transportation.

Southeast Corner Commercial Conceptual Image:

4.4.1 Street Furniture

- Incorporate site furnishings, such as tables, benches, and shade structures, to the overall site design and contemporary architectural character of the development;
- Place seating and patio umbrellas in commercial plazas and public outdoor spaces;
- Select materials and colors that achieve the desired aesthetic and vision for the public realm;
- Street furnishings will complement the color scheme of surrounding buildings and streetscape features, such as lighting or fencing;
- All furnishings will be durable and resistant to vandalism; *and*
- Street furniture placed within the public right of way will be subject to the approval of the City of San Marcos.

(Images for conceptual and illustrative purposes only)

4.4.2 Trash & Recycling Areas

Residential:

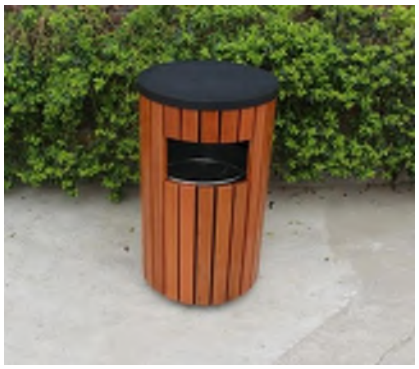
- Provide space for residential trash and recycle cans in private garage spaces.

Commercial:

- Commercial entities will have the use of the commercial trash facilities which are located on the south-west side of Pvt. Drive “C”. These facilities will house trash (waste), recycling, and compost, and will be locked to prevent illegal dumping.

Public / Common areas:

- Locate receptacles adjacent to recycling areas;
- Receptacles to be functional yet contribute to the character and aesthetic of the commercial area; *and*
- Ensure the design and distribution of trash receptacles are accessible to individuals of all abilities.



(Images for conceptual and illustrative purposes only)

4.4.3 Bicycle Racks

- Short-term on-street bicycle parking will be primarily available along the street frontage of San Marcos Boulevard, in the park, and near building entrances without blocking pedestrian activity.
- Bike racks will be available for public use, or residential use when visiting on-site shops or services, however, residents will be required to house bikes within their homes when not visiting on-site shops or services, per the CC&R's.
- Bike racks will offer unique and functional design features.

(Images for conceptual and illustrative purposes only)

4.4.4 Signage

The signage regulations for the commercial areas are intended to reignite the lively and active atmosphere that the Old California Restaurant Row brought to San Marcos in 1978. Signage should be modern, in scale with tenant spaces, compatible with adjacent residential uses (above commercial), and include pedestrian oriented signage. However, a contemporary motif in likeness to the history of the Old California Restaurant

Row is encouraged to honor the project's history. Carefully designed signage that alludes to the nostalgia of Old California Row will enhance the aesthetic character and identity of the neighborhood.

Commercial:

- Sidewalks and commercial frontages along San Marcos Boulevard and Via Vera Cruz are intended to be a place for pedestrian activity. Therefore, the allowed types, sizes, and placements of signs must enhance this character in a way that promotes communication between business owners, residents, community members, and customers.
- Reference to the Old California Restaurant Row through style, font, or imagery is preferred.
- Old California Restaurant Row's commercial and residential properties will have a contemporary sign program to provide a unique identity and unify the project.

Parkside Corner Commercial Conceptual Image:

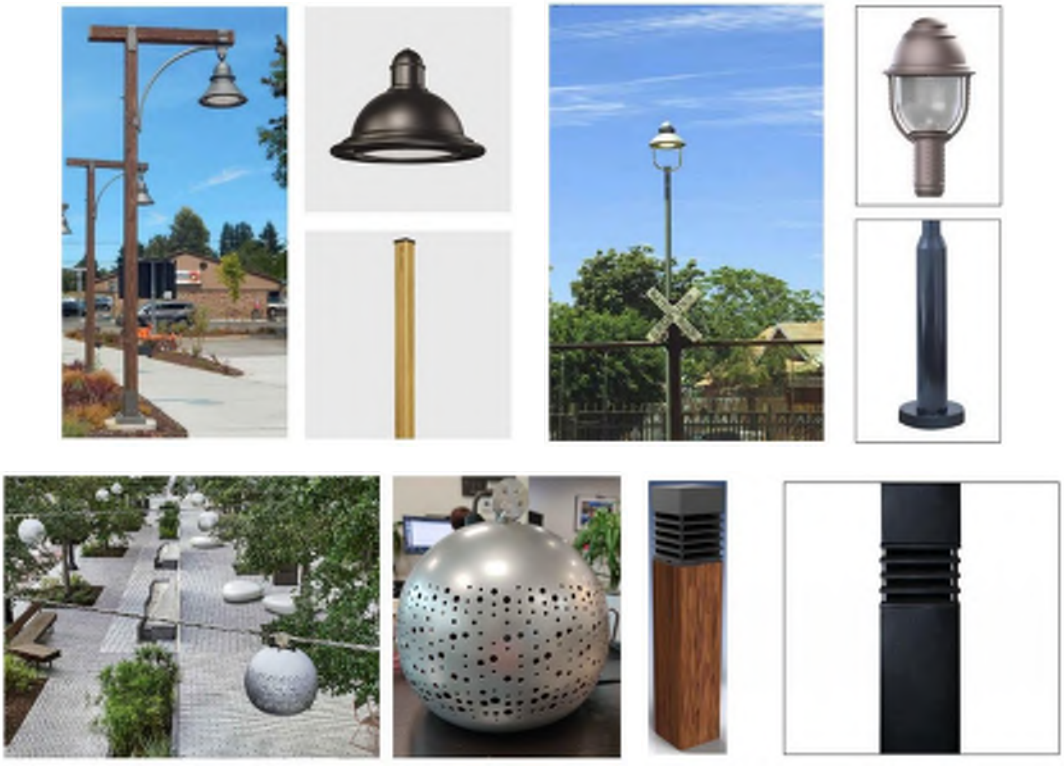
Residential:

- Paseos and other residential neighborhoods should have uniform and subtle signs that inform residents and guests where they are, where amenities are located, and how to find an address in the neighborhood.
- Residential signs should fit the contemporary theme of cool colors, sharp lines, and fresh fonts.

4.4.5 Lighting

Streetlights shall be provided, subject to City approval, and will be used in conjunction with privately maintained string, pole, and pedestrian areas to ensure a well-lit community. This will enhance public safety and security for the existing community at large and future residents. Outdoor lighting fixtures (both attached and detached to buildings) are simple and reminiscent of the site's history. Lighting materials will compliment and accent the exterior of the buildings and help distinguish and define commercial, residential, and paseos spaces.

Opportunities to incorporate unique lighting styles could be created from vintage or reclaimed site materials where possible. New lighting that is referential to the Old California Restaurant Row, such as bell-shaped light fixtures, should be considered as a possible style. Landscape lighting should be incorporated into the site creating an ambiance and guide pedestrians through the paseos and open space.



(Images for conceptual and illustrative purposes only)

4.4.6 Walls and Fencing

There are various walls and fences that are strategically placed around the Specific Plan area.

Attached Residential Walls and Fences:

- Walls for private entryways, such as porches or patios, are simple stucco with gates made from slatted wood planks with wrought iron frames and vary in height depending on site location.
- Walls at entry stoops in the mixed-use townhomes are 4'-0" tall to help protect from street/parking lot activity.
- Walls at Greencourt and Motorcourt building are 3'-0" allowing more views/interactions with the surrounding park, paseos, and green spaces.
- Attached walls/fences will be as illustrated per the architectural plans.

(Images for conceptual and illustrative purposes only)

Unattached Residential Walls and Fences:

- The low walls enclosing the Greencourt Townhomes exclusive use areas, will be low masonry block with brick veneer.
- Along the frontage of the Greencourt Townhomes and the park, a glass and block wall will be provided for viewing into the park while attenuating the noise of recreational activities.
- For the Front Street Rowtown homes facing San Marcos Boulevard, there will be a 3'-4' solid fence to give residents privacy while also paying homage to the Old California Restaurant Row's use of earthtone veneers in its design aesthetic.

- As a residential amenity, the plan's Site Gathering Area will have cable security fencing, or glass and block sound walls as needed around the east and north sides of the park like settings. A semi-private fence with a gabion wall with a timber wall cap may be provided around the west and south sides to provide some privacy for residents who want to socialize while allowing them to view and feel connected to the rest of the park.
- The Park Connector amenity will be barrier free for ease of access to the public park.

(Images for conceptual and illustrative purposes only)

Commercial Walls and Fences:

- The large commercial space facing San Marcos Boulevard will feature open fencing to delineate between pedestrian and dining spaces while also paying homage to the Old California Restaurant Row's use of a historic design aesthetic.

- The commercial specialty fence may be designed using materials recovered from the Old California Restaurant Row to create a visually appealing fence around the deck overlooking the park.

4.5 Landscape Design Guidelines

The conceptual landscape plan has been designed to maximize the open space that is provided onsite while creating attractive and important paseos connecting adjacent residence and commercial plazas. The plant palette will be carried throughout the common area landscaping, public and private parks, and pedestrian pathways to create a unified sense of place.

Figure 4.12

Conceptual Landscape Plan
Restaurant Row

4.5.1 Common Area Landscaping

The common areas within the project have been designed to complement the surrounding development of mixed uses, including restaurants, residential sites, and commercial spaces. The homes have designated spaces to allow landscape areas between buildings, providing beautification measures and attractive places. Landscaped areas include open areas adjacent to roads and, where space is available, street trees offering additional shade and buffer. Landscaped areas will be irrigated permanently and will be planted with a combination of natives and naturalized species. Some of the existing specimen vegetation may be repurposed from the original site reminiscent of the Old California Restaurant Row era.

4.5.2 Parks

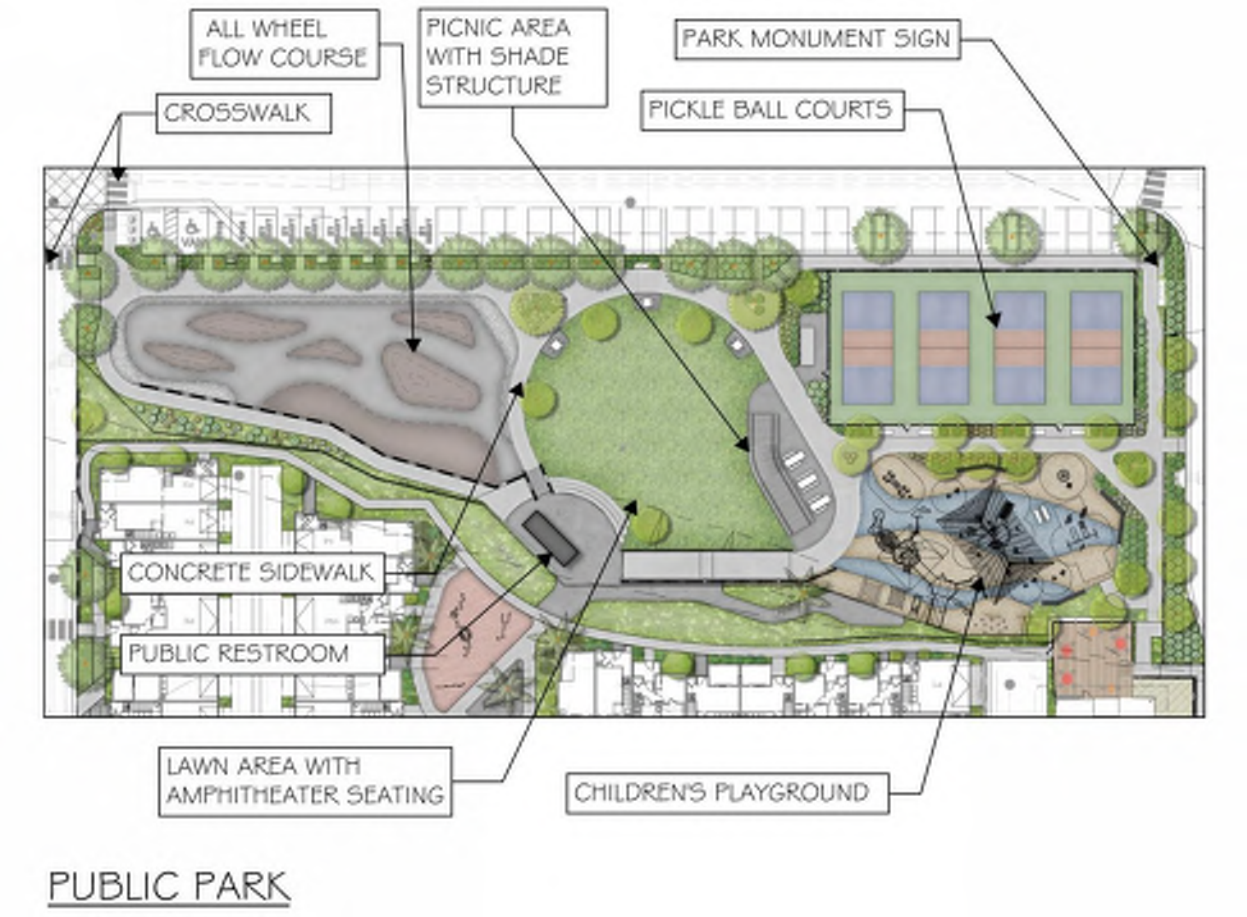
The Project will feature multiple parks and site amenities, all of which will be accessible to the public regardless of ownership or maintenance responsibility. The project will provide a 1.1-acre neighborhood public park, three (3) HOA owned and maintained parks, and two (2) HOA owned and maintained site amenities. All park types will provide facilities for adults and children alike. Features may range from flexible open space with connecting walkways to nodes of shaded areas with seating or play equipment.

The public park space was designed through a series of public workshops so the community at-large could have input into the creation of the recreational area. The development of the public park will occur with a separate Site Development Plan (SDP23-0004).

Much of the park is encumbered by a floodway and floodplain, so amenities and park features may be limited by environmental constraints. The park will have features that will not impede a 100-year storm event. As the amenities of the park evolve, the hydrology report ("Hydraulic Analyses for Restaurant Row", dated July 27, 2023, by Chang Consultants) will document assurance that flooding does not occur beyond the limits of the existing FEMA zone.

4.5.2.1 Public Park

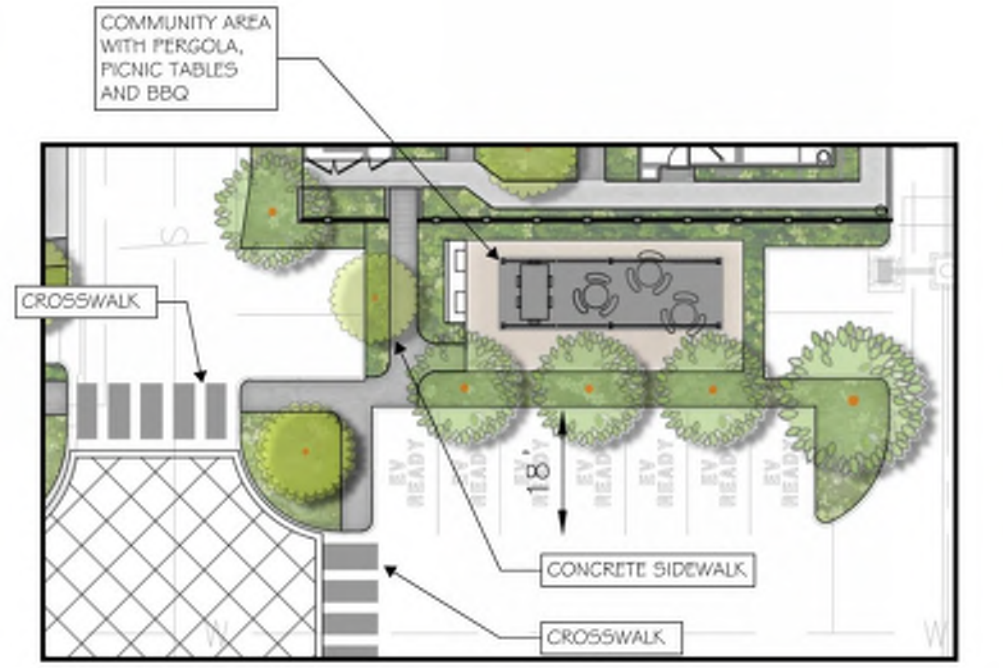
The public park's purpose is to serve the needs of the larger community beyond the project site. A public park along the northern side of the Specific Plan area will anchor the site and provide respite for both residents and visitors alike. Its amenities will include 4 pickleball courts, a large tot-lot playground intended for children ages 2-12, a central open space lawn, a multipurpose amphitheater, a restroom, and an all-wheel flow course plaza. Park amenities are subject to change at the discretion of the City.



Public Park – Approximately 1.1 acres

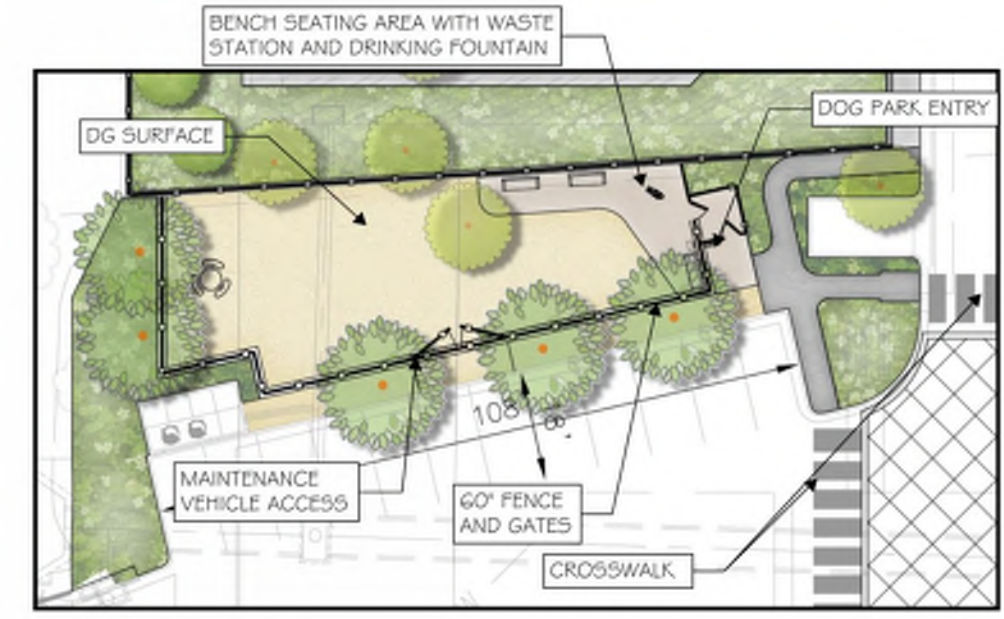
4.5.2.2 HOA Parks

There will be three (3) HOA owned and maintained parks that are publicly accessible on the project site, subject to the terms of public access easements. The parks are proposed throughout the Project site and are intended to serve the needs of both future residents and the public. These parks offer options for every age demographic providing amenities such as dog parks and gathering areas in addition to the publicly owned and maintained park. These smaller parks consist of a community gathering area, a large dog park, and a small dog park.



COMMUNITY GATHERING AREA

Community Gathering Area – Approximately 0.035 acres



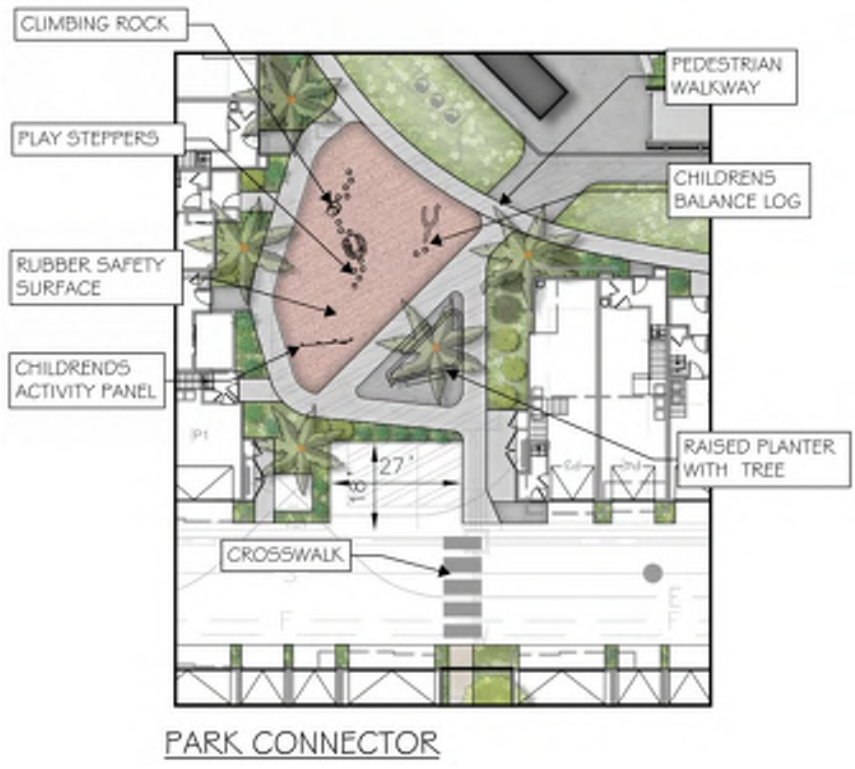
LARGE DOG PARK

Large Dog Park – Approximately 0.06 acres

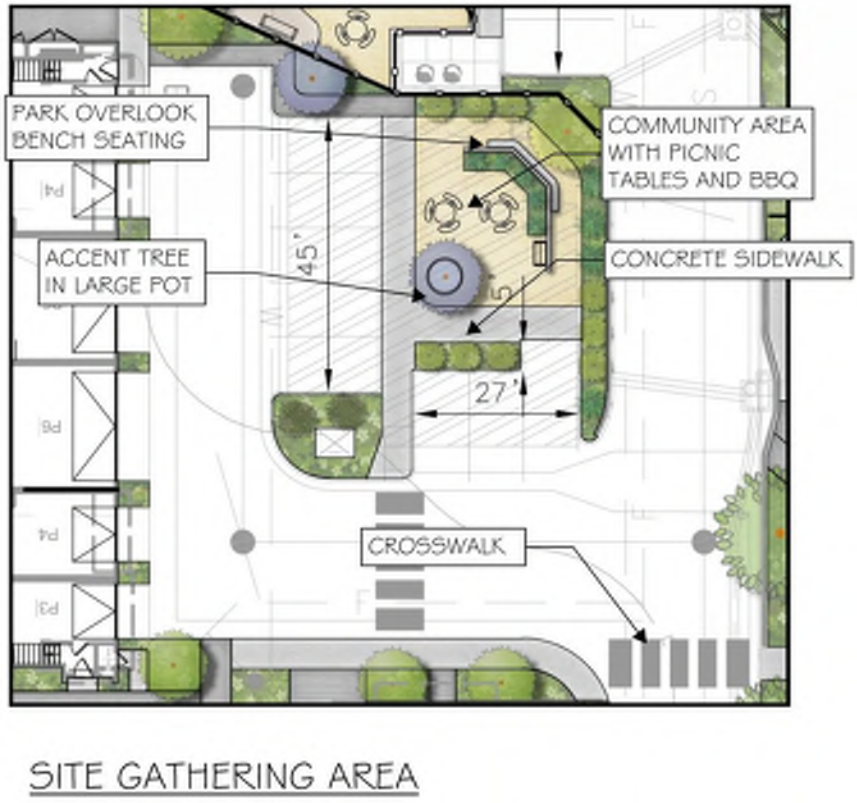
Small Dog Park – Approximately 0.03 acre

4.5.2.3 Site Amenities

There will be two (2) publicly accessible HOA owned and maintained amenities on the project site. The Park Connector and Site Gathering area are intended to serve the needs of future residents. The Park Connector will feature an adventure playground with contouring mounding, play apparatus with minimal footings, rubberized or wooden fiber play surface, and elements such as steppers, logs, or climbing rock. The Project will have onsite amenities woven throughout that offer options for every age demographic.



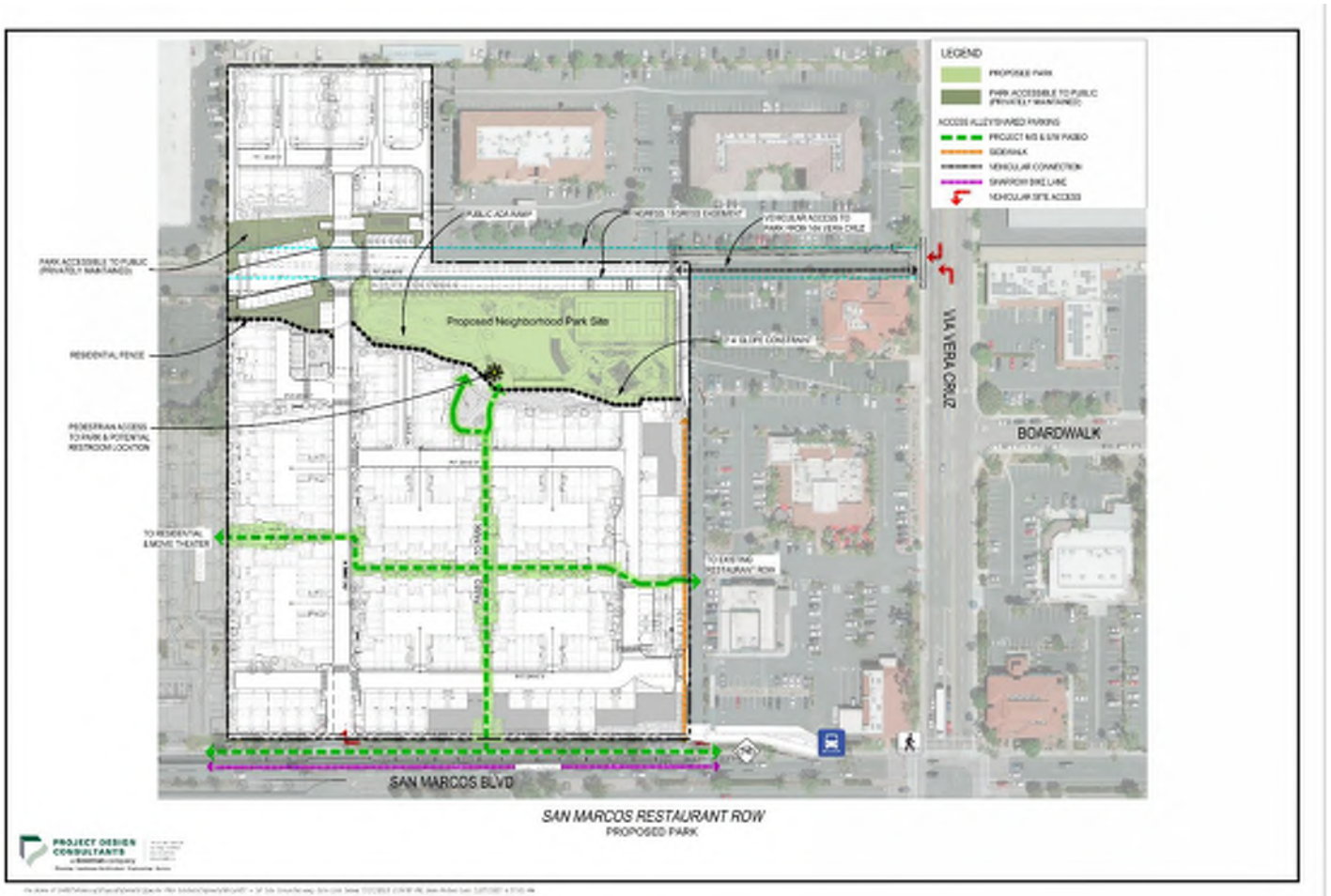
Park Connector – Approximately 0.06 acre



Site Gathering Area – Approximately 0.025 acres

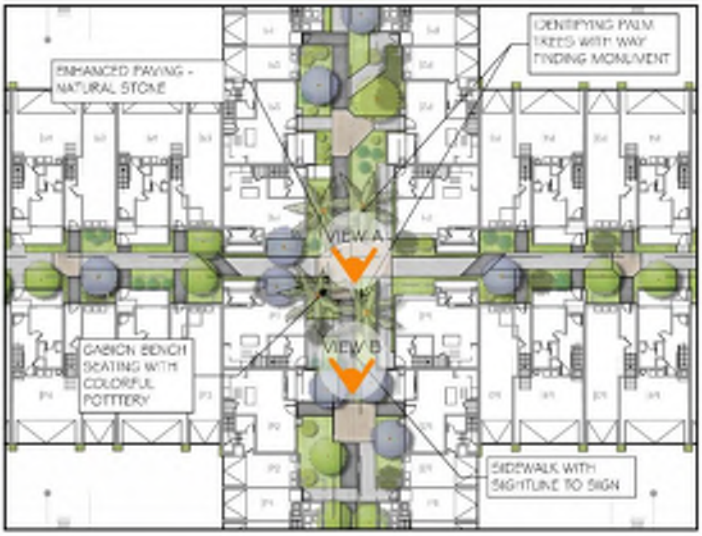
4.5.3 Paseos

Pedestrian connections along San Marcos Boulevard and within adjacent developments are an important goal for both Restaurant Row and the City. The project will provide east to west and south to north paseos that traverse the site and create easily accessible walkable spaces intended to preserve and enhance pedestrian connectivity to adjacent properties and commercial nodes. The south to north paseo will provide a link from San Marcos Boulevard to the public park. The east to west paseo will provide a pedestrian connection from the commercial/restaurants on the east, through the future residential neighborhood, and onto the movie theater on the west. The pedestrian connections will be punctuated with social gathering nodes and opportunities for public art. Additional internal pathways lead to the open space amenities at the northeastern end of the project site, existing restaurants to the east, San Marcos Boulevard, and the Creek District Specific Plan area to the south. Decorative paving and enhanced colored concrete will also provide subtle wayfinding to help pedestrians navigate the site.



NORTH
SCALE: NTS

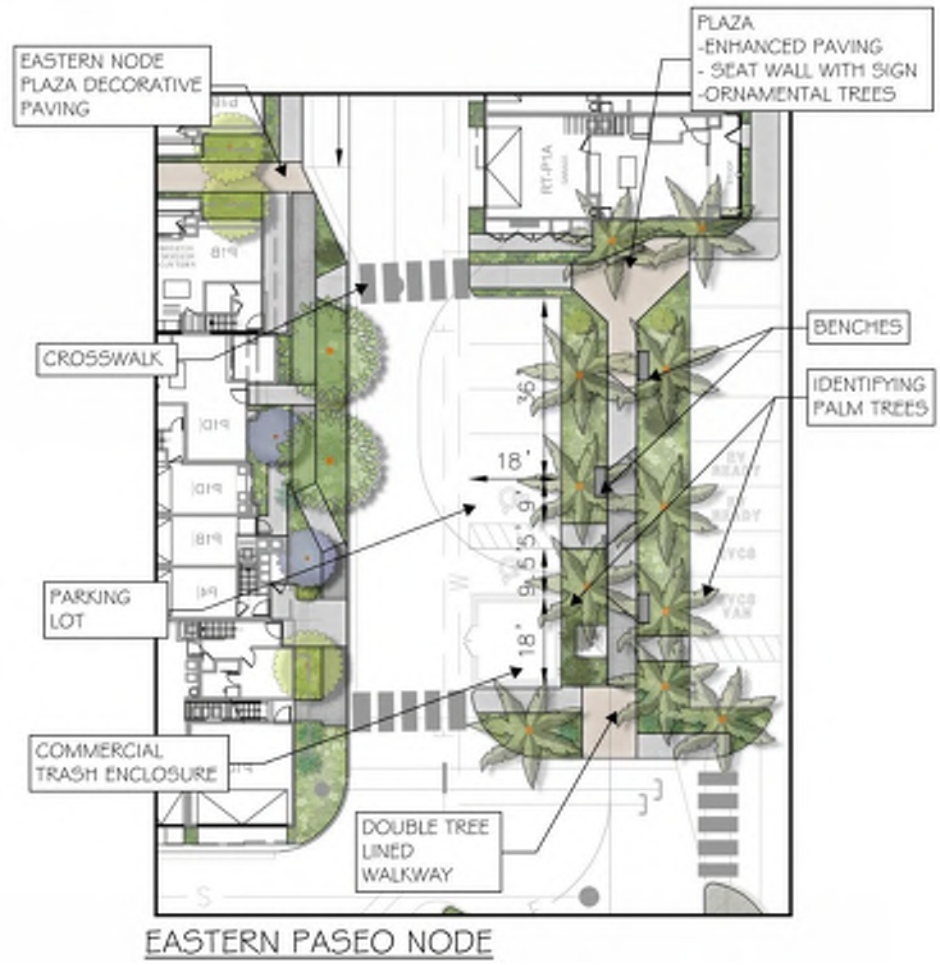
Figure 4.13
Paseos
Restaurant Row



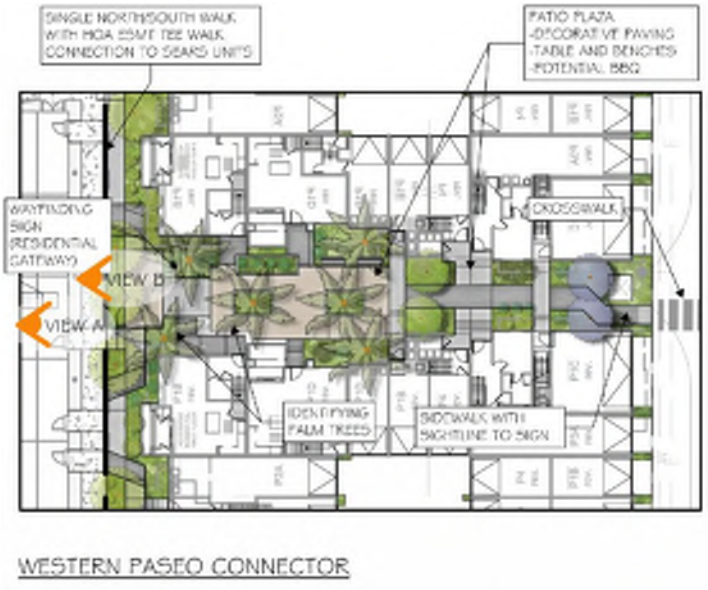
Center Paseo Merge – Approximately 0.05 acres

Center Paseo Merge View - A

Center Paseo Merge - View B



Eastern Paseo Node – Approximately 0.06 acres



Western Paseo Connector Area – Approximately 0.07 acres

Western Paseo Connector - View A

Western Paseo Connector - View B

4.5.4 Plant Palettes

4.5.4.1 Site Planting Legend

The interior site areas are to be planted with the functional purpose of providing shade while embodying an aesthetic quality of colorful material. The sloped areas will have plant species with deep rooting characteristics in conformance with the grading ordinance. Drought tolerant native and naturalized species are to be planted in an informal pattern. Seasonal maintenance will be needed once established. Acceptable species include but are not limited to:

Street Trees

Street tree grates will be provided to improve the pedestrian experience.

Form/Function: Medium to large deciduous, round head, shade, with root systems compatible with underground utilities and street/sidewalk maintenance. Street trees are subject to change by City.

- *Arbutus marina* (Marina Madrone)
- *Cassia leptophylla* (Gold Medallion Tree
- *Jacaranda mimosifolia* (Jacaranda)
- *Koelreuteria bipinnata* (Chinese Flame Tree)
- *Koelreuteria paniculata* (Golden Rain Tree)
- *Lagerstromia indica* spp. (Crape Myrtle)
- *Meterosideros excelsa* (New Zealand Christmas Tree)
- *Platanus x acerifolia* 'Bloodgood' (London Plane Tree)
- *Podocarpus gracilior* (Fern Pine)
- *Pyrus calleryana* (Pear Tree)
- *Searsia lancea* (African Sumac)

Palm Trees (Private only)

Form/Function: Vertical interest, Wayfinding Palm trees

- *Archontophoenix alexandrae* (King Palm)
- *Bismarkia nobilis* (Bismark Palm)
- *Phoenix dactylifera* 'Medjool' (Medjool Date Palm)

Accent Trees

Form/Function: Ornamental structure or flowering accent trees

- *Aloe 'Hercules'* (Hercules Aloe)
- *Acacia stenophylla* (Shoestring Acacia)
- *Bauhinia purpurea* (Purple Orchid Tree)
- *Cassia leptophylla* (Gold Medallion Tree)
- *Eriobotrya deflexa* (Bronze Loquat)
- *Lagerstroemia hybrids* (Crape Myrtle)
- *Liriodendron tulipifera* 'Arnold' (Arnold Tulip Tree)
- *Podocarpus henkelii* (Long Leafed Yellow-Wood)
- *Raphiolepis indica* 'Majestic Beauty' (Majestic Beauty Patio Tree)

- *Schinus molle* (California Pepper)-for historic reference (planted with deep root barriers)
- *Stenocarpus sinuatus* (Fire Wheel Tree)

Shrubs 36" O.C.

Form/Function: Medium size ornamental shrubs

- *Agave* 'Blue Flame' (Blue Flame Agave)
- *Aloe* Spp. (Aloe)
- *Anigozanthos 'Bush Sunset'* (Bush Sunset Kangaroo Paw)
- *Callistemon viminalis* 'Little John' (Little John Bottlebush)
- *Cistus* Spp. (Purple rockrose)
- *Dianella revoluta* (Little Rev Flax Lily)
- *Dietes grandiflora* (Fortnight Lily)
- *Lantana montevidensis* (Purple Lantana)
- *Leptospermum scoparium* (New Zealand Tea Tree)
- *Nandina domestica* (Heavenly Bamboo)
- *Nandina domestica* 'Gulf Stream' (Gulf Stream Nandina)
- *Phormium tenax* spp. (New Zealand Flax)
- *Pittosporum* spp. (Pittosporum)
- *Raphiolepsis indica* 'Ballerina' (Indian Hawthorne)
- *Salvi*a spp. (Salvia)
- *Strelitzia nicolai* (Giant Bird of Paradise)
- *Strelitzia juncea* (Narrowleaf B.O.P.)

Groundcover & Accents

Form/Function: Low Ornamental Groundcover

- *Dymondia margaretae* (Silver Carpet)
- *Myoporum parvifolium*(Creeping Myoporum)
- *Rosmarinus officianalis* Irene (Trailing Blue Rosemary)
- *Senecio serpens* (Blue Chalksticks)
- *Thymus serpyllum* (Creeping Thyme)
- *Trachelospermum jasminoides* (Star Jasmine)
- *Tulbaghia violacea* (Variegated Society Garlic)

Non-Invasive Grasses

Form/Function: Accent Grasses

- *Carex spissa* (San Diego Sedge)
- *Festuca glauca* 'Elijah Blue' (Elijah Blue Fescue)
- *Muhlenbergia rigens* (Deer Grass)
- *Muhlenbergia capillaris* (Pink Muhly Grass)

Vines

Form/Function: Upright Vines

- *Bougainvilla* spectabilis 'Barbara Karst' (Barbbara Karst Bougainvilla)
- *Distictis* 'Rivers' (Royal Trumpet Vine)
- *Jasminum polyanthum* (Pink Jasmine)
- *Trachelospermum jasminiodes* (Star Jasmine)
- *Tecomaria capensis* (Cape Honeysuckle)

4.5.4.2 Park Planting Legend

Recreational areas will be planted with drought tolerant plants that are also safe for children and pets. The plant selection will be based on those species which will be acceptable within the flood zone. Species will be able to tolerate being occasionally inundated while not impeding the flow of storm water. Lawn areas may be used to easily convey the storm event while providing for open play for children and pets. The tree selection will include upright vertically oriented species. The adjacent side slopes will feature a variety of trees and shrubs to stabilize edges from erosion.

A combination of small to medium trees will be coupled with occasional groupings of flowering shrubs. Groundcover will be incorporated to add visual interest. The following plant palette is suggested, but is not limited to, the following species:

Recreational Area Trees

Form/Function: Shade, Seasonal color, Medium to Large Canopy

- *Agonis flexuosa* (Peppermint Willow)
- *Cassia leptophylla* (Golden Medallion)
- *Cercis occidentalis* (Western Redbud)
- *Jacaranda mimosifolia* (Jacaranda)
- *Lophostemon confertus* Brisbane Box)
- *Tipuana tipu* (Tipu Tree)
- *Quercus agrifolia* (Coast Live Oak)

Vertical Trees

Form/Function: Vertical Interest

- Brachychiton populneus (Bottletree)
- *Hymenosporum flavum (Sweetshade)*
- *Liquidambar styraciflua (Sweetgum)*

Recreational Area Shrubs, Grasses and Groundcovers

Form/Function: Evergreen, screening, accent color, drought tolerant

Shrubs:

- *Arbutus unedo* 'Compacta' (Dwarf Strawberry Tree)
- *Cistus x purpeus* (Orchid Rockrose)

- *Ceanothus* spp. (Ceanothus)
- *Dianella revoluta* (Little Rev Flax Lily)
- *Dietes grandiflora* (Fortnight Lilly)
- *Juncus patens* (Common Rush)
- *Olea europaea* 'Little Ollie' (Dwarf Olive)
- *Rhaphiolepis indica* 'Ballerina' (Indian Hawthorn)
- *Rosemarinus officinalis* (Rosemary)
- *Salvia* spp. (Sage)
- *Teucrium fruticans* (Bush Germander)
- *Westringia fruticosa* 'Mundi' (Low Coast Rosemary)

Grasses:

- *Carex spissa* (San Diego Sedge)
- *Festuca glauca* 'Elijah Blue (Elijah Blue Fescue)
- *Leymus condensatus* 'Canyon Prince' (Canyon Prince Wild Rye)
- *Muhlenbergia rigens* (Deer Grass)
- *Muhlenbergia capillaris* (Pink Muhly Grass)

Groundcovers:

- *Baccharis pilularis* 'Pigeon Point' (Pigeon Point Coyote Brush)
- *Ceanothus thyrsifolia* 'Yankee Point' (Yankee Point Wild Lilac)
- *Dymondia margaretae* (Silver Carpet)
- *Iva hayesiana* (Poverty Weed)
- *Lantana* spp. (Lantana)
- *Lippia nodiflora* (Kurapia)
- *Verbena rigida* (Sandpiper)

Turf:

- Tall Fescue
- UC Verde Buffalo Grass
- Kurapia
- Bandera Bermuda

Slopes (Temporary Irrigation) Hydroseed Mix

The slope areas are to be hydroseeded with a mix of native plant material to aid in controlling soil erosion. Approximately 50% of the seed mix is to contain plant material that will grow to 24" or less.

Coastal Sage Scrub Hydroseed Mix

- *Artemesia californica* (Coastal Sage Brush)
- *Encelia californica* (California Sunflower)
- *Eriogonum fasciculatum* (California Buckwheat)
- *Eriophyllum confertiflorum* (Golden Yarrow)
- *Eschscholzia californica* (California Poppy)
- *Lotus scoparius* (Deerweed)

- *Lupinus bicolor* (Miniture Lupine)
- *Lupinus nanus* (Sky Lupine)
- *Mimulus aurantiacus puniceus* (Red Monkey-Flower)
- *Salvia mellifera* (Black Sage)
- *Nassella pulchra* (Purple Needle Grass)

5.0 FORM-BASED CODE

5.1 Introduction Applicability

The purpose of this Form-Based Code is to provide a set of development regulations and procedures for property owners or developers to implement the envisioned urban form and character of Restaurant Row. This Form-Based Code applies to future development and redevelopment within Restaurant Row. The Code regulates the massing of proposed development through building heights, setbacks, building form, and orientation.

5.2 Land Use Designation

The Restaurant Row Project Specific Plan will include one land use typology, which will be Specific Plan Area. This individual land use will accommodate the multi-family mixed-use development planned for future development. The site has a density of 21.7 du/ac, consistent with the Mixed Use 1 (MU1) General Plan land use classification of 20.0-30.0 du/ac. Open space within the Specific Plan Area will total approximately 2 acres. Components of the three sub-categories of open space will be defined by the following forms: passive open space (landscaping, bio-retention basins), active open space (open turf areas, tot-lots/playgrounds, amphitheater, etc.), and private open space (porches, balconies, etc.). These features comprise a well-rounded residential neighborhood that is supportive of community activities and the wellness of the residents.

Table 5.1 – Land Use Designation

Residential Land Use	Provided by project (in acres)
Multi-Family Residential	3.3
Commercial	0.24
Driveways/Alleys/ Parking/Loading/misc. sidewalks	3.86
Common Open Space area w/ grades 10% or greater	0
Common Open Space area w/ grades less than 10%	1.2
Public Park	1.1
Private Open Space	.56
Bio-Retention Areas	.24
Site Total	10.5

Figure 5.1

Land Use Designation Plan

Restaurant Row

5.3 Zoning Designations and Development Regulations

As discussed in Section 2.3.2, the Restaurant Row Specific Plan zoning map consists of a single on-site designation: Specific Plan Area (SPA).

Home types will be sited in a manner that supports the future of San Marcos Boulevard developments planned in the San Marcos General Plan. This section provides the framework for the implementation of the Specific Plan zoning designation and development regulations.

Commercial, Town over Commercial, Front Street Rowtown, Greencourt Townhomes, and Motorcourt are the five building developments that are permitted within this zone.

Table 5.2: Specific Plan Development Regulations

Development Regulation	Specific Plan
Residential Minimum	20.0
Residential Maximum	30.0
FAR Minimum	0.30
FAR Maximum	1.75
Minimum Building Height	10’
Ground Floor Commercial Height	10’
San Marcos Boulevard. - Building Placement	**Residential** = 40% @ 3’ offset from right of way **Corner commercial** = 15% @ 8’ offset from right of way **Central commercial** = 19% @ 25’ offset from right of way
Pedestrian-Oriented	**Central courtyard** = 6% @ 25’ from the right of way
Interior Property Line	5’
Alley Property Line	35’
Western Residential Property Setback	9’
San Marcos Boulevard Front Setback	5’
Eastern Residential Property Setback	10’
Rear Setback	10’

Permitted Uses

The following land uses are permitted throughout the Specific Plan and are further defined in Section 5 of this Specific Plan. However, they may be amended from time to time by the City of San Marcos.

Table 5.3: Permitted Mixed Uses

Use	Commercial	Town over Commercial	Greencourt	Motorcourt	Frontstreet Rowtown	Plaza
Multifamily Dwelling	---	P	P	P	P	---
Accessory Dwelling Units (ADU)*	---	A	A	A	A	---
Rooming House	---	---	---	---	---	---
Live-Work Unit	CUP	P	---	---	P	---
Artist Studio	P	DP	DP	DP	DP	DP

Use	Commercial	Town over Commercial	Greencourt	Motorcourt	Frontstreet Rowtown	Plaza
Banks and Other Financial Institution	P	---	---	---	---	---
Bar	DP	---	---	---	---	---
Builder Sales Office/Design Studio	T	T	T	T	T	---
Clubs and Lodges	DP	---	---	---	---	---
Daycare, Large	DP	---	---	---	---	---
Farmer's Market (Certified) Outdoor	DP	---	---	---	---	DP
Food and beverage sales	P	---	---	---	---	---
Industrial Design and Services	P	---	---	---	---	---
Live Entertainment as an accessory use	DP	---	---	---	---	DP
Massage, Accessory Use	DP	---	---	---	---	---
Merchandise Sales, New Retail	P	---	---	---	---	---
Microbrewery	DP	---	---	---	---	---
Museum, Library, or Gallery	P	---	---	---	---	---
Office: Administrative, Business, Corporate, non-profit	P	---	---	---	---	---
On-Premises Alcoholic Beverage Sales	P	---	---	---	---	---
Use	**Commercial**	**Town over Commercial**	**Greencourt**	**Motorcourt**	**Frontstreet Rowtown**	**Plaza**
Outdoor Dining	A/DP	---	---	---	---	P/DP
Personal Instructional Services	P	---	---	---	---	---
Personal Services, General (Per Section 20.600.180)	DP/CUP	---	---	---	---	---
Personal Services: Fitness/Health Facility/Limited Instructions	DP	---	---	---	---	---
Places of Assembly (Small)	ZA	---	---	---	---	T
Restaurant – > 2,000 sq.ft.	P	---	---	---	---	---
Restaurant – < 2,000 sq.ft.	P	---	---	---	---	---
Restaurant – with Live Entertainment	DP	---	---	---	---	---

Tasting Room without food service	P	---	---	---	---	---

A – (Accessory Uses) Permitted uses restricted to accessory uses in conjunction with a primary permitted use.
P – (Permitted Uses) subject to compliance with all applicable provisions of this Zoning Ordinance.
CUP – (Conditional Use Permit) A Conditional Use Permit is required from the City of San Marcos
ZA – (Zoning Approval) Subject to review and approval per the process standards of Chapter 20.500
DP – (Director Permit) Permitted subject to Planning Director review, condition, and determination.
T – (Temporary) Permitted as a temporary uses restricted to limited occurrences and time periods.
--- – (Prohibited) Use not allowed.

*Accessory Dwelling Units (ADU) shall be reviewed by the projects HOA for aesthetic compatibility with the Specific Plan with appropriate permitting through the City per the States guidelines.
When a use is not specifically listed, that use is prohibited. However, consistent with SMMC Section 20.205.030(C) (Unlisted and Similar Compatible Uses), the City of San Marcos Planning Director shall have the authority to determine whether the proposed use shall be permitted or conditionally permitted based on the finding that the proposed use is similar to and no more detrimental than a particular use permitted in the Zone.

Neighborhood public park is subject to the land use regulations of the Public Institutional (P-I) Zone (SMMC Chp. 20.240), as updated from time to time by the City.

Parking requirements for the land uses outlined in Table 5.3 are outlined in Section 5.5.

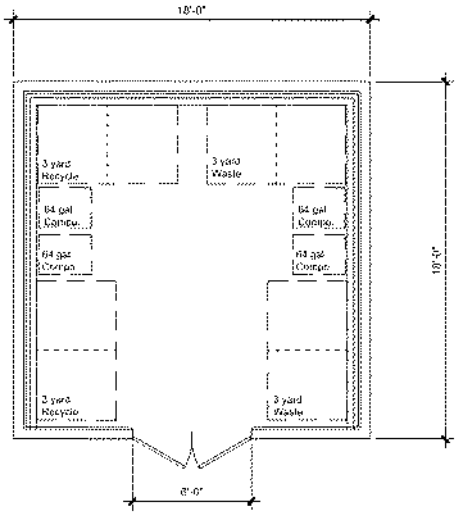
5.4 Urban Standards

The following development standards have been devised to implement the pedestrian-oriented, multi-modal character envisioned by the Specific Plan. Incorporation of any of the residential products described in section 4.3 shall be permitted provided that the maximum residential density does not exceed the site standards.

5.4.1 Commercial

Commercial spaces are located along street frontages and adjacent to plazas and paseos. These spaces are generally located on the ground floor. Some spaces are larger than others with heights ranging from 10 to 25 feet. The commercial spaces located below the Town over Commercial homes are smaller in size and range less than 15’ in height. The commercial areas will have the ability to be divided into smaller tenant spaces, depending on the commercial market demand. For permitted uses see Table 5.3: Permitted Mixed Uses

Commercial entities will have the use of the commercial trash facilities which are located on the south-west side of Pvt. Drive “C”. These facilities will house trash (waste), recycling, and compost, and will be locked to prevent illegal dumping.



Trash Enclosure 4 F&B Tenants
Service frequency: 3x per week: Waste
Service frequency: 5x per week: Recycling
Service frequency: 2x per week Compost

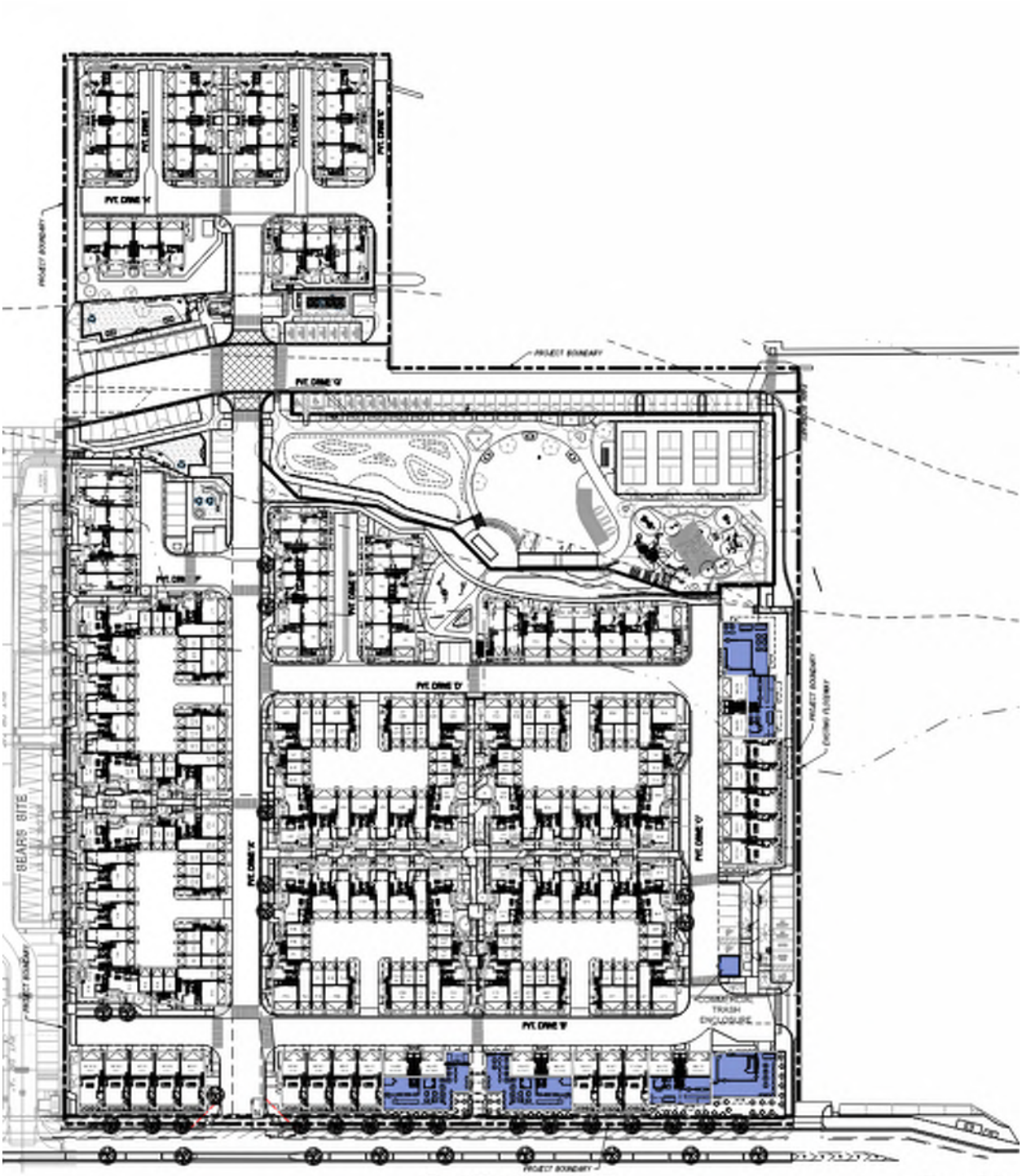


Figure 5.2

Commercial Key Map

Restaurant Row

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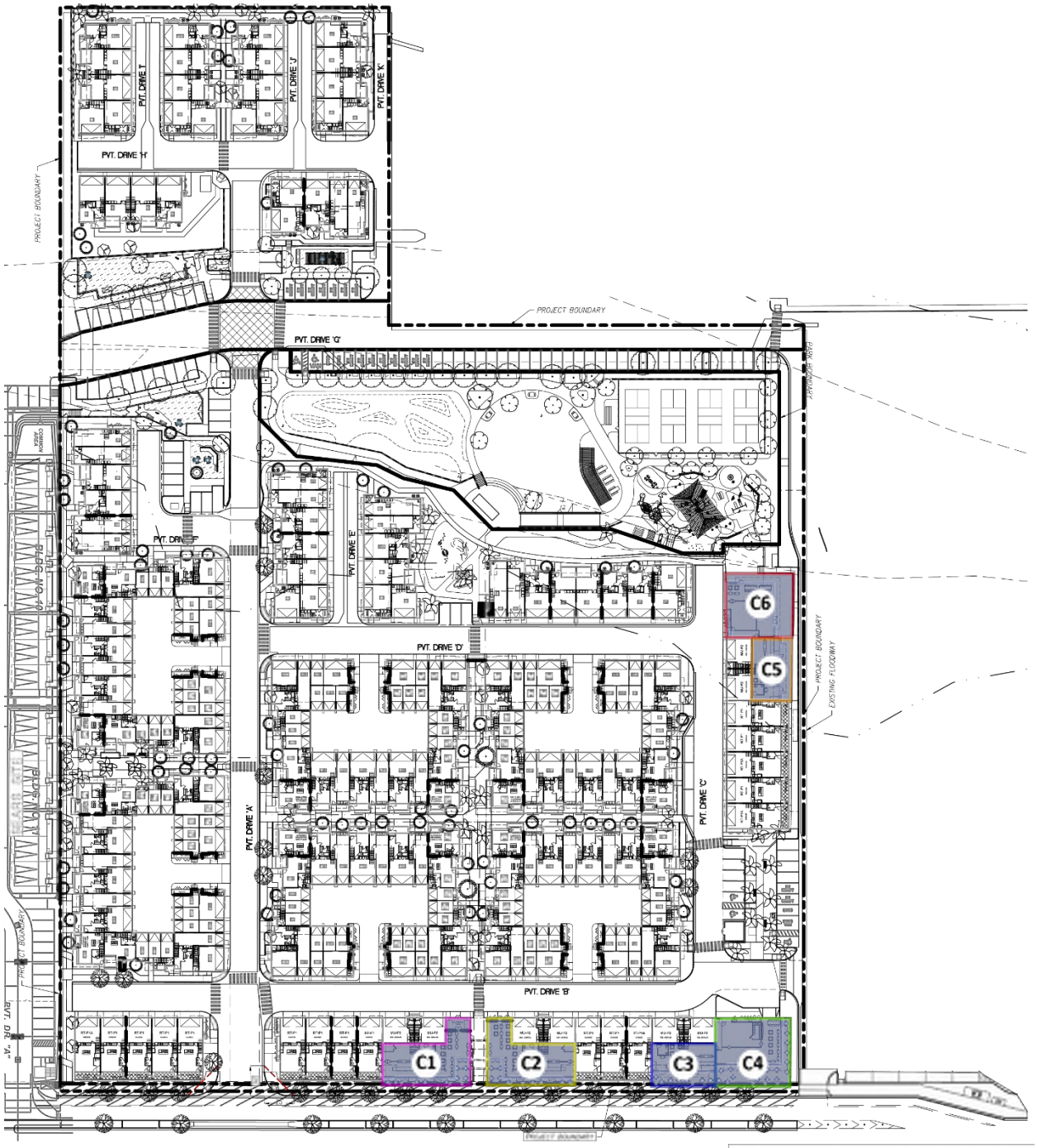
Table 5.4 - Commercial Urban Standards	
Unit Size	Varies
Building Height	One floor – 10’ to 25’
Building Placement	Along San Marcos Boulevard and the northeast corner of the project site
Allowable Building Frontage Types	Commercial
Private Recreation Space	n/a
Type of Parking	Open bay spaces

Note:

Dining opportunities at Restaurant Row are open to a wider customer base due to the proximity to multi-modal transportation. However, vehicular access has also been accommodated by providing ample parking space in accordance with standards from the City of San Marcos. The outdoor dining will be in accordance with Section 20.400.150 Outdoor Dining section of the Municipal Code.

Restaurant definitions from the municipal code Sections 20.400.150 and 20.600.170 are as follows:

Outdoor Dining (land use).
To energize the Restaurant Row experience, private outdoor dining will be the forefront for activating the streetscape. The outdoor spaces will be open and seamless to all patrons of the commercial uses. The area limits would be determined based on final permitting by the City.
For long term flexibility, the actual private outdoor dining areas will depend on the final building layout perimeter fencing and, leasing tenants. Individual restaurant tenant spaces would be allowed to create exclusive outdoor dining areas (meaning an area fenced off for use only by that individual restaurant) of up to 35% of the cumulative net commercial interior square footage. Additional exclusive outdoor dining area exceeding 35% may be provided with the approval of a Director’s Permit (DP), pursuant to the provisions of Section 5.5.3



NORTH
SCALE: NTS

Figure 5.2.1

Commercial With Patio Space

Restaurant Row

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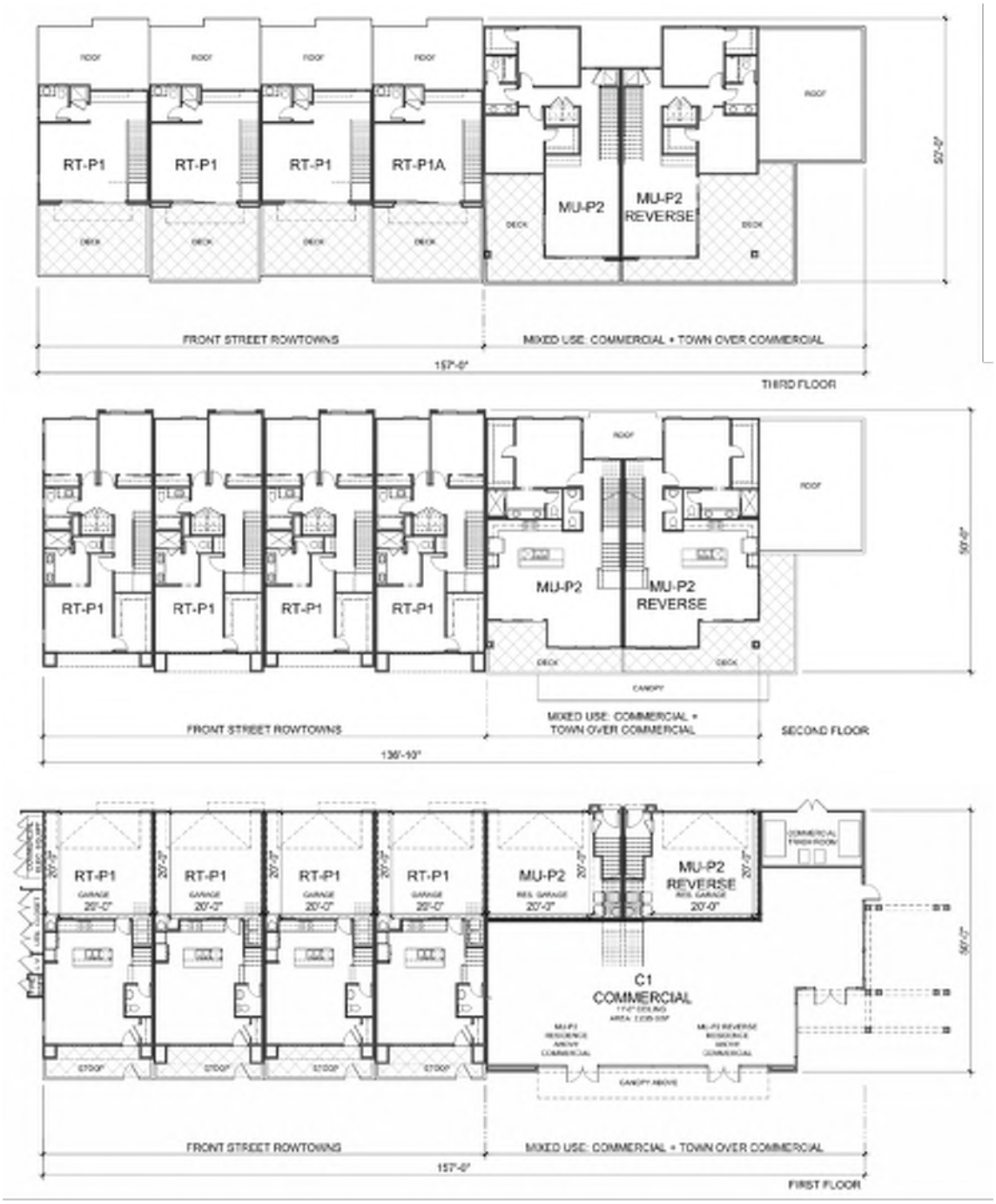

Figure 5.3
Commercial Diagrams
Restaurant Row

5.4.2 Town over Commercial Buildings

There are currently eight Town over Commercial units shown on the project site plan. This product type will include six 3-bedroom units along San Marcos Boulevard (above the proposed commercial space) and two 3-bedroom units above the commercial space located in the northeastern corner of the development.

The Town over Commercial buildings are intended to increase density along the proposed commercial frontages and create a unique sense of place. The people that occupy these units will often frequent the commercial spaces near them and increase social interaction amongst on-site residents. The commercial space shall be limited to the ground floor and shall be separate from the residential unit with entrances and exits that will not affect residents above.

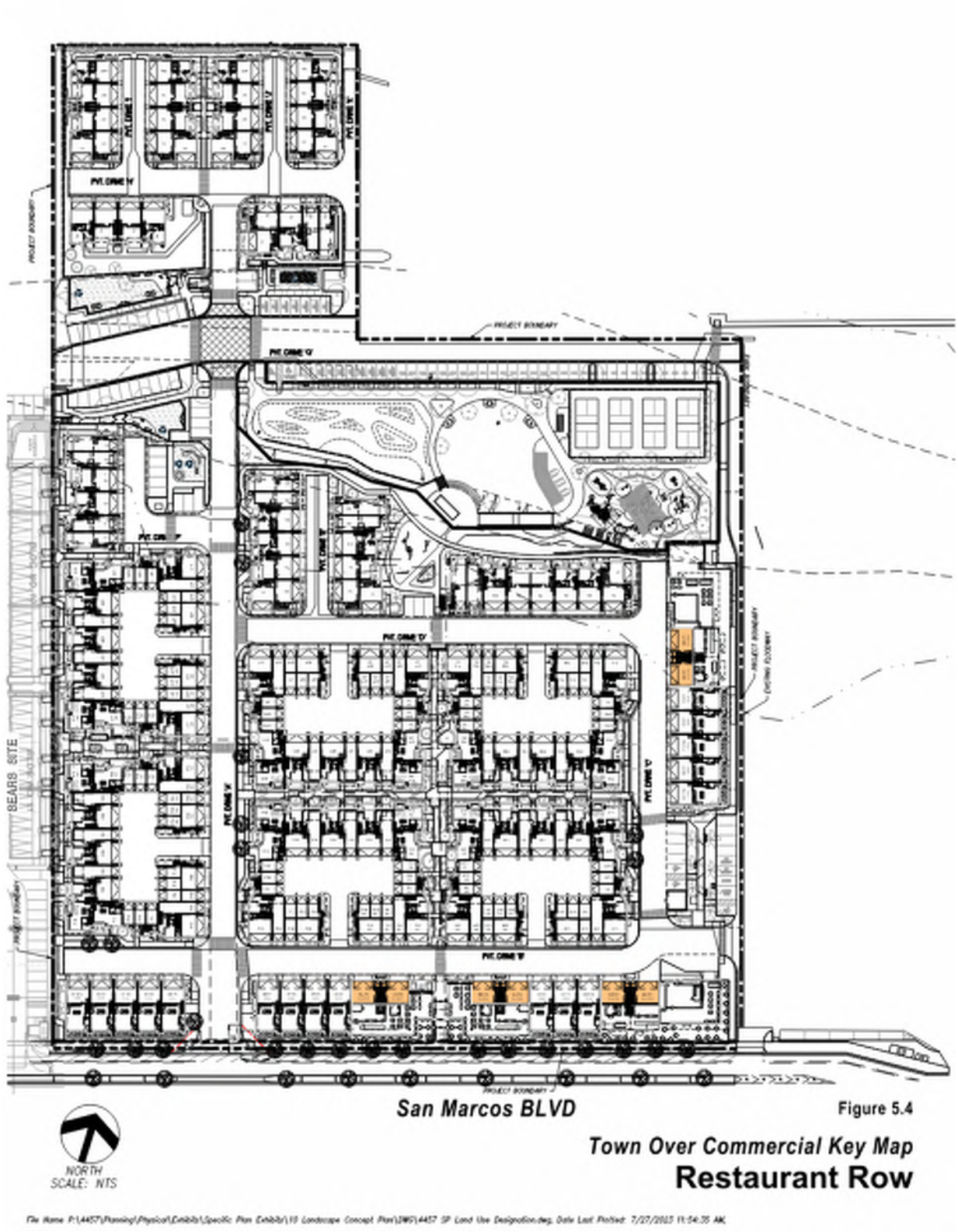

Figure 5.4

Town Over Commercial Key Map

Restaurant Row

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Table 5.5 - Town over Commercial Urban Standards	
Unit Size	Total Living: 2,432 s.f.
Building Height	3 stories with varying roof planes
Building Placement Primary Street Building Placement	Along San Marcos Boulevard and the eastern border of the project site.
Allowable Building Frontage Types	First floor commercial or town homes.
Private Recreation Space	Balcony on second and third floors facing San Marcos Boulevard.
Garage/Parking	2-car garages are attached to units, allowing for direct access.

Town over Commercial Conceptual Image:

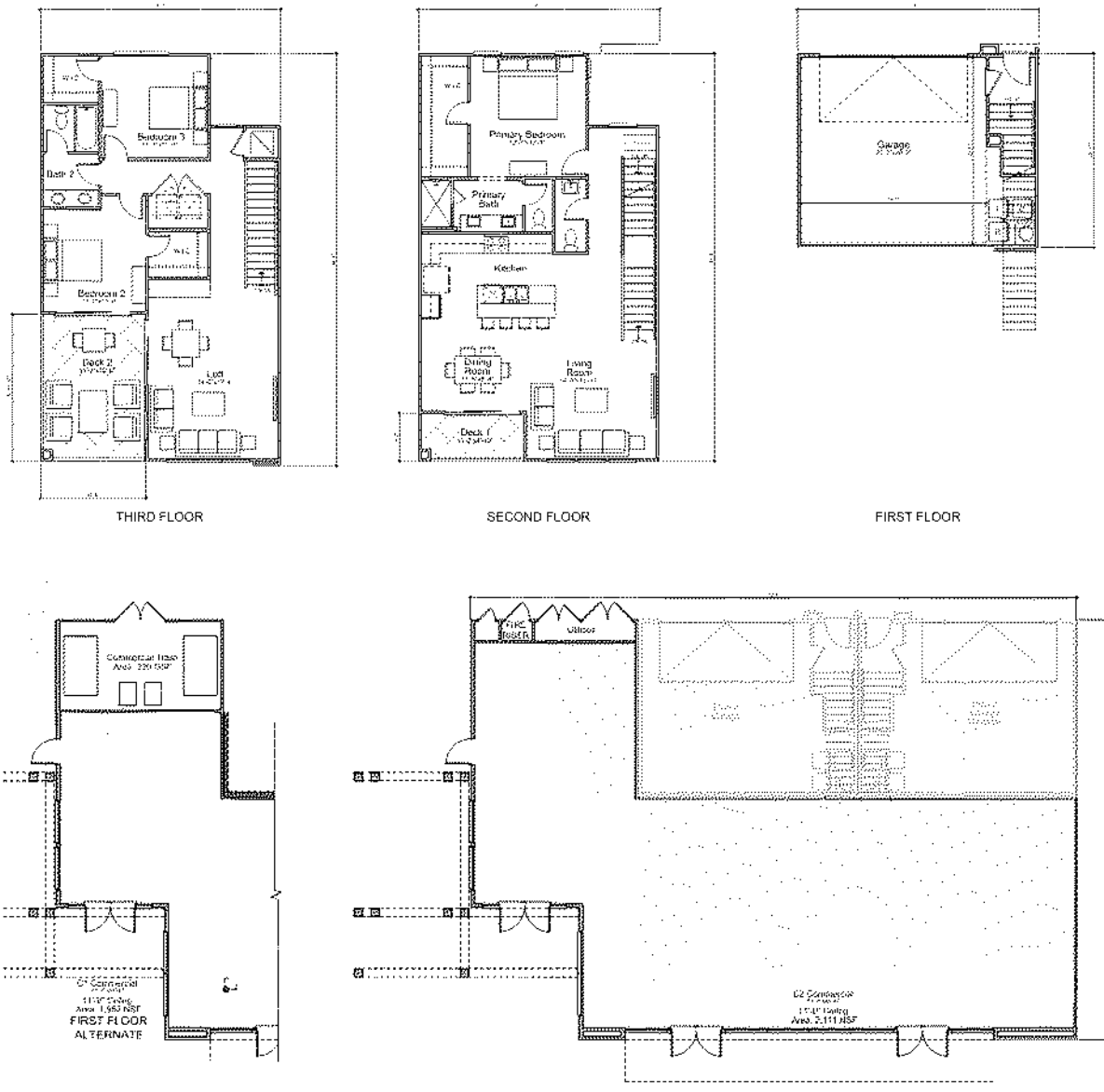

Figure 5.5

Town Over Commercial Diagrams

Restaurant Row

5.4.3 Front Street Rowtown Residential Buildings

The Restaurant Row Specific Plan currently displays 17 Front Street Rowtown dwelling units along both San Marcos Boulevard and the eastern border of the development site. These 3-bedroom units will include interior parking spaces accessible from Private Drive 'B' on San Marcos Boulevard units, and Private Drive 'C' on units located on the eastern border.

The Front Street Rowtown units will provide easy access to nearby commercial spaces as well as privately owned attached garage spaces. The Rowtowns will generate foot traffic along San Marcos Boulevard and potentially increase the number of consumers walking to nearby businesses.

The building frontages shall support quality urban form; windows, doors, balconies, and porches shall be facing the street thus promoting conversation and social interaction.

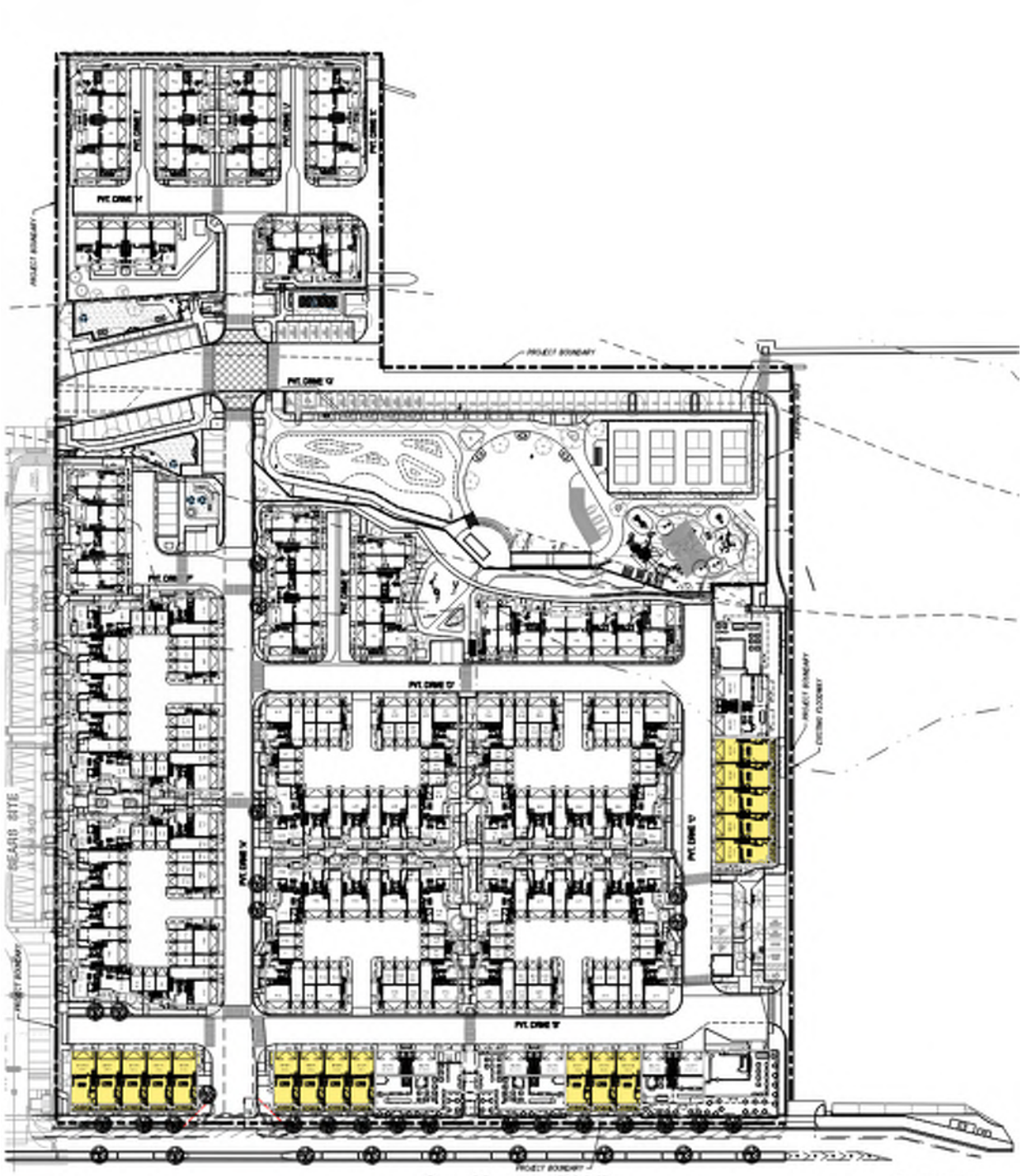

Figure 5.6

Front Street Row Key Map

Restaurant Row

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Table 5.6- Front Street Rowtown Urban Standards	
Unit Size	Total Living: 1,805 s.f.
Building Height	3 stories with varying roof planes
Building Placement	Along San Marcos Boulevard and the Eastern Border of the project site.
Allowable Building Frontage Types	Townhomes with large windows, balconies, and patios.
Private Recreation Space	Gated porches and balconies.
Garage/Parking	Garages are attached to units, allowing for direct access.

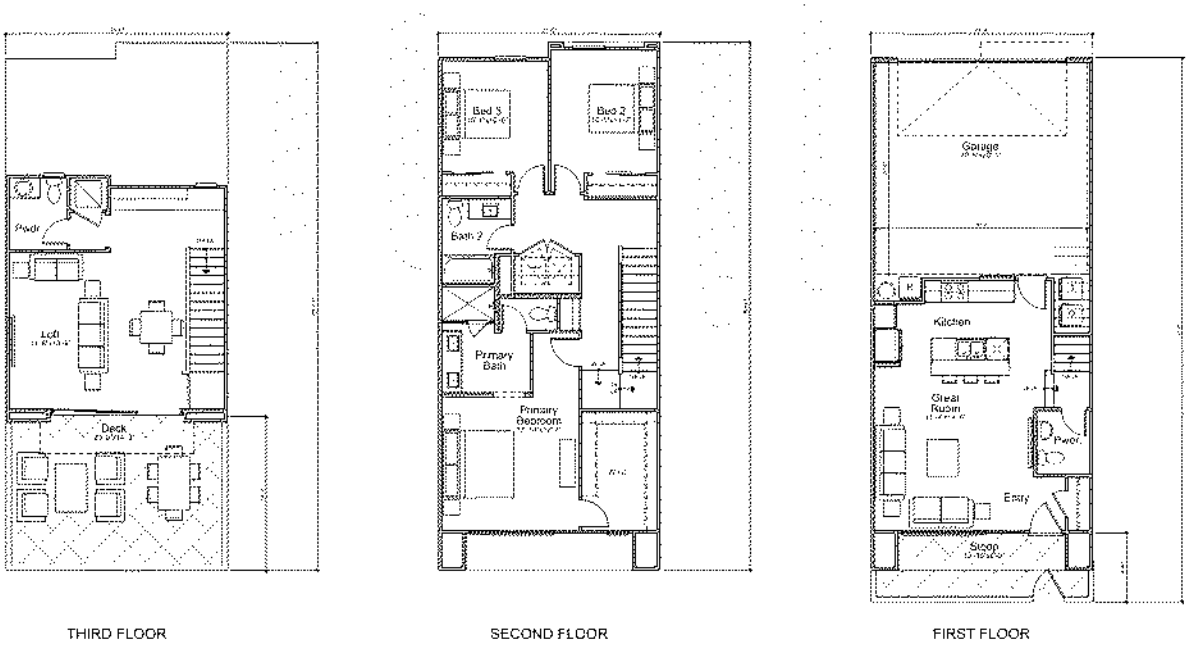

Figure 5.7

Front Street Row Diagrams

Restaurant Row

Front Street Rowtown Conceptual Image:

5.4.4 Greencourt Residential Buildings

The Greencourt residential buildings consist of clustered multi-family attached homes. Buildings range from approximately 1,141 s.f. to 1,633 s.f. in size and feature 2-4 bedrooms and 2 ½ – 3 ½ bathrooms. Garages are located on the ground floor.

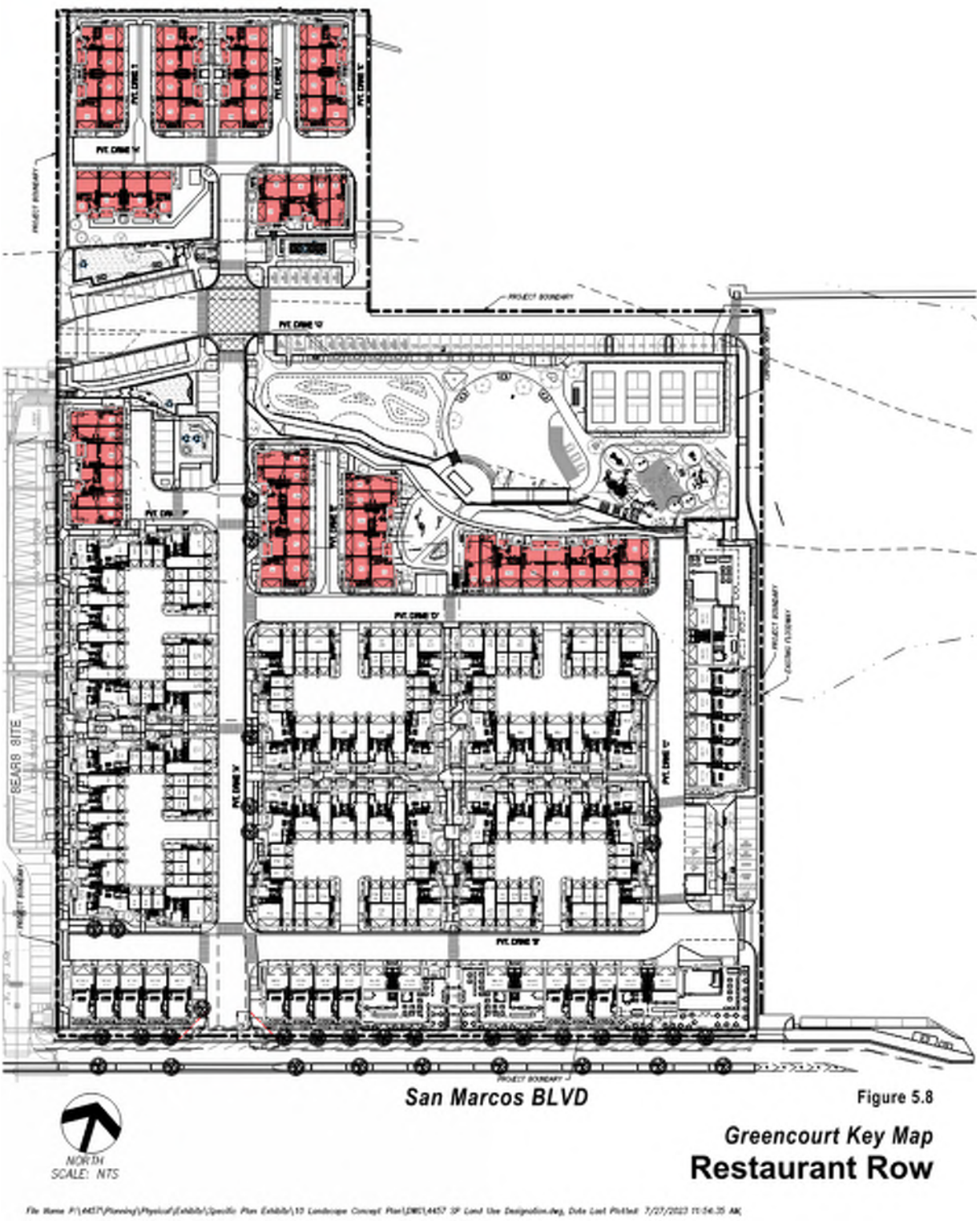

Figure 5.8

Greencourt Key Map

Restaurant Row

Table 5.7 – Greencourt Urban Standards	
Unit Size	Total Living: varying from 1,141 to 1,633 s.f.
Building Height	3 stories with varying roof planes
Building Placement Primary Street Building Placement Pedestrian-Oriented Secondary Street Interior Property Line Alley Property Line	2’ required for 80% of frontage 7’ maximum for 20% of frontage 6’ required for 60% of frontage 10’ maximum for 40% of frontage 0’ 3’
Allowable Building Frontage Types	Townhomes with porches and balconies.
Private Recreation Space	Porches and balconies.
Garage/Parking	Garages are attached to units, allowing for direct access.

Greencourt Conceptual Image:

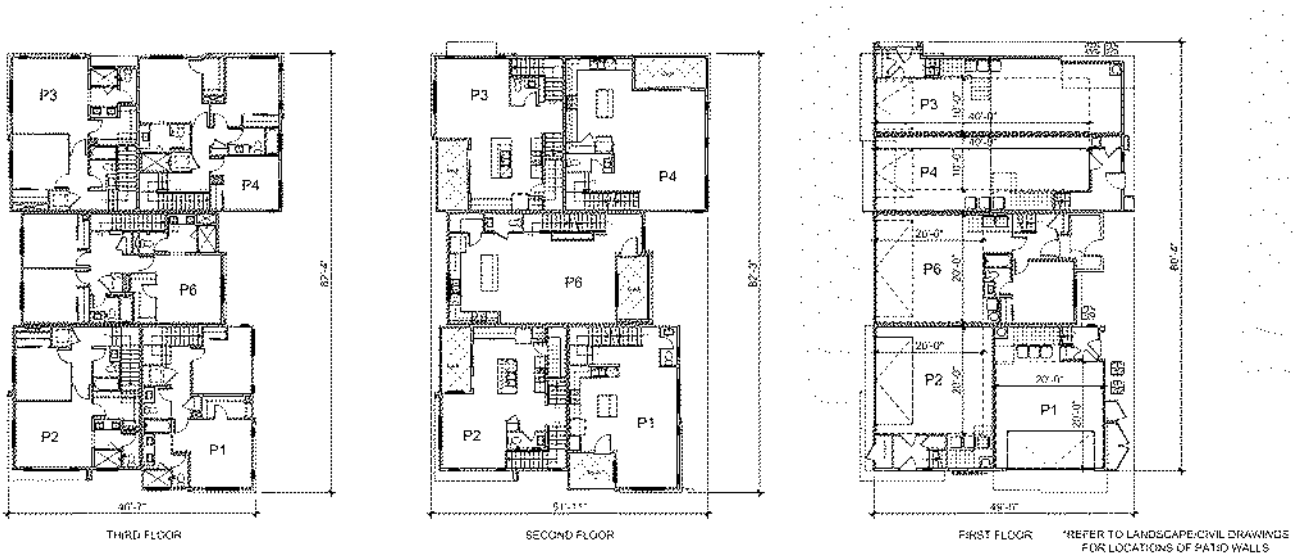

Figure 5.9

Greencourt Diagrams

Restaurant Row

5.4.5 Motorcourt Residential Buildings

The Motorcourts consist of clustered multi-family attached homes situated around a single private driveway. Units range in size from approximately 1,033 s.f. to 1,412 s.f. and feature 2-3 bedrooms and 1 ½ – 3 ½ bathrooms. Garages are located on the ground floor.

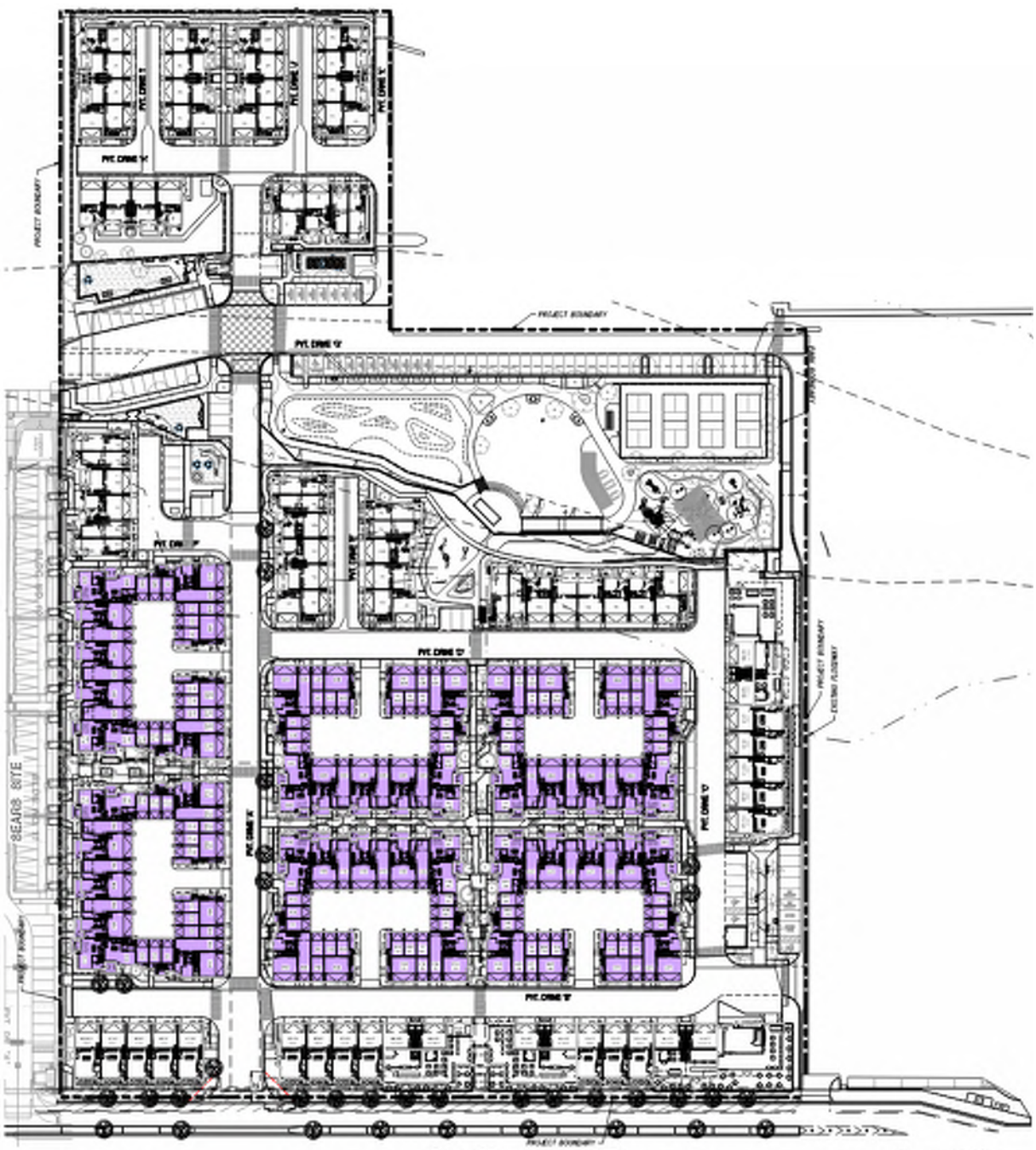

Figure 5.10

Motorcourt Key Map

Restaurant Row

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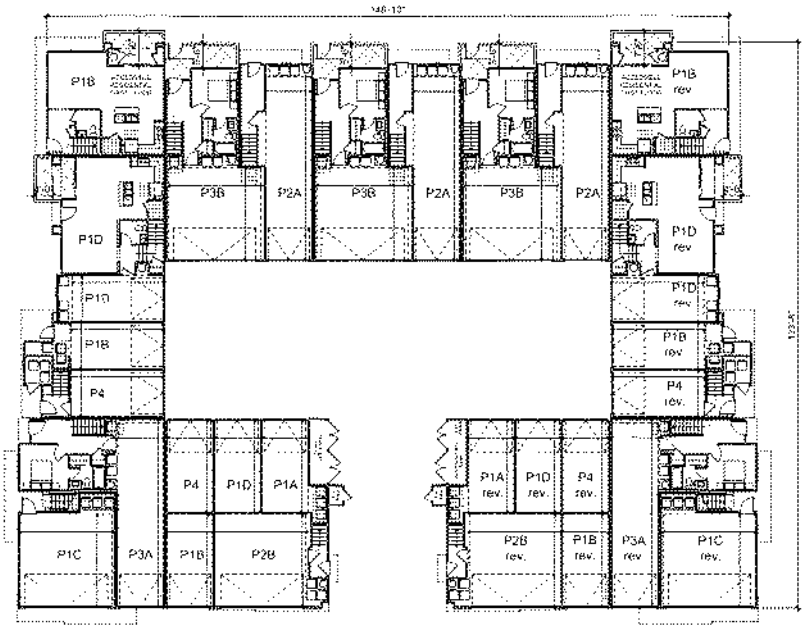
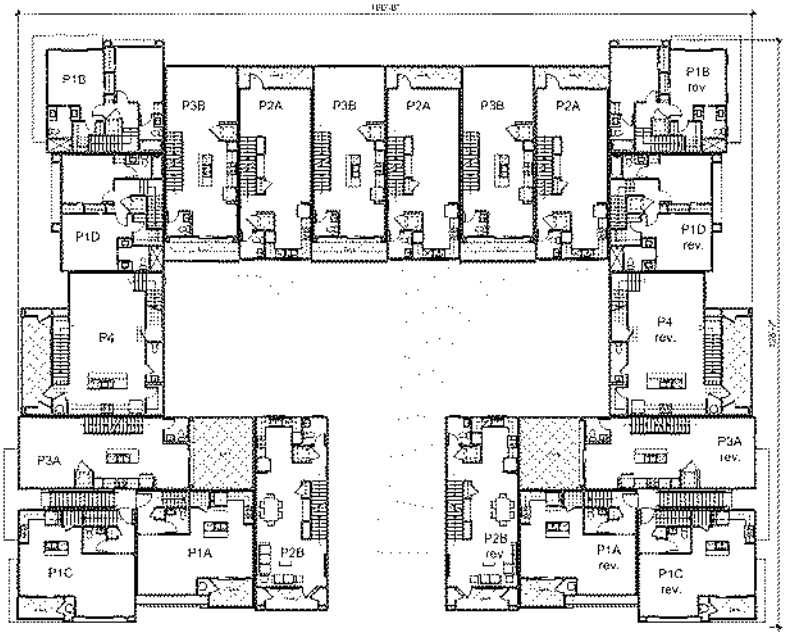
Table 5.8 – Motorcourt Urban Standards	
Unit Size	Total Living: varying from 1,033 to 1,412 s.f.
Building Height	3 stories with varying roof planes
Building Placement Primary Street Building Placement Pedestrian-Oriented Secondary Street Interior Property Line Alley Property Line	 2’ required for 80% of frontage 7’ maximum for 20% of frontage 6’ required for 60% of frontage 10’ maximum for 40% of frontage 0’ 3’
Allowable Building Frontage Types	Townhomes with balconies and garages
Private Recreation Space	Balconies, patios, and porches
Type of Parking	Garages are attached to units, allowing for direct access 9 one car garage units will have open parking on-site designated for their use, per the CC&R’s.

Motorcourt Conceptual Image:



FIRST FLOOR

*REFER TO LANDSCAPE/CIVIL DRAWINGS FOR PATIO WALL VARIATIONS



SECOND FLOOR

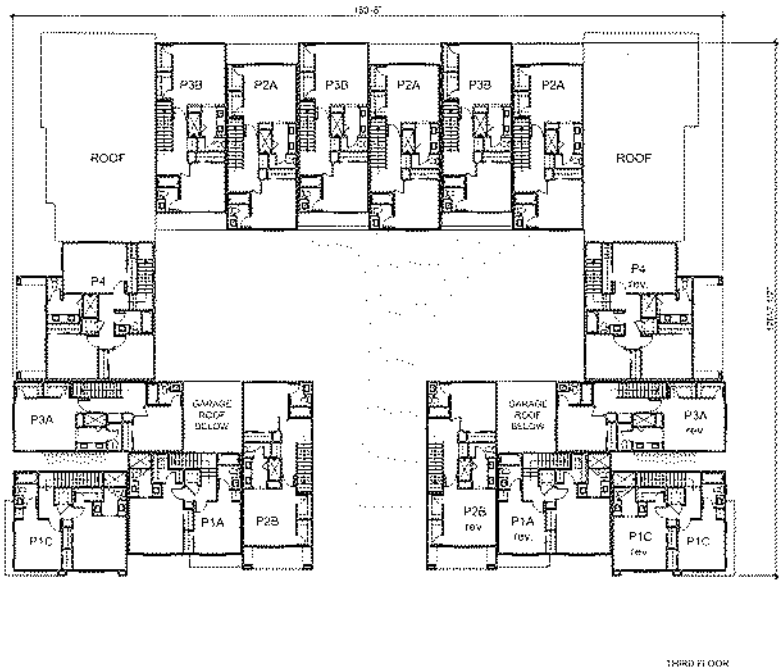


Figure 5.11

Motorcourt Diagrams

Restaurant Row

5.5 Parking Regulations

Development within Restaurant Row will be a combination of private garages that will serve the project residents and open bay parking spaces to accommodate visitors and patrons to the commercial establishments for the Project.

A Parking Management Plan (PMP) will allocate the available onsite parking spaces among onsite uses and will define enforcement measures to ensure onsite compliance. The PMP will be submitted to the City for approval and may not be changed without approval by the City.

Required Parking:

The parking requirements for both the residential and public portions of the project are outlined in the tables below:

Residential Parking Requirements

Land Use	Quantity	Parking Supply Rate	Required Parking Supply
Multi-Family (2 BR)	107 d.u.	2 BR = 1.75/d.u.	188
Multi-Family (3+ BR)	95 d.u.	3 + BR= 2/d.u.	190
Guest Parking	202 d.u.	0.15 per d.u. (1)	31
Total Residential Spaces Needed			**409**

Note:
(1) Rate is based on *Urban Land Use Institute's (ULI) Shared Parking Guide, Third Edition, 2020* as it better reflects the mixed-use and urban environment in which the Proposed Project would be located.

Non Residential Parking Requirements (5)

Land Use	Estimated Quantity	Parking Supply Rate	Required Parking Supply
Park Site	1.1 Acres	9 spaces per acre (1)	10
Restaurant, > 2,000 s.f.	3,232 s.f.	7.5 spaces per 1,000 s.f. (2)	24
Restaurant, < 2,000 s.f.	4,063 s.f. (1)	6.5 spaces per 1,000 s.f. (2)	27
Non-Residential	2,280 s.f. (3)	3 spaces per 1,000 s.f. (4)	7
Total Public Spaces Needed			**68**

See Appendix for parking demand observed at adjacent sit-down restaurants and shared parking agreements.
Notes:
(1) Based on reasonable park usage.
(2) Three separate restaurant spaces are included in this total

(3) Rate based on non-residential use within a mixed-use area See City of San Marcos Municipal Code Table 20.340-2

(4) Two separate restaurant spaces are included in this total

(5) "Non residential" uses are any commercial use allowed in the specific plan that is not a restaurant or park, should provide 3 spaces per 1,000 square feet.

Parking Provided:

The table below summarizes the parking spaces within the project that will be allocated to residents, either through personal garages or reserved open bay spaces within the project site.

Residential Parking Provided

Land Use	Parking Spaces Provided
2 car garage-(190 d.u.)	380 Garage Spaces
1 car garage-(12 d.u.)	12 Garage Spaces
Assigned open bay spaces for units with a single car garage (1)	9 Open Bay Spaces
Guest Spaces	31 Open Bay Spaces
Total residential spaces:	**432**

(1) Nine (9) open bay spaces are needed to fulfill the parking requirement of 1.75 spaces per unit for the as 2-bedroom units with only a single car garage (12 units X 1.75 spaces per unit = 21 spaces needed)

As shown, the Proposed Project will provide 432 reserved parking spaces for residential uses, which is sufficient to accommodate its 378 residential parking space requirements.

The proposed Project will also include 69 open bay parking spaces that will be available to the public, which is sufficient to accommodate the public parking requirement of 68 public spaces.

Non-Residential Parking Provided

Land Use	Parking Spaces Provided
Park	10
Commercial Uses	59
Total residential spaces:	**69**

Open Parking Space Types:

The table below outlines the different space types that will be provided across the 100 public spaces within the project site.

Space Type	Parking Spaces Provided
Standard	74
EV Ready	17
ADA Standard	4
ADA Van	1
EVCS	3

EVCS Van	1
Total Open Bay Spaces:	**100**

Note

(1) Number of ADA and EV parking subject to changed based on requirements of California Building Code

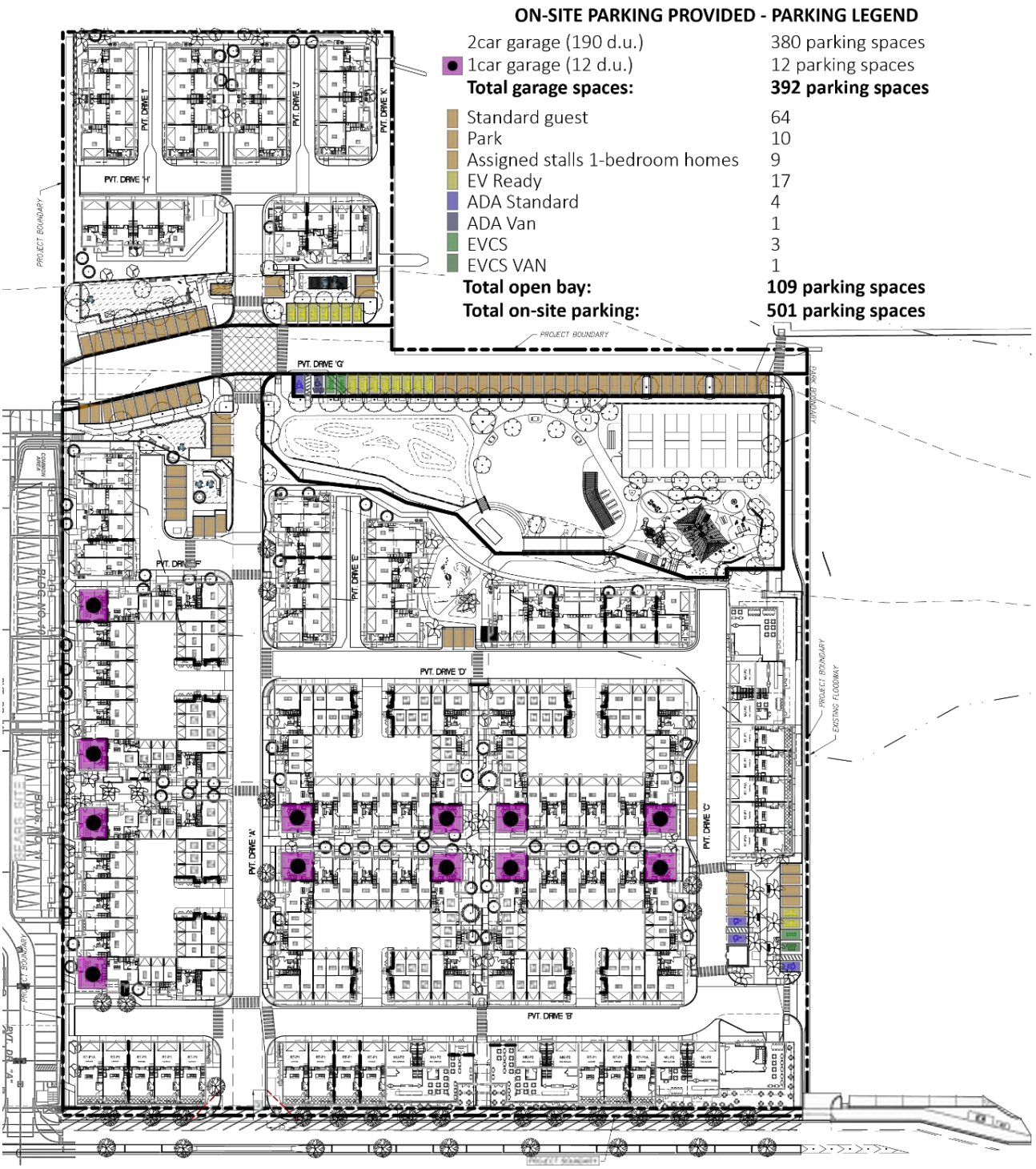


Figure 5.13

On-Site Parking Plan

Restaurant Row

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As this development will foster an active lifestyle for residents and visitors, short-term bicycle parking will be available throughout the site, primarily along the street frontage of San Marcos Boulevard, in the park, and near building entrances without blocking pedestrian activity. Attractive and practical bike racks will be available for public use, though these on-site features will also be available for residents when visiting shops and services in and around the neighborhood. However, residents will be required to house bikes within their homes when not actively using the site's shops and services, per the CC&R's. Bicycles shall be parked at the owner's risk.

5.5.1 Off-Street Parking Demand Onsite

Due to the mixed-use nature of the Proposed Project, the different land use types included within the specific plan will experience their peak parking demands at different times of the day. All open bay spaces, with the exception of the nine spaces reserved for residents, will be shared among all guests and patrons of the Proposed Project; thus, parking spaces from uses that are not experiencing their peak demand can be shared with other uses to help off-set the overall demand. For example, the City of San Marcos requires that all public parks be closed during the late evening and nighttime hours. This frees up the 10 parking spaces allocated to the park use during dinner time, which is when the restaurant uses experience their peak demand. Additionally, residential guest spaces typically experience their highest demand during evening and nighttime hours, leaving excess spaces for park users to access during daytime hours when the park is open. As such, more parking should be available at any given time than what is projected above.

5.5.2 Parking Management Plan (PMP)

To evaluate a project's compliance with the parking reduction criteria (above), the reviewing authority may require submittal of a parking management plan in addition to the required permit. The parking management plan shall indicate evidence or documentation necessary to demonstrate the conditions that warrant a parking reduction, including the following:

1. Parking quantity information that documents the need for fewer spaces (e.g., sales receipts, records of customer visits, information on parking standards required for the proposed land use in other cities, etc.);
2. Floor plans indicating the typical uses of the building; *and*
3. Programs that may be implemented that would reduce parking demand.

Requests for parking reductions shall be processed as a Director's Permit (DP). Review and approval of parking management plans will be at the discretion of the Director, or appropriate reviewing authority.

5.5.3 Shared Parking Analysis/Potential Parking Reductions

It should be noted that the specific uses that will occupy the commercial suites within the project are unknown at this time and are subject to change over the development. Therefore, future commercial establishments within the specific plan area have the ability to seek a directors permit from the City of San Marcos to establish new parking ratios based on their use type (See Municipal Code Section SMMC 20.340.050(B), if they can present evidence that they will generate less parking demand than what is outlined above, or if they have the ability to share parking spaces with adjacent sites via agreements with the adjacent sites, they may then rely on the shared parking agreement(s) to meet the Specific Plan parking requirements.

5.5.4 Relationship to Shared Parking Agreements

There are several uses occupying the adjacent parcels to the specific plan site which currently have access to the same pool of parking as the Proposed Project. The Proposed Project will allow these adjacent parcels to continue utilizing the unreserved parking on site, as required by these shared parking agreements (Agreement Numbers: 89-378260, 90-050972, and 1996-0564623). Pursuant to these agreements, the Proposed Project will continue to have reciprocal rights to utilize parking on adjacent parcels as well. The Proposed Project does not rely upon these parking rights to satisfy parking requirements, however, as it provides all required parking onsite within the boundaries of the Proposed Project. A detailed discussion of these agreements is provided in Appendices A and B.

5.5.4.1 Vehicular Driveway Access and Curb Cuts

The site is intended to be walkable, with active uses on the ground floor and pedestrian-friendly private internal streetscapes. Curb cuts for surface parking, private garage access or delivery/loading, shall be well planned and limited in frequency. All public drive aisles shall be a minimum of 24 feet and all garages shall have a minimum of 24 feet of unobstructed back-up and maneuverable space.

Properties with frontages solely along San Marcos Boulevard will have secondary street access, alley-loaded vehicular access, or off-site parking with on-street loading. Parking and loading access is not permitted along the throughway on San Marcos Boulevard. Access will be limited to the multi-way frontage.

5.5.4.2 Private Streets and Driveway Access

Within the private streets, drive widths will vary according to design from 20-feet to 40-feet in width. Width range is as follows:

20-foot width:

- Pvt. Drive ‘A’ (varies)
- Pvt. Drive ‘E’
- Pvt. Drive ‘I’
- Pvt. Drive ‘J’

24-foot width:

- Pvt. Drive ‘B’
- Pvt. Drive ‘C’
- Pvt. Drive ‘D’
- Pvt. Drive ‘F’ (varies)
- Pvt. Drive ‘H’
- Pvt. Drive ‘K’

26-foot width:

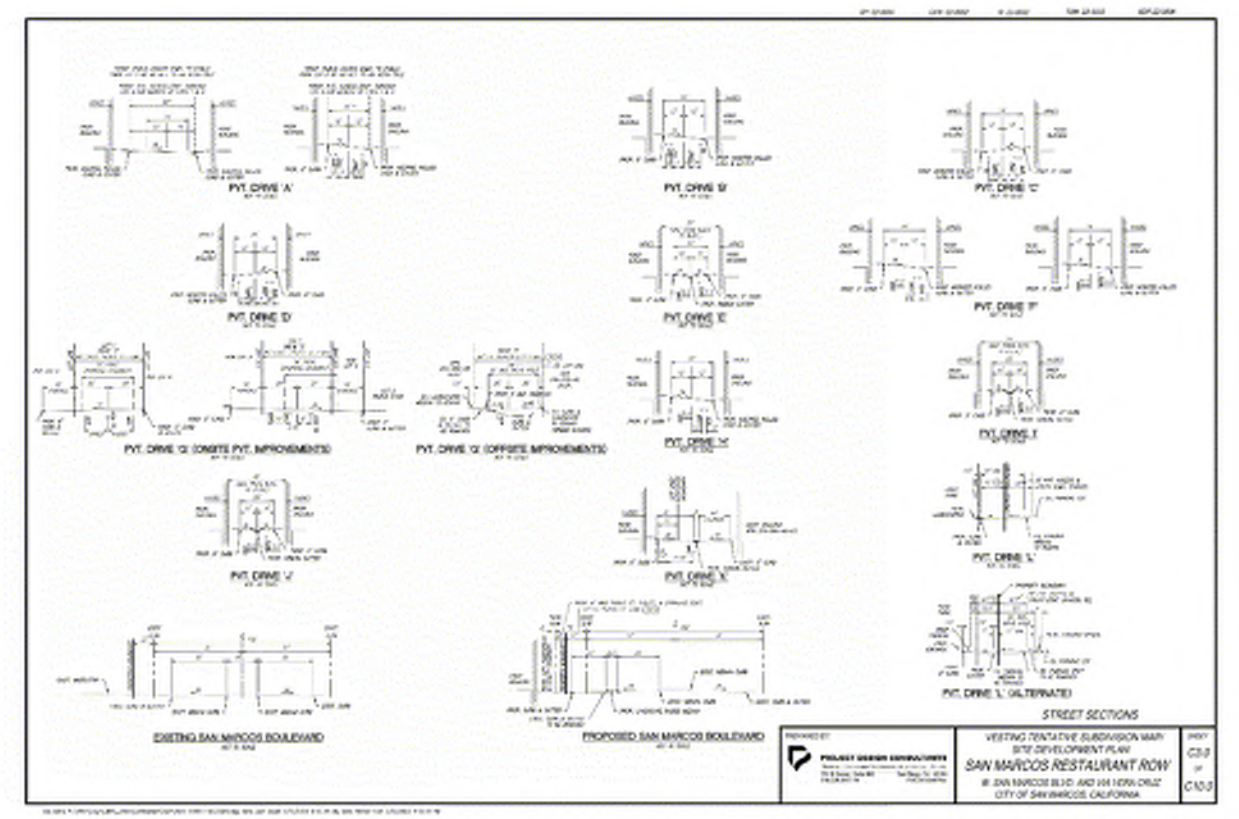
- Pvt. Drive ‘F’ (varies)

38-foot width:

- Pvt. Drive ‘A’ (varies)

40-foot width:

- Pvt. Drive ‘G’



- Curb cuts along San Marcos Boulevard are prohibited unless approved by the City Engineer for emergency access purposes;
- Vehicular driveway access or entries to parking garages are prohibited along frontages that require active, pedestrian-oriented uses; *and*
- Developments with internal parking and/or structures/garages may be permitted one (1) curb cut for parking structure entry per block subject to site plan review.

5.6 Mobility

The Restaurant Row Specific Plan intends to prioritize efficient and accessible mobility for many types of transportation, such as but not limited to vehicles, bicycles, buses, and pedestrians.

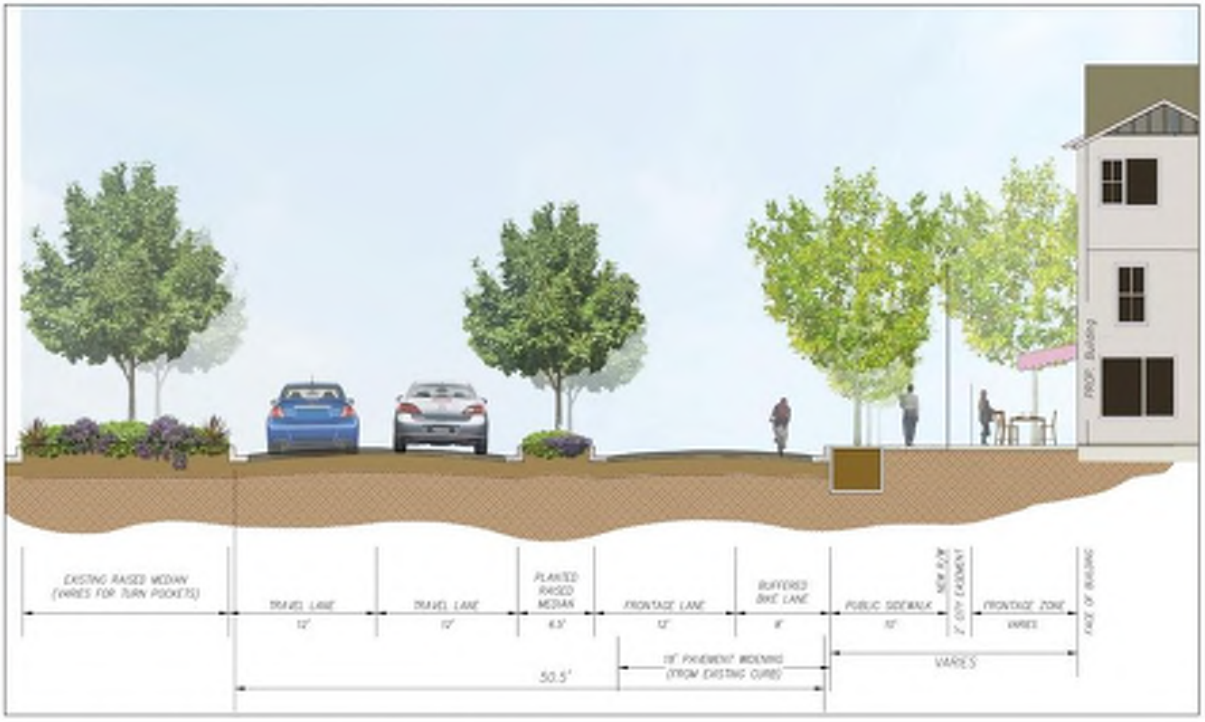
5.6.1 San Marcos Boulevard Multi-Way

San Marcos Boulevard is a major road that directs residents to both the town center and centers outside of the City. San Marcos Boulevard is a four-lane collector road with a bike path and no street parking.

The San Marcos Multi-Way objectives:

- Two- lanes west bound through way;
- A 6.5’ median;
- 12’ multi-use lane;
- 8’ Buffered Bicycle Lane;
- A proposed 10’ wide tree lined sidewalk to encourage pedestrian and social interactivity; *and*
- A variable private outdoor dining area acceptable to the City which includes the 2’ pedestrian and public utility easement.

The right-of-way may be reconfigured by the City of San Marcos.



SECTION B - SAN MARCOS BLVD.

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5.6.2 Internal Vehicular Circulation

All internal driveways are private and will be built in compliance with applicable fire safety standards and approved dead end length modifications ensuring safety and emergency vehicle access. All drive isles to accommodate emergency vehicle shall be 24’ with stub drives E, I and J are to be 20’ wide.

5.7 Open Space

Restaurant Row will provide both public as well as private and common open space. The public open space park design was determined through several public workshops where stakeholders had the opportunity to identify amenities envisioned for the recreational area.

Recreational open space will fall under usable spaces for residents. The onsite private open space will serve the residents as well as some areas for public use. Private open space will include recreation areas, and general landscaping to enhance the development and offer diverse options to on-site residents and visiting guests.

5.7.1 Private Open Space

Private open space has been provided to ensure each resident has an area they can call their own. The development will provide private open space for each unit through the use of balconies and patios. The site will require 36 sq. ft. of open space per unit. There is currently 202 multifamily units proposed, which would require a total of 7,272 sq. ft. of private open space.

- There will be multiple options for passive landscaped open space such as paseo walks, bench seating, art elements, lighting, etc.
- The Restaurant Row project may provide tot-lot playgrounds, bench seating shade structures, and flexible open space.

5.7.2 Common Open Space

Common open space will be available to all residents and the public through paseo access easement corridors.

Table 5.9 Common Outdoor Open Space

Per OCRR Specific Plan
Approximately 1,400 s.f. per dwelling unit

Table 5.10 - Private Open Space Required

Open Space Areas	San Marcos Municipal Code Table 20.225-7	Per OCRR Specific Plan
Private Unit Open Space	36 s.f. minimum dimension 6 feet required for 50% of all residential units	36 s.f., minimum dimension of 6' minimum for 50% of the units
All Common Open Space	40 feet x 12 feet dimensions or greater 10% of open space shall be planting	11.3% of the residential portion of the Specific Plan is planted

6.0 INFRASTRUCTURE PLAN

6.1 Mobility

The Proposed Project will have four access points, two located on West San Marcos Boulevard (the existing western and eastern Restaurant Row driveways) and two others located on Via Vera Cruz (the existing northern and southern Restaurant Row driveways). The updates to San Marcos Boulevard are discussed in section 6.9.

6.1.1 Regional Vehicular Access

Restaurant Row can be accessed regionally by State Route 78. Local access to the area is via San Marcos Boulevard, Via Vera Cruz, and Las Posas Road.

6.1.2 Local Vehicular Circulation

The project site will be accessible from San Marcos Boulevard on the western end of the development frontage. People entering the site will be traveling west on San Marcos Boulevard. It will also be accessible from the second driveway (eastern driveway) on San Marcos Boulevard as well as the access point on Via Vera Cruz using the shared alleyway.

6.1.3 Pedestrian Routes

Restaurant Row will contain an extensive onsite system of landscaped paseos and pathways. Winding pathways between residential buildings will connect paseos and parks within the development.

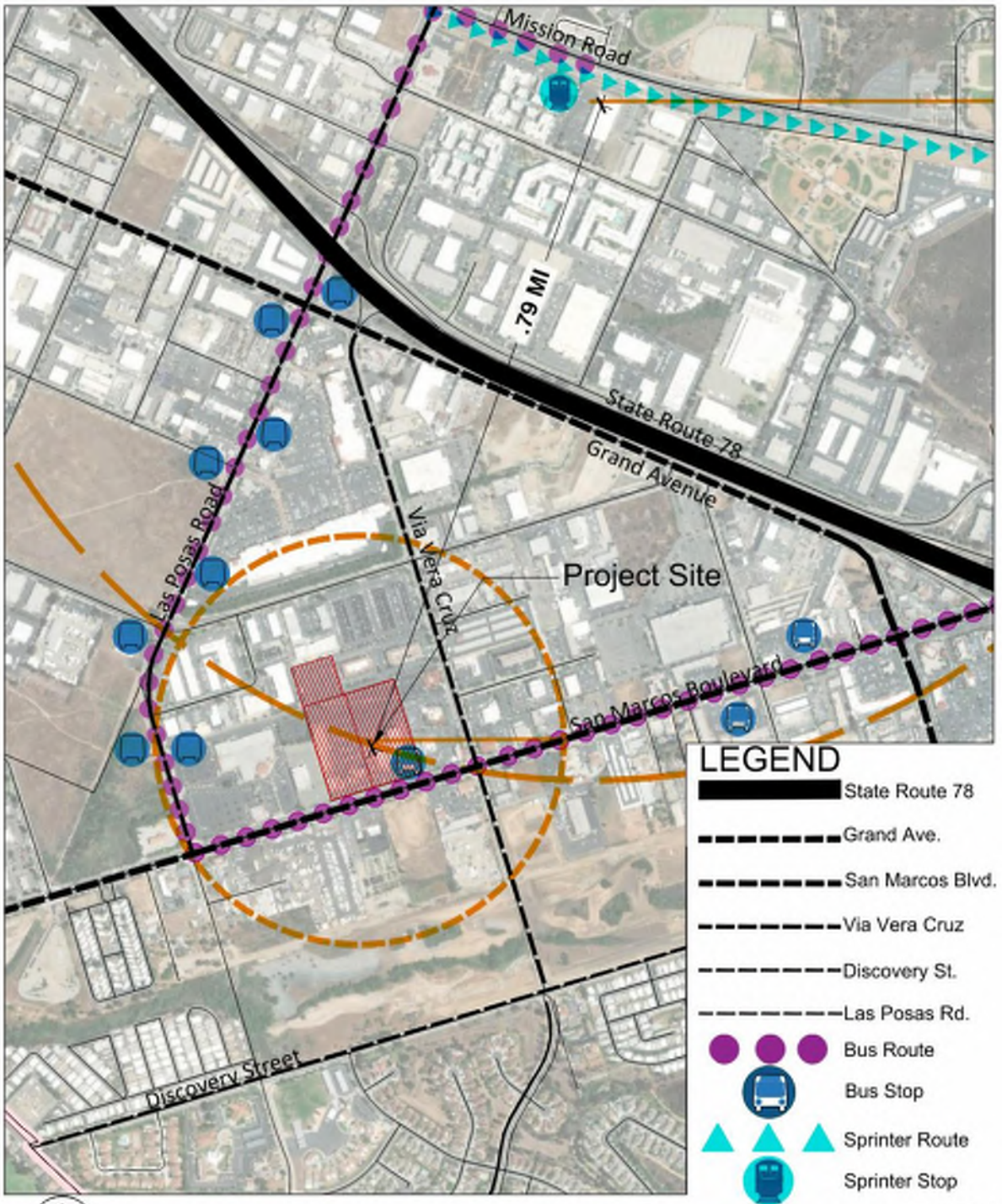
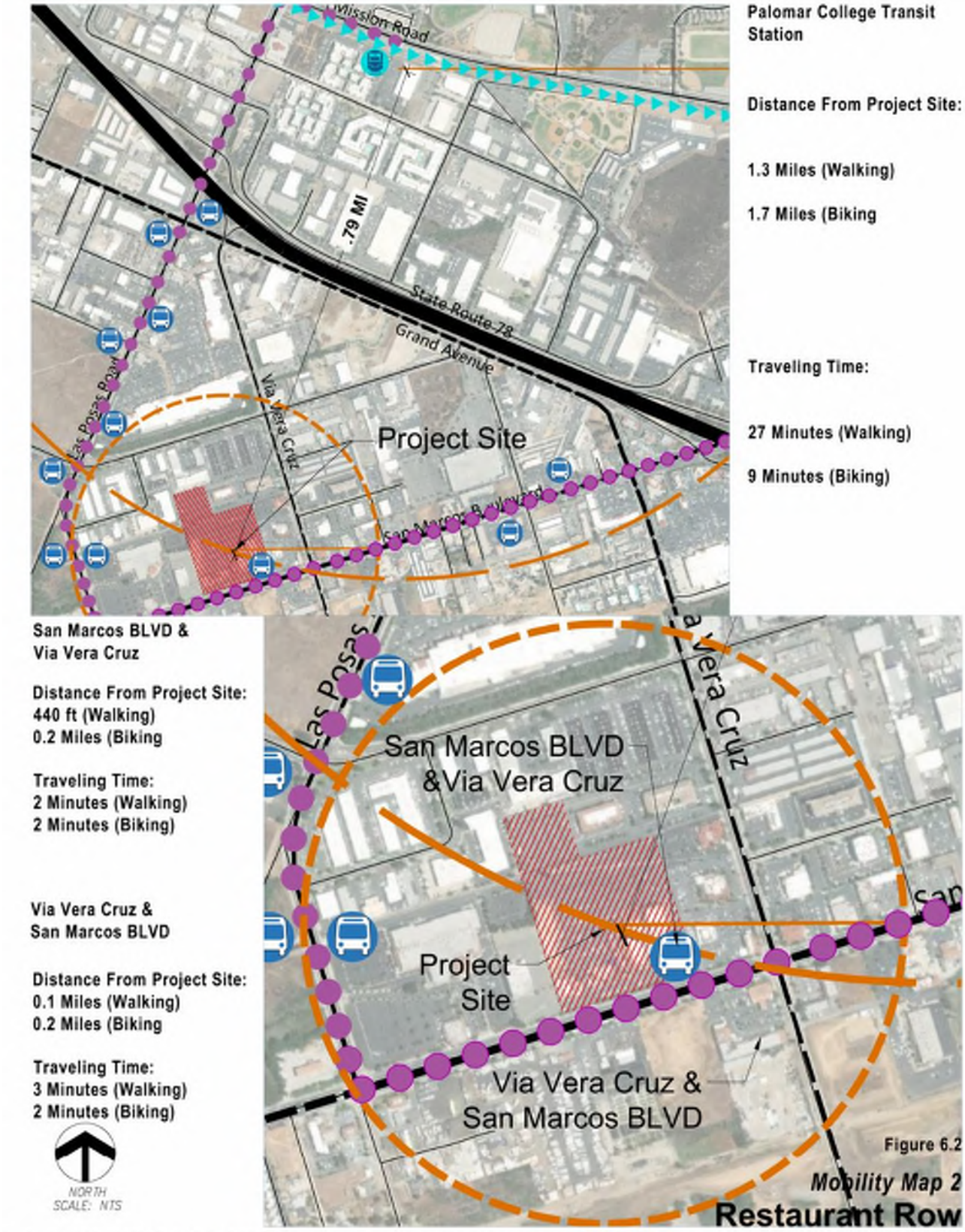


Figure 6.1

Mobility Map 1

Restaurant Row



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6.1.4 San Marcos Boulevard Multi-Way

The San Marcos Boulevard multi-way street along the frontage of the Specific Plan area will accommodate a variety of mobility features. The multi-way follows the guides set forth by the adopted San Marcos Boulevard Complete Street Project. The Specific Plan does not regulate the design and/or configuration of the right-of-way and is subject to change, as determined necessary by the City. The following features will be incorporated into the street frontage:

- Pedestrian sidewalk - The 10’ wide sidewalk will accommodate a 6’ wide pedestrian corridor to provide a 4’ wide (ADA) throughway. Also, a 6’ clear corridor will be provided around tree planting cut-out.
- Ingress and egress to the project site - Two vehicular entries into the project are provided from San Marcos Boulevard: one on the eastern property line (existing driveway) with a second entry approximately 150’ from the western property line.
- Expanded pavement area - The northern curb line will be located in the ultimate roadway condition, with an interim expanded paved area of 20’ that will become curbside parking in the future when the properties to the east and west develop their multi-way improvements. In the interim, this expanded paved area could be used for a bike lane.
- Street Trees - The street trees will be located outside of the vehicular site visibility triangle. The tree canopy will also provide green street features by shading and cooling the paved environment as well as reducing storm water run-off.
- Westbound bike lane - The interim westbound bike lane will be an 8’ paved corridor buffered by pavement striping. The ultimate configuration will accommodate parallel parking along the northern curb.
- 6.5’ wide median - This will be a green street element BMP biofiltration basin located between proposed median trees. This will also serve as a traffic calming element within the westbound throughway while buffering access to the mixed-use development.
- Two westbound through lanes - The westbound vehicular lanes adjacent to the 6.5' wide secondary median will be two 12’ wide travel lanes. A 12’ wide turn pocket will be provided in the redesigned median to accommodate westbound lane turning south into the existing nursery property. The redesign will also close the eastbound turn into the project.
- The medians will be modified to restrict public turns into the project while permitting emergency vehicles.

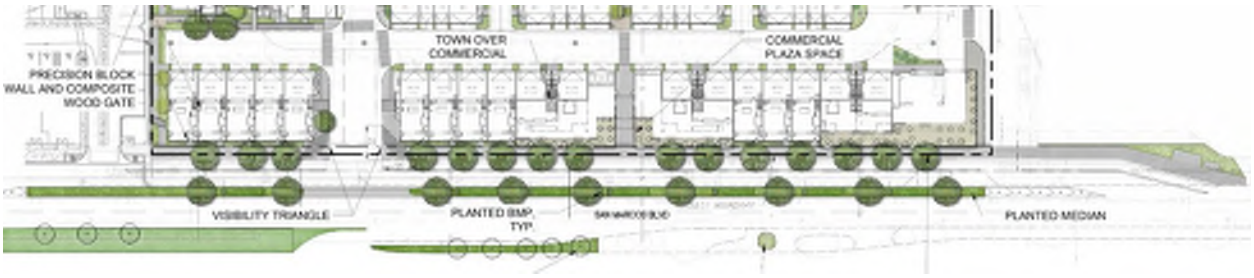

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Figure 6.3

San Marcos Boulevard Multi-Way

Restaurant Row

6.1.5 Via Vera Cruz Public Access

An open alleyway provides vehicular access to the Restaurant Row Specific Plan as well as other commercial parcels to the north, east, and west from Via Vera Cruz to Las Posas. Public pedestrian and vehicular access are per the existing easements granted through the alley way (proposed Private Drive "G"). The alley is controlled and maintained by reciprocal access easement agreements amongst the neighboring properties, which grant the rights to travel to and through the project site. Permission is also granted to the abutting landowners and properties further to the west.

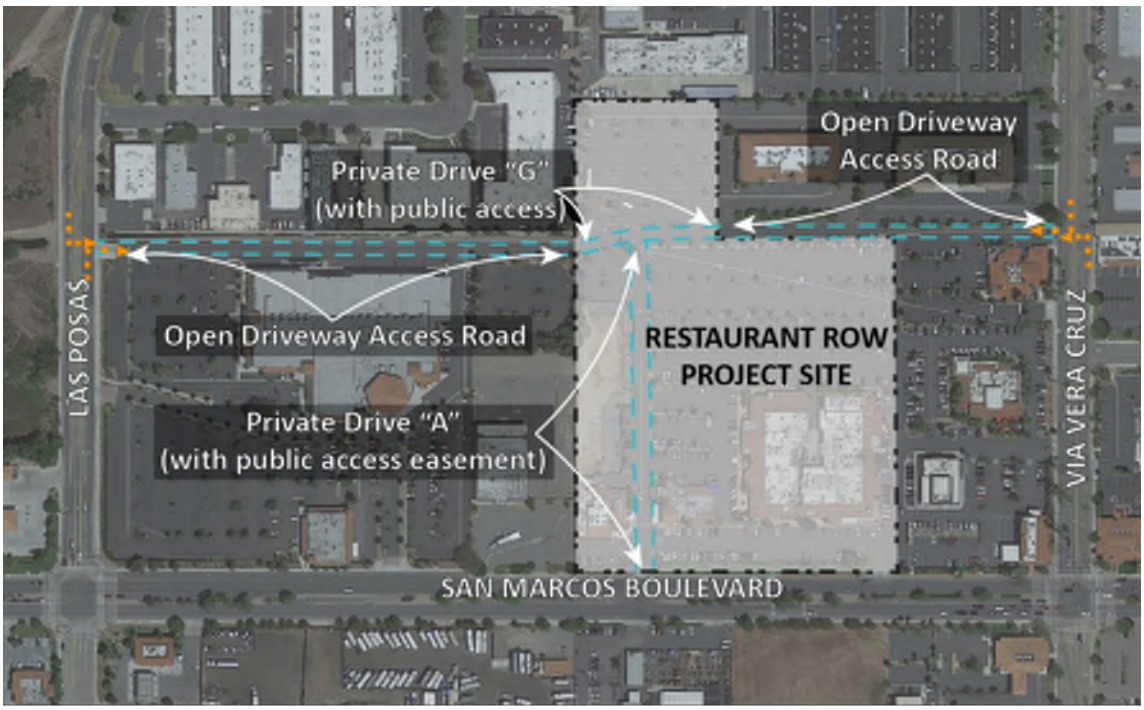

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Figure 6.4

Private Drive "G" / Open Driveway Access Road

Restaurant Row

With the commercial interests of these land uses around the alley, they exist by permitting the public at large to travel through this corridor open and freely. Limiting uses to only those with access agreements would not be in the interest of the ongoing businesses thereby emphasizing the importance of providing the public open use of the alleyway.

To achieve future connectivity goals for pedestrians, bicycles, and non-motorized vehicles, the ongoing coordination should be established with the property along the northern edge of the alley to strengthen the linkage to the future park site. This connectivity would continue to be strengthened with a continuous walk (minimum 5' in width) proposed through the future park site to the westside of the planning area.

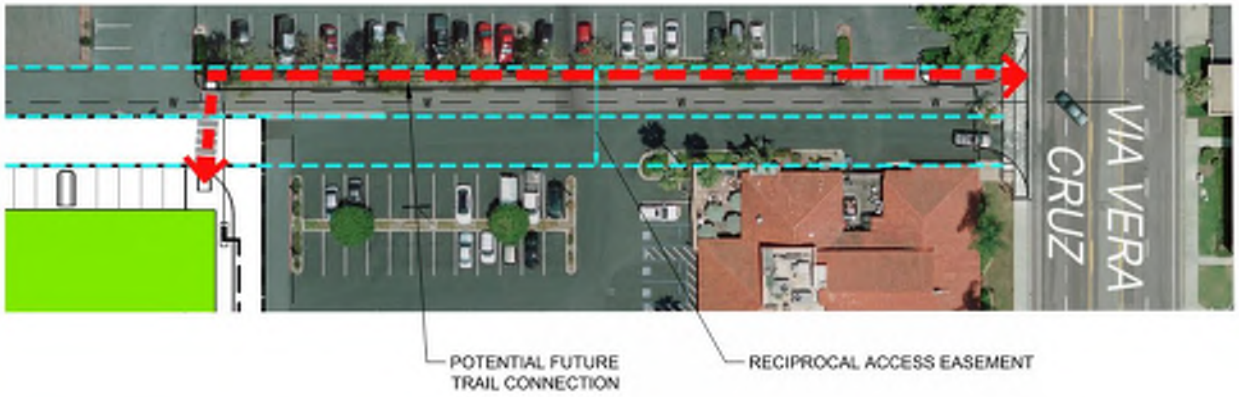

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Figure 6.4.1

Via Vera Cruz

Restaurant Row

6.2 Water Service

Development of the project site is subject to approval by the Vallecitos Water District (VWD) and all applicable fees and charges shall be paid to the District per their regulations. VWD has provided a Technical Memorandum demonstrating that water service will be provided and the OCRR application can be implemented per this Specific Plan. Multi-family residential sites in the VWD are typically served by onsite private water systems, which consist of separate fire and domestic systems onsite. Private fire systems typically supply onsite fire hydrants and building fire sprinkler systems and require a backflow preventer at the connection to the public water system. There are existing water facilities in the vicinity of the project site which serve the existing uses on-site and surrounding uses.

Water service for potable residential use and fire service to the project site would be provided by VWD. VWD receives its water from the SDCWA. SDCWA is San Diego County's predominant source of water, supplying from 75 to 95 percent of the region's water needs (SDCWA 2016). The population within the Water Authority's service area was approximately 3.3 million people in 2020 and is projected to increase to roughly 3.8 million people by 2045. The County of San Diego is expected to develop an additional 130,000 acres between 2020 and 2050, with the majority (125,000 acres) of development dedicated to residential land uses. These regional growth projections are based on the San Diego Association of Governments

[SANDAG] Series 14 Regional Growth Forecast, developed for its 2019 Federal Regional Transportation Plan adopted by SANDAG's Board of Directors on October 25, 2019. In fiscal year 2020, total water demand in the Water Authority's service area was 463,128 acre-feet (AF), of which 92% was for municipal and industrial (M&I) use and 8% was for agricultural water use. By 2045, the Water Authority's total water demands are projected to reach 630,771 AF. This projection accounts for planned future water conservation savings (SDCWA 2016).The Restaurant Row project proposes to connect the existing public water mains at Las Posas on the west to Via Vera Cruz on the east by upgrading and extending through the existing alley (drive 'G') within VWD easements.

Lot 1 is proposed as the portion of the existing alley (drive "G") through the Restaurant Row property. The private water services for the public park (Lot 2) and the private water system for HOA (Lots 3 & 4) will connect to the public water main in Lot 1 (drive "G") with separate water meters and backflows. Separate private fire water protection systems will serve HOA lots 3 & 4 and will connect to the public water main in lot 1 with individual fire service connections and backflows.

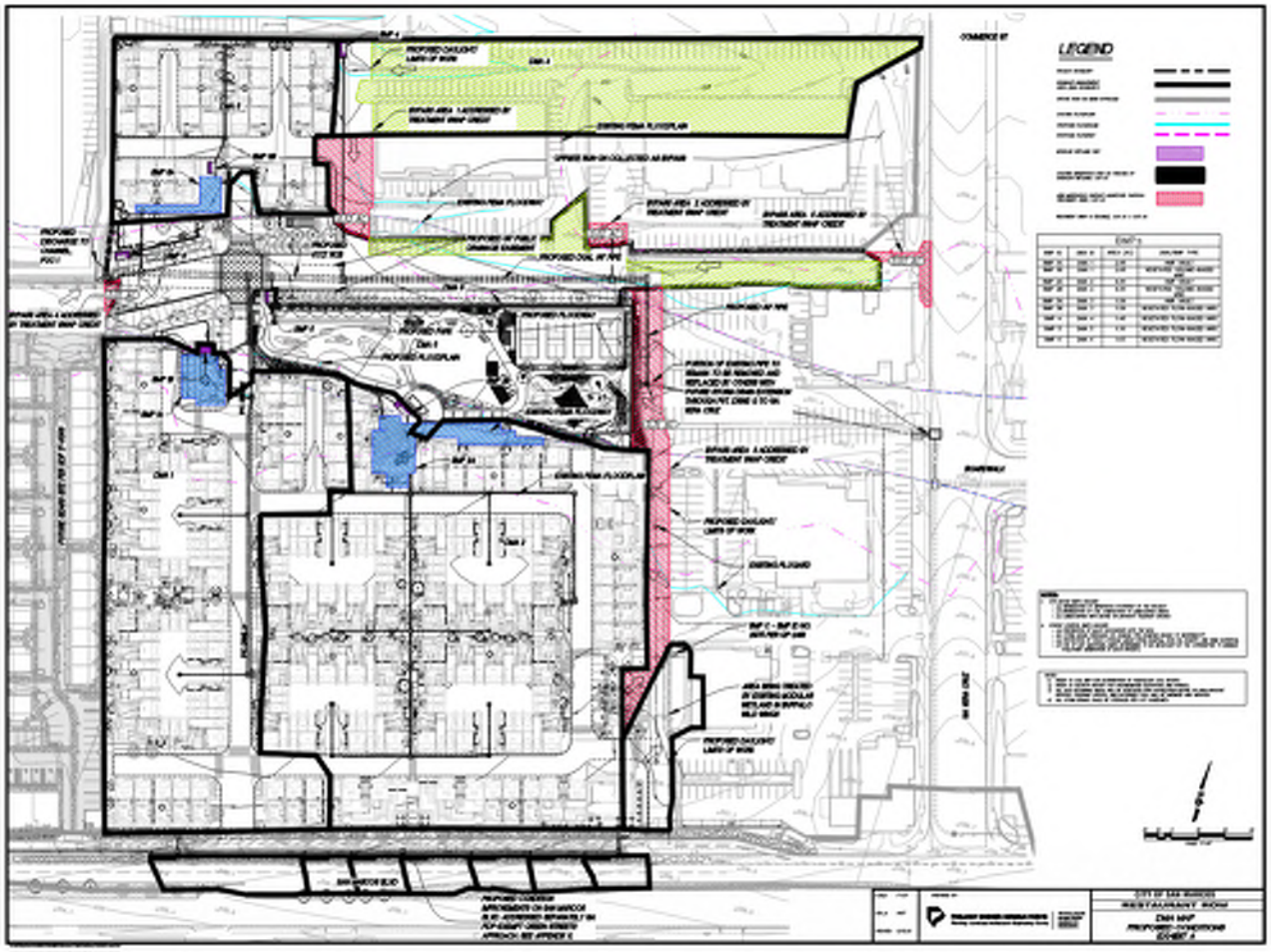
6.3 Sewer Service

The VWD also provides sanitary sewer service to San Marcos and the SPA. VWD has provided a Technical Memorandum demonstrating that sewer service will be provided and the OCRR application can be implemented per this Specific Plan.

The project proposes to connect into the existing public sewer main in Las Posas with a new manhole and extending the public main through the Alley Way and into Lot 1 of the project site. Private sewer lines will serve Lots 2 (public park) and HOA Lots 3 & 4 and connect to the proposed public main in Lot 1. Proposed private sewer lines are located in private drives A, B, C, D, E, F, H, I, J, and K.

6.4 Drainage

The Specific Plan area will address stormwater requirements through a combination of BMPs, including proprietary and non-proprietary biofiltration, source control, and underground hydromodification storage tanks. The site will use Private Vegetated Modular Wetlands, Public Vegetated Modular Wetlands, and storm vaults to adequately mitigate stormwater from the site.



NORTH
SCALE: NTS
(In Specific Plan Document)

Figure 6.5

Drainage Plan
Restaurant Row

6.5 Schools

The entire Restaurant Row Specific Plan lies within the jurisdiction of the San Marcos Unified School District (SMUSD) serving grades K-12. The SMUSD currently operates 12 elementary schools, five middle schools, and two high schools. Of these schools, the Restaurant Row Specific Plan is served primarily by La Mirada Academy serving grades K-8 and San Marcos High School serving students in grades 9-12. All students generated by residential development within the Restaurant Row Specific Plan will be accommodated by existing or new schools within the San Marcos area.

SMUSD has adopted student generation rates to estimate the number of students generated from proposed residential development, as illustrated in Table 6.1 below. Development of Restaurant Row would generate approximately 86 total students with 46 elementary school students, 19 middle school students, and 21 high school students.

Table 6.1 – Projected Student Population

Dwelling Type	Number of Units	Education Level	Student Generation Rate	Number of Students
Multi-Family Attached Units	202	Elementary School Grades K-5	0.2271	46
		Middle School Grades 9-12	0.0963	19
		High School Grades 9-12	0.1032	21

Prior to project approval, the project would be required to obtain will-serve letters from the SMUSD or servicing schools to confirm such schools have adequate capacity. Furthermore, the project would be required to contribute development fees to SMUSD pursuant to California Education Code Section 17620 et seq. and Government Code Sections 65995(h) and 65996(b), as well as the City's Municipal Code Section 17.52.050. The project developer/applicant would be required to pay the school mitigation fees that are in effect at the time of building permit issuance unless a direct agreement otherwise has been made with the SMUSD. The current school fee for residential development required by SMUSD is $4.44 per square foot; however, this fee amount could change between the drafting of the CEQA document for the project and the time of building permit issuance (SMUSD 2020). Further, consistent with General Plan Policy LU-11.2, the project would be required to provide a letter from the school district(s) to the City prior to the issuance of building permits confirming these fees have been paid (City of San Marcos 2012b). State Bill (SB) 50 states that the fees imposed by school districts shall constitute the exclusive method of considering and mitigating impacts on school facilities caused by a development project. Such payment shall provide "full and complete mitigation of the impacts of any legislative or adjudicative act...on the provision of adequate school facilities" (Government Code Section 65995(h)).

6.6 Law Enforcement

The City of San Marcos contracts with the San Diego County Sheriff's Department for law enforcement services. The Restaurant Row Specific Plan is serviced by the San Marcos Sheriff's Station located at 182 Santar Place. Residents are served by a staff of more than 100 deputies, volunteers, and professional staff members. The station has a total service area of more than 100 square miles and provides services to the citizens and visitors of San Marcos and the surrounding unincorporated communities of Lake San Marcos, Elfin Forest, Harmony Grove, Hidden Meadows, Ivy Del, Del Dios, Lake Hodges, and the San Pasqual Valley. The station is approximately 4- miles east of the project site. The project will be required to annex into CFD 98-01IA1, which pays for police services.

Residential development at the project site would increase the demand on police protection services in comparison to the existing uses on-site and uses allowed under the current land use designation due to the introduction of residents. Although not all residents would be new to the City, the proposed project could increase the need for police protection services through routine police and emergency calls and could increase the demand on the San Diego County Sheriff's Department San Marcos Station which would serve the project site.

Implementation of the proposed project would be expected to increase the frequency of emergency and non-emergency calls to the Sherriff's Department. However, over 100 deputies, volunteers, and professional staff serve the residents of the City. Law enforcement services include general patrol, criminal investigation, crime prevention, juvenile services, narcotics and gang investigations, communications and dispatch, and various management support services. Unlike fire services, which respond solely to emergencies, law enforcement services consist of patrolling large areas 24 hours a day, 365 days a year. Police units are continuously mobile, and service calls are responded to by the nearest available mobile unit. At the San Marcos Station, patrol deputies are assigned to a geographical "beat" area, allowing deputies to become familiar with citizens and problems within their "beats" (SDCSD n.d.a.). Accordingly, service ratios and response times are anticipated to remain adequate with implementation of the proposed project. As such, the proposed project is not expected to affect police protection such that new or physically altered governmental facilities are needed.

6.7 Fire and Emergency Medical Services

The San Marcos Fire Department (SMFD) is a full-service department responsive to the City of San Marcos and the San Marcos Fire Protection District, which covers an area of 33 square miles and a population of approximately 95,000 residents. The project will be required to annex into CFD 2001-01, which pays for fire/paramedic services.

The Fire Department maintains four fire stations and a regional emergency services training facility. The Department operates the following fire and emergency resources on a daily basis:

- 4 – Fire Stations
- 4 – Paramedic assessment engine companies
- 1 – Paramedic assessment truck company
- 5 – Paramedic transport ambulances (24 hour units)
- 1 –Shift Battalion Chief
- 1 – On-call duty Chief

The Restaurant Row Specific Plan is served by Fire Station #1, the station is located at 180 West Mission Road in the central part of San Marcos. It houses an engine, truck, brush engine, and ambulance. The battalion chief's office is at this location.

The proposed project would increase the demand on SMFD resources in comparison to the existing development on-site and that allowed under the current land use designation of Light Industrial and Mixed-Use. Although not all residents of the project would be new to the City, the estimated additional numbers of residents at the project site would increase the need for fire protection services related to routine fire and emergency medical calls and would increase the demand on SMFD Station 1 which would provide primary response to the project site; with SMFD Station 2 responding, as necessary.

The proposed project would be required to comply with the City's Development Services Fees outlined in Section 17.44.030 of the City's Municipal Code. Payment of the Development Services Fees go towards City services, which include the Fire Protection District, to ensure adequate fire protection facilities are provided. In addition, the project would be required to comply with any recommendations outlined in the Fire Protection Technical Memorandum prepared for the project. The Fire Protection Technical Memorandum prepared for the project determined that both SMFD Stations 1 and 2 are well-within the City's time response goal for first-in fire engine and medic ambulance to the entire project site. Furthermore, the addition of approximately one call per 3.5 days anticipated as a result of the project is not considered a significant increase. This is modeled off a conservative approach of 4 persons per unit as described in the Fire Protection Technical Memorandum.

6.8 Power and Gas

San Diego Gas and Electric (SDG&E) provides both gas and electric service to the Restaurant Row Specific Plan area. The area is highly developed and should have existing facilities in place to serve Restaurant Row's needs for gas and electric services. All on site facilities will be screened with landscape elements, or potentially placed below ground while allowing for adequate service access.

Roof top solar panels and electrical monitoring systems will be provided. Solar panel will be shielded from public view with architectural features.

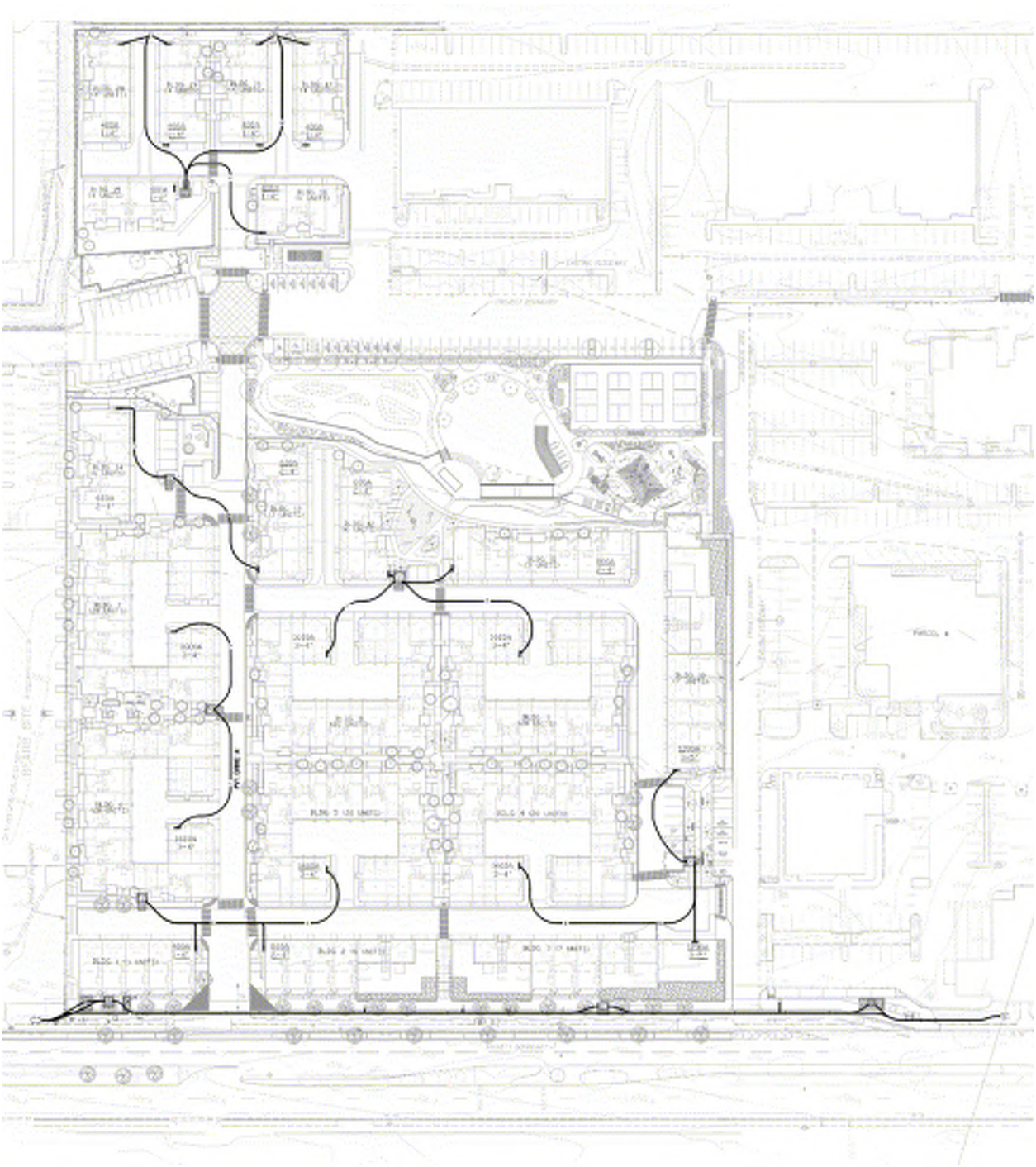


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Figure 6.6

Dry Utility Plan

Restaurant Row

7.0 IMPLEMENTATION

This chapter provides a detailed description of the mechanisms and regulations needed for implementation of the Specific Plan and will be the primary document consulted when questions arise concerning future development or development changes within the Restaurant Row Specific Plan.

7.1 Authority

This Specific Plan will serve as the zoning for Restaurant Row and shall be incorporated by reference into the San Marcos Zoning Ordinance. This chapter shall be used as the primary guiding document for review of all subsequent discretionary entitlements within the Specific Plan. As a regulatory document, successful implementation of a development project within the Plan area is contingent upon meeting the land use and associated design, development, infrastructure standards, and other policies outlined herein.

The Restaurant Row Specific Plan establishes development design, infrastructure, and implementation parameters and incorporates those standards through reference of applicable Zoning Ordinance or other appropriate standards and provisions of the City of San Marcos Municipal Code, to establish specific zoning standards, which govern development within the Specific Plan area. Proposed development and design activities within the Restaurant Row Specific Plan must be consistent with the established parameters of this Plan. Should any requirements contained herein of the Restaurant Row Specific Plan conflict with the City of San Marcos Municipal Code, the Restaurant Row Specific Plan shall be the primary document used to resolve the conflict. If the Restaurant Row Specific Plan is silent on any issues, the City of San Marcos Municipal Code, or other applicable adopted City standard(s) shall be referred to for regulations and standards.

7.2 Administration

As the lead agency, the City of San Marcos shall be primarily responsible for the implementation, administration, and enforcement of the Restaurant Row Specific Plan. The homeowner's association or other comparable group established for the Restaurant Row Specific Plan Area shall be responsible for the enforcement of private property and open space easement requirements pursuant to standards identified herein as well as any covenants, conditions, and restrictions (CC&R's) developed separately from this Plan. Once completed with the determination of who will regulate the commercial units as well as the residential units on the property, CC&R's will be submitted to the City of San Marcos to be reviewed for compliance and approved.

7.3 Implementing Permits

In addition to this Specific Plan (SP22-0004), the City of San Marcos is concurrently processing a General Plan Amendment (GPA22-0002), Rezone (R22-0002), Tentative Subdivision Map (TSM22-0003), and Site Development Plan (SDP22-0006). The public park will be developed under SDP23-0004. Future development projects within the Specific Plan Area may be subject to further review and subsequent discretionary permits and approval from the City of San Marcos Development Services Department. Project application(s) will be reviewed for consistency with the Restaurant Row Specific Plan and all relevant development standards, design standards, and mitigation measures identified during the environmental review process, as well as other applicable conditions of approval adopted as part of this Specific Plan. Application(s) for subsequent development projects, use permits, building permits, landscape permits, or public improvements and other activities will be reviewed by the Development Services Department using

established procedures for consistency with this Plan. Review and analysis of subsequent project permit(s) may trigger additional conditions the City determines to be reasonably necessary to ensure the project application(s) and or plans achieve compliance with this Specific Plan. Procedures to amend the Restaurant Row Specific Plan are detailed below, should the applicant or City staff determine changes in the project area would trigger an amendment to this Specific Plan to remain compliant with the adopted Specific Plan/General Plan.

7.4 Construction sequence & Development Phasing Plan

Construction of Restaurant Row is planned to be accomplished in four stages. Development of the site will be accomplished in six phases. Construction sequence and development phasing is subject to change and will be approved by the Building Division.

7.4.1 Construction sequence

- 1: Land development – demolition of the existing structures and mass grading of the site. The site will be graded all at once.
- 2: Residential construction – model homes from each product type will be completed in the initial production phases to enable sales to begin, with the rest of the homes to follow.
- 3: Retail – construction of the commercial and mixed-use buildings will be completed.
- 4: Public improvements, including San Marcos Multi-Way and the public park are subject to additional review and permitting.

7.4.2 Development Phasing Plan

After Construction sequence 1 is complete, residential construction will begin with model homes for each product type, followed by the rest of the homes to be built in phases 1 – 6.

Figure 7.1

Project Phasing Plan

Restaurant Row

File Name: P:\4457\Planning\Physical\Exhibits\Specific Plan Exhibits\10 Landscape Concept Plan\DWG\4457 SP Land Use Designation.dwg, Date Last Plotted: 7/19/2023 5:20:32 PM,

7.5 Minor Amendments to the Specific Plan

California Government Code 65452 grants the City of San Marcos the authority to make minor amendments to the Specific Plan to account for market force changes, either administratively through the Planning Director's, or their designee's, review or through the Planning Commission. The applicant may submit an application to the City of San Marcos' Development Services Department, which may include maps, text, and or technical studies describing the nature and intent of minor amendments. Upon submittal, the Planning Director, or their designee will make a determination as to the applicability of the Substantial Conformance. The Planning Director, or their designee, may delegate their administrative decision to the Planning Commission and conversely the applicant may apply to the Planning Commission for administrative decision. Minor amendments may include, but are not restricted to:

- Changes to the site plan such as, but not limited to, plotting and elevations;
- Modifications to road and trail alignments, if approved by the Development Services Department;
- Changes in landscaping, fencing, signage, lighting, and streetscape design provided the change are consistent with the conceptual landscape design outlined in the Specific Plan;
- The addition of public or private parks, relocation of parks, and/or reconfiguration of parks; *and/or*
- Minor architectural changes in relation to design materials.

Substantial Conformance is a necessary tool the City can use to assist the development of the Specific Plan Area. The conceptual land use plan and general guidelines and regulations set forth in this Specific Plan require a modification process to allow minor design changes to conform to the intent of the Specific Plan. The land uses and development yield identified herein have been carefully analyzed in the Mitigated Negative Declaration (MND). The results of the MND analysis and subsequent mitigation requirements are valid for minor amendments to the land uses and development yields which result in equal to or a reduction in vehicular miles travelled (VMT) during peak-hour travel times. Minor adjustments, including substitutions and density changes that do not exceed the allowed densities of the Specific Plan, are allowable under this Specific Plan as Substantial Conformance, provided they do not result in an increase in VMT for peak-hour travel times. Proposed development projects within the Specific Plan Area, which exceed the VMT generation thresholds identified in the MND, may still be processed as Substantial Conformance, so long as no new mitigation measures are required to offset any potential increase in traffic impacts. Similarly, any change that does not create new significant unmitigated environmental impacts that would require a subsequent or supplemental Mitigated Negative Declaration pursuant to Public Resources Code Section 21166, changes that do not violate any applicable public safety and health standards as applied to each line item herein, and any other minor modifications, similar to those listed above and deemed minor by the Planning Director, or their designee, which are in keeping with the intent of the Specific Plan would be considered as Substantial Conformance. A revision to the Plan will not be considered minor if the revision causes an impact for an adjacent property or property owner that is determined to surpass the level of significance as determined by city guidelines for each studied environmental subject as described in the Final MND, and as determined by the Planning Director, or their designee.

7.6 Other Revisions to the Specific Plan

Should the Planning Director, or their designee determine a proposed revision does not meet the criteria from the above-listed minor modification guidelines, then a Revised Tentative Tract Map, Plot Plan, and/or a modification to the Site Development Plan, whichever is determined to be appropriate by the Planning

Director, or their designee, can be processed without concurrently processing a formal amendment to the Specific Plan. The Planning Director, or their designee shall determine the applicable process by referencing the procedures stated herein with the Subdivision Ordinance or Zoning Ordinance.

7.7 Major Amendments to the Specific Plan

If no minor modification mechanism can be applied from the defined parameters listed previously in this chapter or as determined by the Planning Director, or their designee, a major amendment to the Specific Plan shall be required. California Government Code, Section 65453 allows for discretionary Specific Plan Amendment procedures and regulations and allows for the amendment approval by the Planning Commission and City Council of the City of San Marcos. The City of San Marcos shall process formal Specific Plan Amendments with additional environmental review unless the proposed changes do not warrant additional environmental review in accordance with the "Options for Further CEQA Review of Subsequent Discretionary Approvals" as described in Section 7.2.1.1.

7.8 Projects Exempt from Additional Environmental Documentation

Subsequent development proposals within the Specific Plan, if found by the City of San Marcos to be consistent with this Plan and the impact analysis and mitigation measures found in the MND, or as otherwise statutorily or categorically exempt from CEQA, may be approved, and implemented without further public environmental review according to California Government Code Section 65457.

7.9 Projects that Require Additional Environmental Documentation

Any future development within the Specific Plan area may be subject to further review and subsequent discretionary permits and approval from the City of San Marcos Development Services Department. Application, fee, and processing requirements shall be in accordance with the City's regulations, unless modified by this Specific Plan. Applications for subsequent development projects or public improvements and other activities will be reviewed by the Development Services Department using established procedures to determine consistency with the Pacific Specific Plan and all pertinent development standards, design standards, and mitigation measures identified during the environmental review process, as well as other applicable conditions of approval adopted as part of this Specific Plan. Review and analysis of a subsequent project permit(s) may trigger conditions of approval that the City determines to be reasonably necessary to ensure the projects application and or plans achieve compliance with this Specific Plan. Amendments to the Specific Plan may be necessary to respond to changes in housing market trends and the economy. Applications that are not in substantial conformance and do not qualify for a minor deviation will require an amendment to the Specific Plan. Amendments may be processed either administratively through the Planning Director, or their designee's review or through the Planning Commission. The applicant may submit an application to the City of San Marcos' Development Services Department, which may include maps, text, and or technical studies describing the nature and intent of minor modifications. Upon submittal, the Planning Director or their designees will make a determination as to the applicability of the amendment process. No amendment shall be approved that is not consistent with the General Plan.

8.0 GLOSSARY

This chapter provides definitions for selected terms and land uses within the Restaurant Row Specific Plan. If terms are not specifically defined in this chapter, the comparable regulations of this Zoning Ordinance and all adopted ordinances, regulations, standards, and guidelines of the City shall apply, subject to the Director's discretion.

8.1 Land Use Definitions

Multifamily Dwelling. A type of residential development comprised of a building or portion thereof, used for occupancy by three (3) or more households living independently of each other, and containing three (3) or more dwelling units. See definition of "Dwelling, Multifamily" in SMMC Section 20.600.060 for additional information.

Accessory Dwelling Unit (ADU). An attached residential dwelling unit that provides complete independent living facilities for one or more persons. It shall include permanent provisions for living, sleeping, eating, cooking, and sanitation on the same parcel as the single-family or multifamily dwelling is situated. An Accessory Dwelling Unit also include an efficiency unit, as defined in Section 17958.1 of the Health and Safety Code.

Rooming House. Rooming House (land use). A building containing three (3) or more bedrooms or other rooms used, designed, or intended to be used, rented, leased, let or hired to be occupied or which are occupied by five (5) or more individuals under five (5) or more separate oral or written leases, subleases or any other contractual agreement designed to effectuate the same result, with or without meals, for compensation, as permanent guests pursuant to an arrangement for compensation for definite periods, by the month or greater term. A “Rooming Housing” does not require a property owner, or an agent, or a rental manager, to be in residence. A “Rooming House” may or may not have individual or group cooking facilities. A “Rooming House” may or may not provide free access to common living areas beyond the bedrooms or guest rooms. A “room” means any rented, leased, let, or hired room, living space or other square footage within the building that is used or designed to provide sleeping accommodations for one (1) or more persons. A property permitted accessory dwelling unit, second unit, or “granny flat” shall not be considered a rooming house if used, designed, or intended to be used, rented, leased, let or hired, to be occupied or that is occupied by two (2) or fewer individuals under two (2) or fewer written leases, subleases or any other contractual agreement designed to effectuate the same result, with or without meals, for compensation, as permanent guests pursuant to an arrangement for compensation for definite periods, by the month or greater term Row Home. A series of dwelling units, attached in a row, separated from each other by an unpierced wall extending from basement to roof.

Live-Work Unit. Live/Work means an integrated dwelling unit and working space, in which the work component is the primary use, and the residential component is secondary, occupied by a single housekeeping unit in a structure, that has been designed or structurally modified to accommodate joint residential occupancy and work activity, and that includes:

1. Complete kitchen space and sanitary facilities in compliance with the Building Code; and,

2. Working space reserved for and regularly used by one (1) or more occupants of the unit.

Artist Studio. Businesses engaged in the production of objects of art or craft produced by individuals or groups of fewer than three (3) individuals that are intended for direct retail sale. This included private and public art studio spaces, but does not include manufacturing activities that result in goods intended for wholesale distribution.

Banks and Other Financial Institution. Establishments that provide retail banking, credit, and mortgage services to individuals and businesses. This classification includes banks, credit unions, and savings and loan establishments but excludes business primarily engaged in check cashing or short-term (e.g. "payday") loans

Bar. Any retail facility maintaining and using an "On Sale Beer" license or an alcohol-related license other than an On Sale Beer license. For facilities operating under an On Sale Beer license, food shall not be sold or served to the public except as required by the license.

Builder Sales Office/ Design Studio. Any commercial use engaged in retail sales or leasing of the residential housing or commercial facilities within the Specific Plan area. Sales may be regulated by square footage thresholds subject to the regulations of the Specific Plan and shall be categorized by the following programmatic categories:

1) New home sales. The sale or leasing of new homes including the following:
    - Townhomes
    - Motorcourts
    - Greencourt
    - Towns over commercial
    - Front Street Rowtowns
2) Commercial
    - Commercial uses as defined in Table 5.3 Permitted Mixed Uses
3) Showrooms. Stand-alone and retail showroom establishments engaged in the sales or leasing of new residential homes or commercial spaces. All showrooms shall be subject to the operational and design standards of the SMMC section 200.440.190 (Showrooms), and the business operator shall sign an affidavit acknowledging all operational standards for such uses prior to issuance of a business license.

Clubs and Lodges. Meeting, recreational, or social facilities of a private or nonprofit organization primarily for use by members or guests including residential accommodations that are available to members on a temporary basis but excluding residential hotels. This classification includes union halls, social clubs, and youth centers.

Daycare, Large. A day care facility located in a residence and licensed by the State as a family childcare home, where a full-time resident provides care and supervision for periods of less than twenty-four (24) hours that serves three (3) to five (5), plus two (2) additional children after school, as defined in the Health

and Safety Code Chapter 3.4. Children under the age of ten (10) years old whole reside in the home count as children served by the day care facility. This use may be permitted by a DP subject to compliance with the following procedures and restrictions:

1) It is located in a three (3) bedroom home.
2) The large family daycare home shall be located a minimum of three hundred (300) feet from any other large family daycare home. If the facility is located between three (300) hundred and five hundred (500) feet from an existing large family daycare home, the applicant shall submit proof that the existing large family daycare home is operating at full capacity.
3) An application for a DP to allow a large family care home shall be processed under its own application from and specific fee and shall not be subject to the submittal requirements of the standard project application.

Farmer's Market (Certified) outdoor. A temporary marketplace, either indoors or outdoors, for the display and sale of produce and other agricultural products such as, but not limited to, fresh fruits, vegetables, nuts, honey, shell eggs, flowers, and nursery stock, for which a Certified Farmers' Market Certificate has been issued by the County Agricultural Commissioner pursuant to California Code of Regulations, Title 3, Division 3, Chapter 1, Subchapter 4, Article 6.5.

Food and beverage sales. Retail sales of food and beverages for off-site preparation and consumption. Typical uses include supermarkets, specialty food stores, delicatessens, or convenience markets. This classification excludes large-scale stores that sell food items and beverages in bulk.

Industrial Design and Services (builder sales office design/studio. Any business providing or combining professional design services and light fabrication or assembly technology for product specification. This land use may include office space and light or quasi-light industrial space to provide the full range of design, testing, and modification of commercial and industrial products.

Live Entertainment as an accessory use. Music, comedy, readings, dancing, acting, or other entertainment performed on a site three (3) or more days during a calendar year. This includes dancing by patrons to live or recorded music.

Massage, Accessory Use. A use where massages occurs either permanently or temporarily in conjunction with a primary permitted land use, and the area where the massage occurs covers less than twenty percent (20%) of the gross floor of the principal use. All persons performing massages shall be state licensed.

Merchandise Sales, New Retail. Any commercial use engaged in retail sales of merchandise not specifically listed under another use. Merchandise sales may be regulated by square footage thresholds subject to the regulations of the applicable Zone and shall be categorized by the following programmatic categories:

1) Discount. The retail sales of new merchandise by discount retailers, including all products or commercial stores listed under "New Retail."

2) New Retail. The retail sales of new merchandise including the following products or commercial stores:

- Antique shop
- Artists'/craft supplies
- Bicycle shops
- Bodegas
- Books/stationary
- Cameras and photographic supply stores
- Candy shop
- Cheese shops
- Clothing and accessories
- Collectibles (cards, coins, comics, stamps) excludes second-hand and pawn
- Department stores
- Dry goods
- Fabrics and sewing supplies
- Pharmacy
- Florist and house plants (indoor sales only)
- Hardware
- Hobby materials
- Jewelry
- Luggage and leather goods
- Movie rental and sales (does not include cinemas)
- Musical instruments, parts and accessories
- Newsstands
- Orthopedic supplies
- Paint sales
- Small wares
- Specialty shops
- Sporting goods and equipment

- Toys and games
- Variety stores
- Wine shops

3) Showrooms. Standalone and retail showroom establishments engaged in the retail sales of larger-scale new merchandise including appliances, indoor or outdoor furniture. All showrooms shall be subject to the operational and design standards of section 200.400.190 (Showrooms), and the business operator shall sign an affidavit acknowledging all operational standards for such uses prior to issuance of a business license.

4) Used/Pawn. An establishment engaged in the retail sale of secondhand merchandise, or offering loans secured by personal property.

Microbrewery. A facility for the production of beer, fermented on the premises, for distribution, retail, or wholesale on or off premises. On-site tasting facilities shall be limited to the sale/tasting of product produced on-site and shall not exceed fifty percent (50%) of the building area. Ancillary retail sales are permitted. Alcohol-related businesses are subject to all applicable state law (California Business and Professions Code Section 23000 et seq.) licensing requirements for the sale or provision of alcohol.

Museum, Library, or Gallery. A commercial or nonprofit use that displays or preserves objects of interest in literature, the arts, or sciences.

Office: Administrative, Business, Corporate, non-profit. An establishment providing direct, "over-the-counter" services or business services to consumers or clients (e.g., insurance agencies, real estate offices, travel agencies, utility company offices, etc.) and office-type facilities occupied by businesses providing professional services and/or engaged in the production of intellectual property. Offices shall be categorized by the following programmatic categories:

1) Corporate, Administrative, Business. Offices for private commercial or nonprofit business.
2) Government. Any office building or space owned, operated or leased by a municipal entity for the purpose of conducting municipal business or operations.
3) Medical/Dental/Holistic. Offices for the conduct of medical practice out-patient Services

On-Premises Alcoholic Beverage Sales. The retail sale of liquor beer, wine, or other alcoholic beverages for on-premises consumption, such as bars and nightclubs, but excluding full-service restaurants.

Outdoor Dining. Any outdoor space directly adjacent and accessory to a primary Restaurant land use for the purpose of outdoor food or beverage service and dining. Subject to provisions of chapter 20.400 (Specific Use Standards) and regulated by Zone.

Personal Services (land use). Any place of business providing services and accessory retail sales of products related to the services provided, categorized by the following programmatic elements:

1) General. An establishment providing non-medical services to individuals as a primary use, including the following service types.
   - Barber shops
   - Beauty salons
   - Bridal salon/clothing rental

- Ear piercing services as ancillary use
- Hair salons
- Home electronics and small appliance repair
- Massage accessory use (see definition in this chapter)
- Nail salons
- Seamstress/tailors tanning salons
- Permanent makeup services as an ancillary use to a beauty, hair, or nail salon. To qualify as an ancillary use, permanent makeup services cannot be provided in conjunction with any Tattoo and/or Body Art Facility. Said facilities are considered a Tattoo and/or Body Art Facility land use, subject to the SMMC Section 20.400.200 (Tattoo and/or Body Art Facility)
- Shoe repair shops

2) Fitness/Health Facility. Any place of business or membership club providing facilities devoted especially to health, beauty, and relaxation that deals with the cosmetic, therapeutic, and/or holistic treatments, where people visit for professionally administered personal care treatments, including health or physical fitness clubs.Massage accessory use(s) may be permitted. A medical spa shall be classified as a Medical Office land use.
3) Limited Instructions. Any place of business that is intended for group or individual instruction, including art, dance, gymnastics/gymnasium, indoor batting cages, martial arts of any form, mediation, modeling agencies, pilates, pottery, rock climbing, tutoring, volleyball club/organizations, yoga, weight control clinics. Massage shall not be regulated under this land use.

Places of Assembly (Small). Gathering places for public, private, commercial or nonprofit gatherings with permanent or moveable seating. Attached portions of civic center and public-school buildings including non-fixed seating may also be considered community assembly space that may be rented to nonprofit civic or community organizations; no additional use permit shall be required for this rental use. The following use types shall all be considered within the "Places of Assembly" land use:

1) Auditorium. A building used or designed for audience attendance, including public assembly, meetings, lectures, dances, entertainment, and similar uses. This use does not apply to auditoriums within a school facility.

2) Place of Worship. A facility or establishment the principal purpose of which is religious worship. A primarily religious or nonprofit facility may include structures and activities including sanctuary space, religious education, ministry, clothing and food distribution (kitchen facility), counseling, employment assistance, study or library space, referral services, and support groups, and assembly rooms. A place of worship shall be limited to one (1) single-family dwelling unit; any additional dwelling units or spaces require separate land use approvals and permits as applicable and permitted within the Zone. A place of worship does not include businesses operated by the religious group for support of religious activities or for charitable purposes. A place of worship falls within the "Community Assembly" land use and requires a conditional use permit.

Restaurant. Any establishment operated for the primary purpose of providing food, beverages, or meals for compensation, which has suitable kitchen facilities for the preparation, storage and service of food. Any bar area, all applicable licenses required, shall be limited to five hundred (500) square feet or thirty percent (30%) of the dining area; bar areas exceeding these limits shall be classified as a bar.

Appendix "A"

Intersecting Metrics

MEMORANDUM

To: David Shepherd, Lennar
From: Stephen Cook, TE, Intersecting Metrics
Date: August 17, 2023

Regarding: Old California Restaurant Row Parking Analysis

The purpose of this technical memorandum is to analyze and document the parking demand and supply for the proposed Old California Restaurant Row (OCRR) Redevelopment Project (Proposed Project) as well as document the shared parking easements and covenants currently in place with the other adjacent properties within the Via Los Vallecitos De San Marcos site, of which the Proposed Project is a part. The Via Los Vallecitos De San Marcos site is the commercial center generally running along West San Marcos Boulevard, between Los Posas Road and Via Vera Cruz Street, and is currently improved with retail, restaurant, theater, and office uses (Via Los Vallecitos De San Marcos site).

Project Background

The Proposed Project is located on the northwest corner of the West San Marcos Boulevard and Via Vera Cruz intersection, in the Via Los Vallecitos De San Marcos site. The Proposed Project will replace 63,484 square feet (SF) of existing restaurant uses (Old California Restaurant Row) with 202 multi-family dwelling units, approximately 9,575 SF of leasable commercial retail uses (approximately 10,400 SF of gross), and 1.1 acres of neighborhood park. The Proposed Project will provide 501 parking spaces on-site, with 392 private garage spaces, d 9 open bay residential spaces reserved for project residents, and the remaining 100 spaces being open to the Proposed Project's residential guests, retail patrons and park users, as well as other users of the larger Via Los Vallecitos De San Marcos site pursuant to the shared parking agreements are further described herein. Figure 1 displays the Proposed Project's location, while Figure 2 displays the Proposed Project's site plan.

Proposed Project Parking Demand

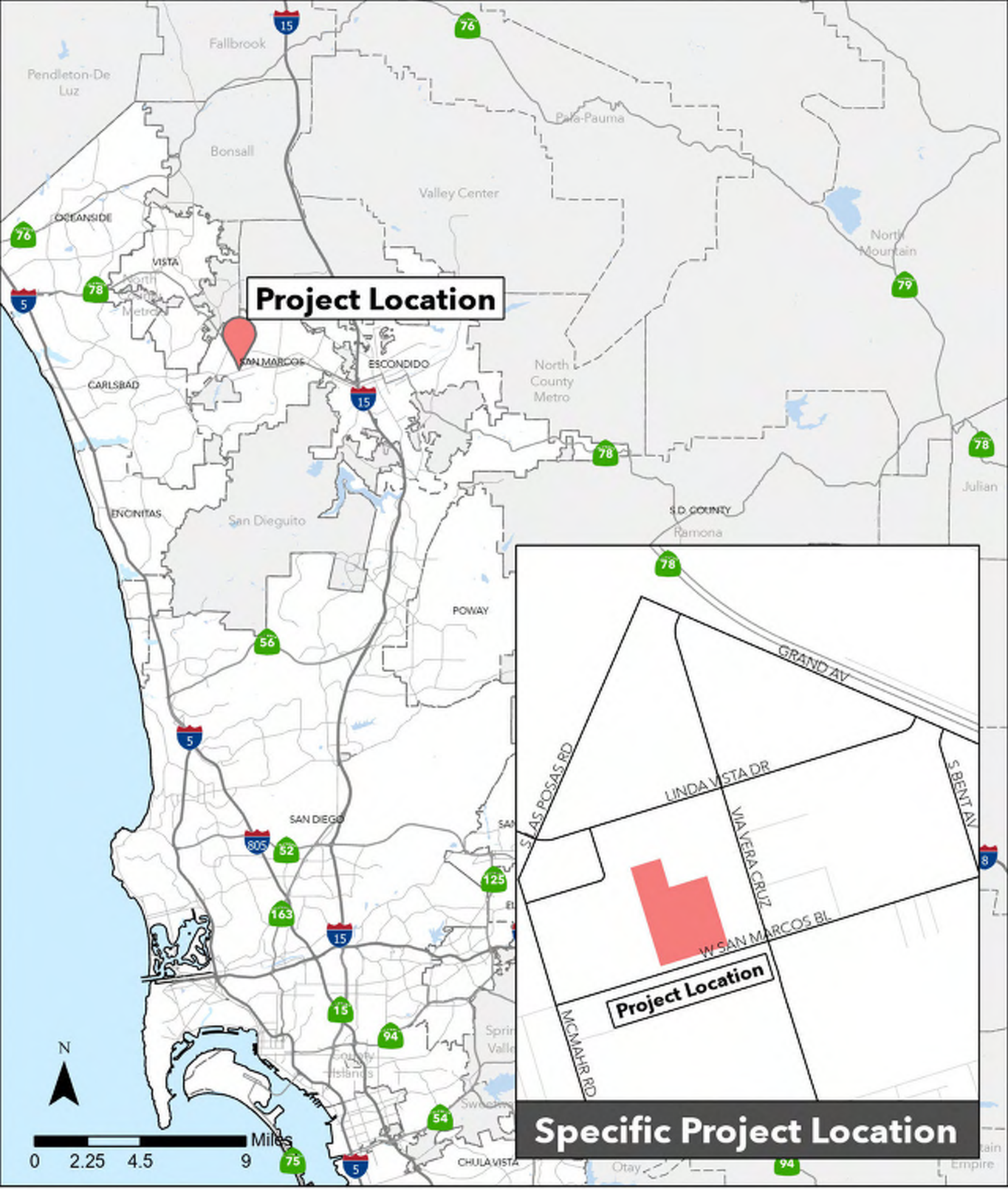
Tables 1 & 2 provide a summary of the parking requirements for the Proposed Project's land uses. The parking requirements for each land use was derived from the requirements outlined in Section 20.340 of the City of San Marcos Municipal Code, unless otherwise noted[1].

Table 1: Proposed Project Parking Requirements – Residential Uses

Land Use	Quantity	Parking Supply Rate	Required Parking Supply
Multi-Family (2 BR)	107 Units	1.75 per Unit	188
Multi-Family (3+ BR)	95 Units	2 per Unit	190
Guest Parking	202 Units	0.15 per DU[1]	31
Total			409

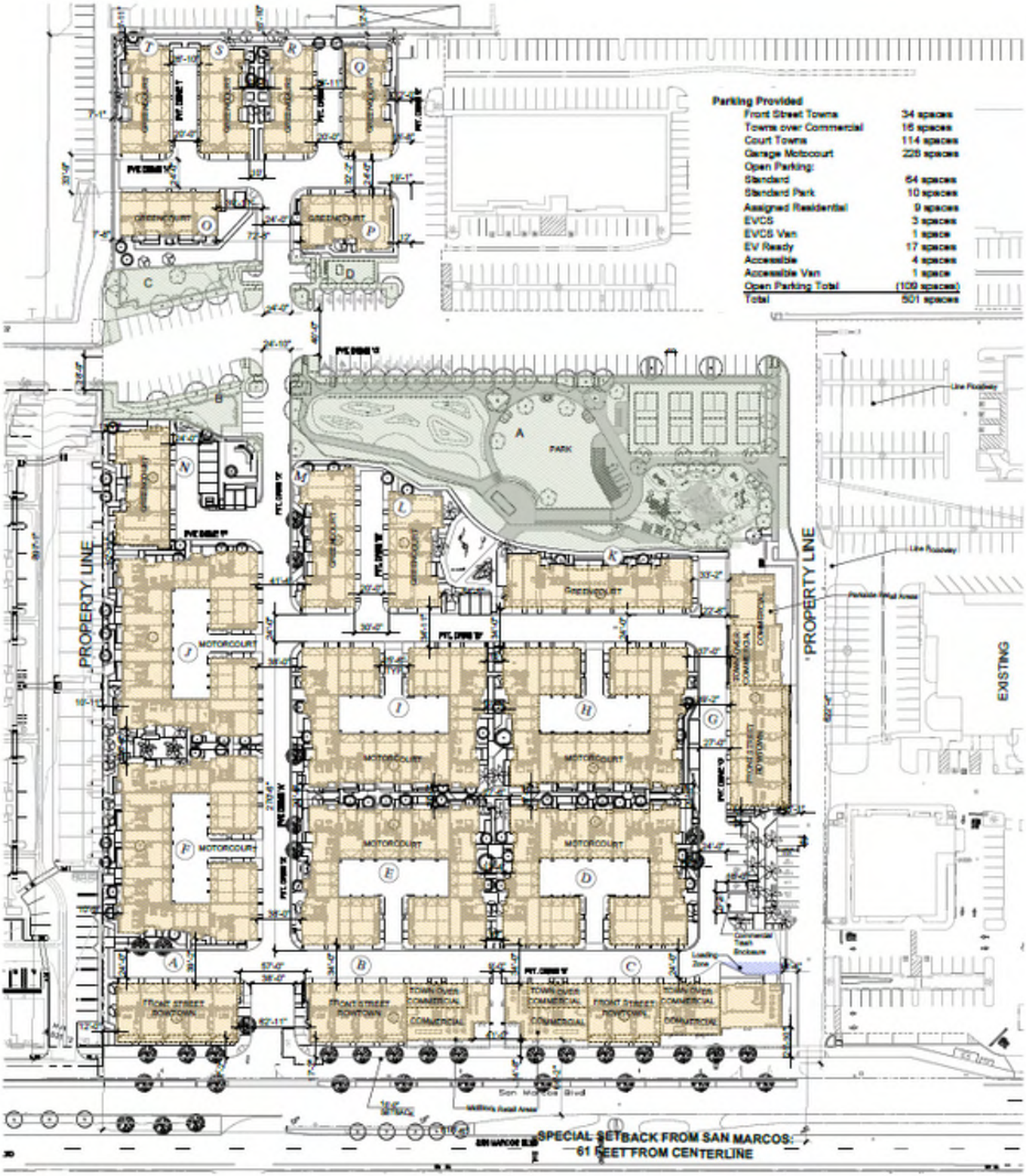
Note:
[1]Rate is based on *Urban Land Use Institute's (ULI) Shared Parking Guide, Third Edition, 2020* as it better reflects the mixed-use and urban environment in which the Proposed Project would be located.

[1] A Specific Plan is being processed for the Proposed Project that will set forth parking requirements based on Section 20.340 of the Municipal Code, the Urban Land Use Institute's (ULI) Shared Parking Guide, Third Edition, 2020, observed parking demands, and other industry based parking guidance to develop parking standards appropriate for Proposed Project's mix of land uses considering the existing surrounding environment.



Old California Restaurant Row

Figure 1
Project Location



Old California Restaurant Row

Figure 2
Project Site Plan

Table 2: Proposed Project Parking Requirements – Non-Residential Uses

Land Use	Quantity	Parking Supply Rate	Required Parking Supply
Park Site	1.1 Acres	9 per Acre	10
Sit-Down Restaurant > 2,000 SF	3,232 SF	7.5 spaces per 1,000 SF[3]	24
Take-Out Restaurant < 2000 SF	4,063 SF	6.5 spaces per 1,000 SF	27
Retail	2,280 SF	3 spaces per 1,000 SF	7
		Total	68

Note:
[1]Rate established based on the parking demand observed at the adjacent sit-down restaurants, see **Attachment 1**.

Residential Parking Supply

Table 3 summarizes the parking spaces that the Proposed Project will allocate to its residents, either through personal garages or reserved open bay spaces within the project site.

Table 3: Residential Parking Spaces Provided

Land Use	Parking Spaces Provided
2 car garages (190 units)	380
1 car garages (12 units)	12
Assigned open bay spaces for units with a single car garage[1]	9
Residential Guest Parking Spaces	31[2]
Total Residential Parking Spaces:	432

Note:
[1]Nine open bay spaces are needed to fulfill the parking requirement of 1.75 spaces per unit for the 2-bedroom units with only a single car garage (12 units X 1.75 spaces per unit = 21 spaces needed = 9 open bay spaces + 12 garage spaces)
[2]Residential guest parking spaces (open bay spaces) will not be reserved for individual users or uses. Instead, they will be included in the larger pool of parking that will be available to guests of non-residential uses both within the Proposed Project as well as the adjacent properties that have a shared parking covenant or easement.

As shown in Table 3, the Proposed Project will provide 432 reserved parking spaces for its residential uses, which is sufficient to accommodate its 409 residential parking space requirement (See Table 1).

Non-Residential Parking Supply

Table 4 summarizes the parking spaces that the Proposed Project will allocate towards non-residential uses. All non-residential parking spaces will be open bay spaces they will be included in the larger pool of parking that will be available to guests of non-residential uses both within the Proposed Project as well as the adjacent properties that have a shared parking covenant or easement.

Table 4 : Non-Residential Parking Spaces Provided

Land Use	Parking Spaces Provided
Park	10
Commercial Uses	59
Total Residential Parking Spaces:	69

As shown in Table 4, the proposed Project will also include 69 open bay parking spaces that will be available to the public, which is sufficient to accommodate the public parking requirement of 68 public spaces (see Table 2).

It should also be noted that, as per Easement Agreement recorded on January 30, 1990 as Document Number 90-050972, 36 of the 100 open bay parking spaces (includes the 31 guest parking spaces) can be used by Fish House Vera Cruz customers and invitees on a nonexclusive basis ("FHVC 36 Space Parking Easement"). All public spaces will also be available to the permitted users of other adjacent parcels in the Via Los Vallecitos De San Marcos site pursuant to the Declaration of Reciprocal Easement Agreements recorded as Document Number 1996-0564623 ("Parking REA"). The FHVC 36 Space Parking Easement, the Parking REA and other shared parking arrangements affecting the Proposed Project site are further described herein.

Bicycle Parking Requirements

Table 4 outlines the Proposed Project's bicycle parking requirements as per the requirements outlined in Table 20.340-2 of the City of San Marcos Municipal Code.

Table 4: Bicycle Parking Requirements

Land Use	Quantity	Rate	Bike Parking Spaces Required
2 Bedroom Units	107 Units	0.75/unit	81
3+ Bedroom Unit	95 Units	1/unit	95
Non-Residential	9,575 SF	0.75/1000 SF	8

As shown in Table 4, the Proposed Project is required to provide 176 bicycle parking spaces to accommodate its residential uses. All residential units will have private garages, which is identified as a Class I locker in Table 20.340-6 of the City of San Marcos Municipal Code, thus meeting this bike parking requirement. The Proposed Project is also required to provide eight bike parking spaces for the retail uses. These spaces will be placed in the public areas on the east side of the project site. As per the Municipal Code two of the bike spaces will be Class I spaces (25%) and six spaces will be Class II spaces (75%).

Existing Parking Supply & Parking Covenants / Easements

There are several uses occupying the adjacent parcels to the project site within the Via Los Vallecitos De San Marcos site which currently have access to the same pool of parking as the OCRR site. The Proposed Project will allow these adjacent parcels to continue utilizing parking on the Proposed Project site, as required by the shared parking agreements described below. Pursuant to those agreements, the Proposed Project will continue to have reciprocal rights to utilize parking on adjacent parcels as well. The Proposed Project does not rely upon these parking rights to satisfy parking requirements, however, as it provides all required parking onsite within the boundaries of the Proposed Project.

Agreement Number 1996-0564623

The Parking REA[2] was recorded against the Edwards Cinema site, the auxiliary parking lot located north of the former Sears Site, the OCRR site (including Buffalo Wild Wings and Cocina Del Charro), the 338 Via Vera Cruz office building, and the Wells Fargo site. This Parking REA grants all employees, agents, contractors, customers, visitors, invitees, licensees, and concessionaires of the owners and/or lessees of the affected properties (Permitted Users) included within the agreement the nonexclusive right to use each other's access points, common areas, and parking spaces. As such, this Parking REA allows for shared parking between the sites listed above. The owners benefitted by the Parking REA will be allowed

[2]Note: The Parking REA originally did not encumber the entire theater parcel, but was amended on April 19, 1999 to expand Parcel D (Theater Site) to include Parcel 210-200-43 (Doc ID# 1999-025887). This agreement is provided in Attachment 1.

to utilize open parking within the Proposed Project site[3] and the Proposed Project will be allowed to utilized parking on the affected adjacent parcels. It should be noted that the 334 Via Vera Cruz office building, the Fish House Vera Cruz, and the southern portion of the former Sears site were not included in the Parking REA and therefore do not have rights to park on the Proposed Project site under the Parking REA. Finally, the Parking REA does not specify any number of parking spaces a property needs to maintain or share with the other properties. All agreements are provided in Attachment 2.

CUP 94-255

The Conditional Use Permit (CUP) for the Regal Edwards Cinema (theater site) (CUP 94-255), which is west of the project site and connects to the OCRR's parking lot, requires that a reciprocal agreement for access and shared parking be developed between the theater site and the adjacent parcels within the OCRR site. The CUP may have been the impetus for the Parking REA. However, CUP 94-255 does not cite a specific number of off-site spaces that are be required for the theater site, only that 782 be made available on-site or on the identified areas of the OCRR site (which are sites included in the Parking REA). There are more than 782 parking spaces available to the theater[4] without reliance on the Proposed Project site so development of the Proposed Project will not cause the theater to have access to fewer than 782 parking spaces.

FHVC Shared Parking Agreements

The Fish House Vera Cruz site was not included in the Parking REA with the other parcels adjacent to the project site, described above. However, there are two parking and access easements between the OCRR site and the Fish House Vera Cruz:

1. An Easement Agreement recorded on July 18, 1989 as Document Number 89-378260 (FHVC 54 Space Parking Easement) allows the OCRR site (including the Proposed Project site, Cocina Del Charro and Buffalo Wild Wings, all identified as Parcel B) the nonexclusive right to use up to 54 parking spaces located on the Fish House Vera Cruz site (Parcel A). There is no limitation requiring users of these parking spaces to be customers, invitees or patrons restaurants operating on the OCRR site. The only limitation is that the easement cannot be construed as a gift or dedication to the general public or for "public purposes." The Proposed Project will not "gift or dedicate" any of the 54 parking spaces on the Fish House Vera Cruz property to the general public or for public purposes. As the Proposed Project will satisfy parking requirements onsite, it will not rely on use of these 54 parking spaces to satisfy parking requirements at all.

2. A second easement, the FHVC 36 Space Parking Easement described above, allows the Fish House Vera Cruz site (Parcel A) the nonexclusive right to use 36 parking spaces on Parcel B. Fish House Vera Cruz will have the continued right to use 36 parking spaces on Parcel B, including the Proposed Project site on a nonexclusive basis, consistent with the terms of the FHVC 36 Space Parking Easement Agreement.

The two agreements only permit each party to use the allocated number of parking spaces on either property (Fish House Vera Cruz can use up to 36 spaces within the OCRR site and OCRR can use up to 54 spaces on the Fish House Vera Cruz site). However; neither agreement requires either party to reserve any number of spaces for the use of the other party nor does it guarantee that the spaces will be unoccupied at any time.

[3] The Parking REA does not require benefitted owners the right to use residential garage or the 9 reserved residential parking spaces as the Parking REA allows a reduction in shared parking on the project site so long as the reduction does not cause any parcel in the Center to have insufficient parking to meet City parking requirements. (Parking REA, §2.) The removal of parking spaces from the Proposed Project site does not cause any other parcel subject to the Parking REA to fail to meet applicable City parking requirements.

[4] The theater parcel alone has 725 onsite parking spaces, as shown on Attachment 3.

Buffalo Wild Wings Lease

The November 17, 2014 lease agreement between the project site and the Buffalo Wild Wings site identifies an area of no change within the parking areas around the Buffalo Wild Wings site and its adjacent access points on San Marcos Boulevard and Via Vera Cruz. This agreement and the exhibit depicting the area of no change is provided in Attachment 2.

Figure 3 displays a map of the properties that have a shared parking agreement with the project site, as discussed above.

Table 5 outlines the existing parking supply for these sites, the current land uses which utilize parking supply, and the agreements in which each site is a part of. A recent aerial image displaying the parking spaces included within each parcel is provided in Attachment 3.

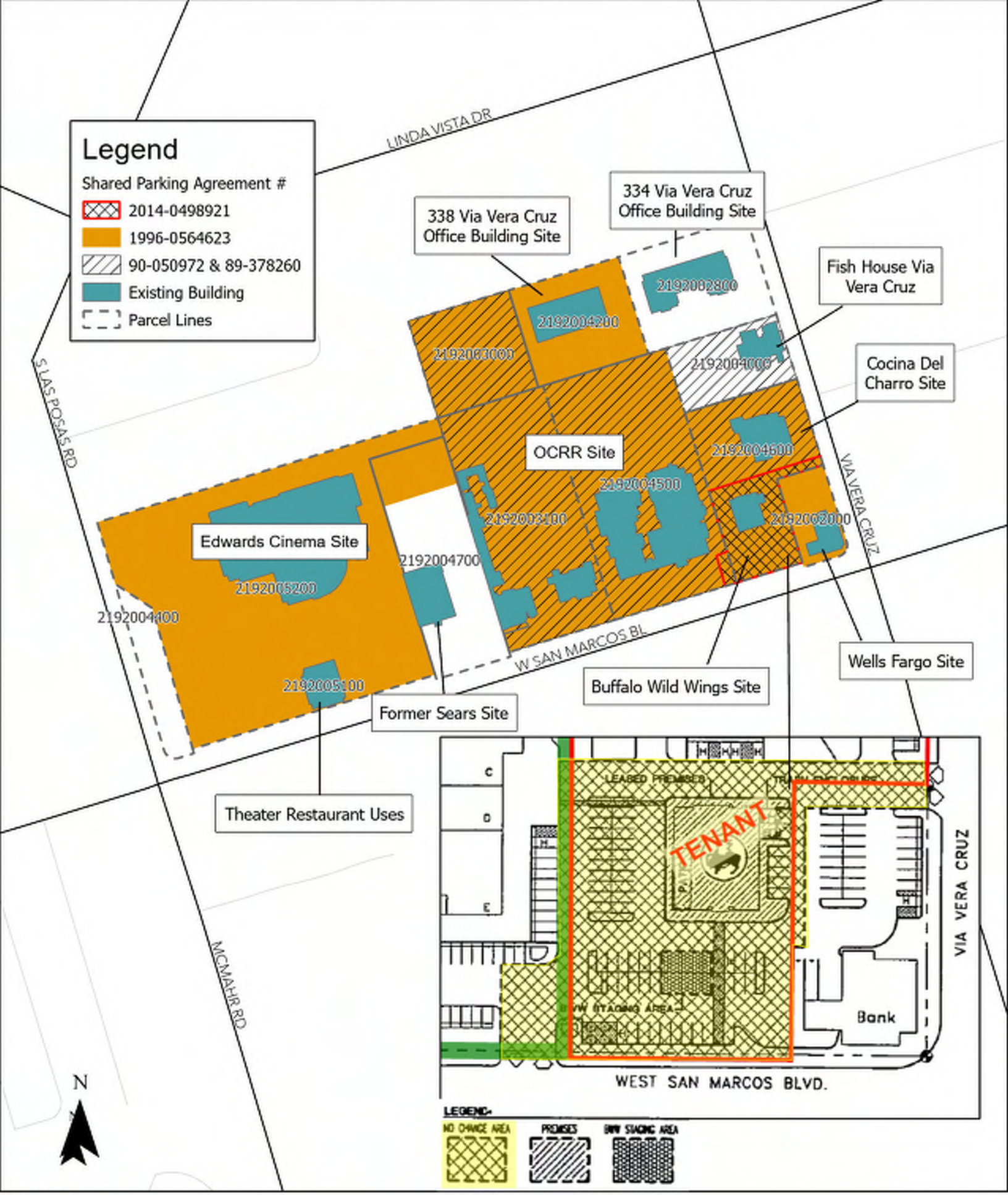
Table 5: Existing Parking Supply

Parcel (APN)	Use(s)	Size (SF)	Parking Spaces
2192003000	OCRR Site[1,2]	63,484 SF	822
2192003100			
2192004500			
2192004000	Fish House Vera Cruz[2]	9,100 SF	82
2192004600	Cocina Del Charro[1,2]	12,047 SF	98
	Buffalo Wild Wings[1,2]	5,445 SF	56
2192002000	Wells Fargo[1]	6,682SF	25
2192004200	338 Via Vera Cruz Office Building[1]	34,000 SF	132
2192004700	Sears Site Shared Parking Lot[1,3]	-	85
2192004400	Regal Edwards San Marcos[1]	3,200 seats[4]	725
2192005200			
2192005100	Theater Restaurants[1]	7,500	

Notes:
[1]Included in the Parking REA, allowing patrons of all uses to use each other's parking supply.
[2]Inclused in FHVC 36 Space Parking Easement and the FHVC 54 Space Parking Easement which allows the OCRR uses to use 54 parking spaces on the Fish House Vera Cruz site and Fish House Vera Cruz to use 36 spaces on the OCRR site.
[3]The Sears Site is no longer party to the Parking REA as it only benefitted and burdened the Sears leasehold interest, which has terminated.
[4]Source:Regal Edward Cinema CUP (CUP 94-255)

Off-Stie Parking Changes

The Proposed Project will remove seven spaces, that currently serve the Buffalo Wilding Wings site, to accommodate the implementation of the Multi-Way along San Marcos Boulevard. This change will reduce Buffalo Wild Wings Parking from 56 spaces to 49 spaces. The parking spaces to be removed are located is within an irrevocable offer of dedication (IOD) which the City of San Marcos is requesting the Proposed Project utilize to accommodate the multi-way improvements. As noted in Figure 3, this change is within the area of no change outlined in the Buffalo Wild Wings lease with OCRR. Thus, this change will require an amendment to the existing lease. It should be noted that the Buffalo Wild Wings site will still meet the City's parking requirements with this proposed removal of the 7 parking spaces (5,445 SF X 8.5 spaces per 1,000 SF = 47 spaces required with 49 being provided). The Proposed Project does not propose to remove parking spaces from the Fish House Vera Cruz site or any other sites.



Old California Restaurant Row

Figure 3

Shared Parking Agreements

Conclusion

The Proposed Project will provide 401 reserved parking spaces for its residential uses, as well as allocate 31 unreserved open bay spaces for residential guests, which is sufficient to accommodate its 409 residential parking space requirement. The Proposed Project will also include 69 open bay parking spaces that will be available to the public, which is sufficient to accommodate the Proposed Project's public parking requirement of 68 public spaces. 36 of the 100 open bay parking spaces can be used by Fish House Vera Cruz patrons on a nonexclusive basis; thus fulfilling the obligations outlined in FHVC 36 Space Shared Parking Agreement. Finally, all public spaces will also be available to the Permitted Users of the other properties benefitted by the Parking REA, as required by the terms of the Parking REA. Therefore, the Proposed Project will accommodate its full parking demand on-site and will continue to fulfill the current obligations contained within the current parking easements / covenants affecting the Proposed Project site.

Attachment 1
Restaurant Parking Study

MEMORANDUM

To: David Shepherd, Lennar
From: Stephen Cook, TE, Intersecting Metrics
Date: Augusst 17, 2023
Regarding: Old California Restaurant Row Restaurant Parking Analysis

The purpose of this technical memorandum is to document the observed parking demand of the existing restaurants adjacent to the Old California Restaurant Row (OCRR) Site. The observed parking demand of the existing restaurants can then serve as an analog for the parking requirements for sit-down restaurants that may be included within of the OCRR Re-Development Specific Plan.

To determine the parking demand for the sit-down restaurant uses that may be included within the OCRR Re-Development Specific Plan, a parking occupancy study was performed on the three sit-down restaurants adjacent to the OCRR site (Fish House Vera Crus, Cocina Del Charro and Buffalo Wild Wings). Hourly parking occupancy counts were conducted for all sites during peak times (between 4:00 PM and 9:00 PM), on Friday April 28, 2023 and Saturday April 29, 2023. The observed parking counts are displayed in Table 1.

Table 1: Observed Parking Counts

Date	Use	Observed Parking Demand			
		Fish House Vera Cruz	Cocina Del Charro	Buffalo Wild Wings	Total
4/28/2023 (Friday)	4:00 PM	32	66	25	123
	5:00 PM	49	80	39	168
	6:00 PM	59	89	51	199
	7:00 PM	49	83	36	168
	8:00 PM	42	71	29	142
	9:00 PM	22	63	36	121
4/29/2023 (Saturday)	4:00 PM	30	50	34	114
	5:00 PM	31	64	26	121
	6:00 PM	40	78	41	159
	7:00 PM	47	82	38	167
	8:00 PM	33	73	39	145
	9:00 PM	12	58	28	98

As shown in the table, the highest observed parking demand, across all three sites, occurred at 6:00 PM on a Friday, April 28th. To determine the parking ratio of the uses, Table 2 compares the maximum observed parking demand at each restaurant to the total square footage of each site.

Table 2: Restaurant Parking Demand

Restaurant	Size (SF)	Peak Demand
Buffalo Wild Wings	5,445	51
Cocina Del Charro	12,047	89
Fish House Vera Cruz	9,100	59
Total	26,592	199
	Parking Ratio	0.00748

As shown in Table 2, the 26,592 SF of existing restaurant uses generated a maximum observed parking demand of 199 spaces. This resulted in a parking demand ratio of approximately 7.5 spaces per 1,000 SF (199 Spaces / 26.592 KSF). As such, it is recommended that the OCRR Re-Development Specific Plan utilize a parking ratio of 7.5 spaces per 1,000 SF for all of its restaurant uses that have more than 2,000 SF of leasable area.

Attachment 2
Covenants for Easements Between the Various Parcels

15

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RECORDED IN OFFICIAL RECORDS OF SAN [illegible] COUNTY, CA

89 JUL 18 PM 3:47

VERA L. LYLE
COUNTY RECORDER

RF 5
AR 3
MG 1

RECORDING REQUESTED BY AND
WHEN RECORDED RETURN TO:

SCHAEFER & SMITH,
A PROFESSIONAL LAW CORPORATION
314 S. MELROSE DRIVE, SUITE 100
VISTA, CA 92083-6618

(For Recorder's Use Only)

APN: 219-200-32 & 33

COVENANT FOR EASEMENT

This covenant made this 18th day of July 1989, by the undersigned parties.

WHEREAS, the undersigned are the owners of the real property in the City of San Marcos, County of San Diego, State of California, being a portion of lot 1 in block 77 of Rancho Los Vallecitos de San Marcos, in the City of San Marcos, County of San Diego, State of California, according to map thereof No. 806, filed in the Office of the County Recorder of San Diego County, December 21, 1895, and more particularly described on Exhibit "A" attached hereto and incorporated herein by this reference.

WHEREAS, it is the desire and intention of the undersigned to restrict said land as a condition of obtaining approval by the City of San Marcos of the boundary adjustment effecting said property.

NOW THEREFORE, in consideration for the approval the undersigned covenants with the City of San Marcos and agrees on behalf of itself, its heirs, successors and assigns to retain for the use and benefit of Parcel B of the aforedescribed real property, an appurtenant, non-exclusive parking easement with a minimum of fifty-four (54) vehicular parking spaces, burdening and running with the land on Parcel A. The right to use shall be in

common with the right of use by the owners and occupants of Parcel A and it is expressly understood that this easement is not to be deemed a gift or dedication of any portion of Parcel A to the general public or for the use by the general public or for any public purpose whatsoever.

IT WITNESS WHEREOF, the parties hereto have executed this agreement on the day and year first above written.

DATED:

7-18-89

James Rollins Eubank

JAMES ROLLINS EUBANK, co-trustee UTD 12/22/86 FBO Eubank Family

DATED:

7-18-89

Vera Pauline Eubank

VERA PAULINE EUBANK, co-trustee TD 12/22/86 FBO Eubank Family

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On July 18th, 1989, before me, the undersigned a Notary Public in and for said state, personally appeared JAMES ROLLINS EUBANK and VERA PAULINE EUBANK on the basis of satisfactory evidence to be the person who executed the within instrument as trustees of the EUBANK FAMILY trust and acknowledged to me that the trust executed it.

WITNESS my hand and official seal.

OFFICIAL SEAL
LISA M AVILA
NOTARY PUBLIC CALIFORNIA
SAN DIEGO COUNTY
My Comm. Expires Nov 24, 1989

Exhibit "A"

Those portions of Lot 1 in Block 77 of Rancho Los Vallecitos de San Marcos, in the City of San Marcos, County of San Diego, State of California, according to Map thereof No. 806, filed in the Office of the County Recorder of San Diego County, December 21, 1895, described as follows:

Parcel A

Beginning at the point of intersection of the Northerly line of said Lot 1 with the Westerly line of Via Vera Cruz (84.00 feet wide) as shown on Parcel Map No. 10751 as recorded in the Office of said County Recorder, December 2, 1980; thence long said Northerly line, South 71°32' West, 302.00 feet (South 71°33'48" West, per Parcel Map No. 10751); thence South 18°28' East, 173.50 feet; thence North 71°32' East, 302.00 feet to said Westerly line of Via Vera Cruz; thence along said Westerly line, North 18°28' West (North 18°26'49" West, per Parcel Map No. 10751) 173.50 feet to the Point of Beginning.

Parcel B

Beginning at the point of intersection of the Northerly line of said Lot 1 with the Westerly line of Via Vera Cruz (84.00 feet wide) as shown on Parcel Map No. 10751 as recorded in the Office of said County Recorder, December 2, 1980; thence along said Northerly line, South 71°32' West (South 71°33'48" West, per Parcel Map No. 10751) 302.00 feet to the True Point of Beginning; thence South 18°28' East, 173.50 feet; thence North 71°32' East, 302.00 feet to said Westerly line of Via Vera Cruz; thence along said line, South 18°28' East (South 18°26'49" East, per Parcel Map No. 10751) 231.50 feet; thence South 71°32' West, 125.00 feet; thence South 18°28' East, 255.00 feet to the Southeasterly line of said Lot 1, also being the Northwesterly line of Encinitas Road (now known as San Marcos Boulevard), 66.00 feet wide as shown on said Map No. 806; thence along said line, South 71°32' West, 506 feet; thence North 18°28' West, 660.00 feet to said Northerly line of Lot 1; thence Northeasterly along said line, 329.00 feet to the True Point of Beginning.

EXCEPTING THEREFROM the Southerly 18.00 feet.

Order: 151518

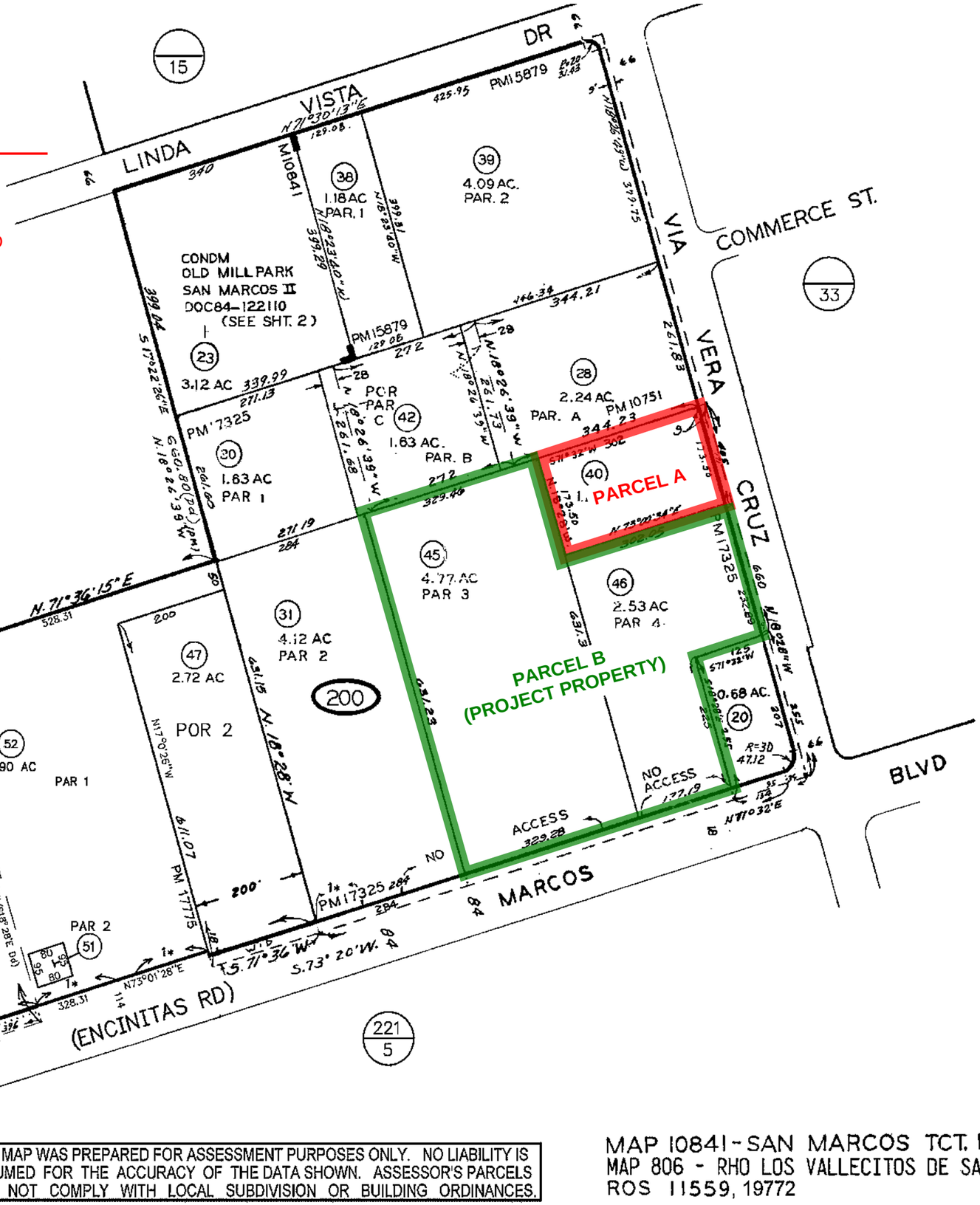
This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

COVENANT OF EASEMENT
FILE NO. 89-378260 REC. JULY 18, 1989

PARCEL A PER DOC - BURDENED LAND (ADJOINING PROPERTY)

PARCEL B PER DOC - BENEFITTED LAND (PROJECT PROPERTY)

NON-EXCLUSIVE PARKING EASEMENT WITH A MINIMUM OF FIFTY-FOUR (54) VEHICULAR PARKING SPACES BURDENING AND RUNNING WITH PARCEL A (ADJOINING PROPERTY) FOR THE BENEFIT OF PARCEL B (PROJECT PROPERTY)



4/07/08 MGS ✓

CHANGES

BLK	OLD	NEW	YR	CUT
200	9	47&48	97	1304
	25&48	49	97	1439
	49	50&51	97	1631
	43&50	52	99	1032
	52	SAME& ST OP	06	4728

1* NO ACCESS

MAS 9-1-70

SAN DIEGO COUNTY
ASSESSOR'S MAP
BOOK 219 PAGE 20 SHT 1 OF 2

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559, 19772

Requested By: Jennifer Fries , Printed: 5/13/2021 12:37 PM

Recorded Request Of
FIDELITY NATIONAL TITLE

OCT 12 1989

17

RECORDING REQUESTED BY AND
WHEN RECORDED RETURN TO:

MR. JAMES EUBANK
P.O. BOX 1003
SAN MARCOS, CA 92069

8904448A

1723

90 050972

RECORDED IN
OFFICIAL RECORDS
OF SAN DIEGO COUNTY, CA
1990 JAN 3 0 AM 8:00

RF 9
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(For Recorder's Use Only)

APN: 219-200-32&33

EASEMENT AGREEMENT

THIS AGREEMENT made this 21st day of July 1989, by and between JAMES ROLLINS EUBANK and VERA PAULINE EUBANK as co-trustees UTD 12/22/86 FBO the Eubank Family Trust, hereinafter referred to as EUBANK who is the owner of that certain property hereinafter referred to as OLD CALIFORNIA and more particularly described as:

A portion of Lot 1 in Block 77 of Rancho Los Vallecitos de San Marcos, in the City of San Marcos, County of San Diego, State of California, according to Map thereof No. 806, filed in the Office of the County Recorder of San Diego County, December 21, 1895, described as follows:

Parcel B

Beginning at the point of intersection of the Northerly line of said Lot 1 with the Westerly line of Via Vera Cruz (84.00 feet wide) as shown on Parcel Map No. 10751 as recorded in the Office of said County Recorder, December 2, 1980; thence along said Northerly line, South 71°32' West (South 71°33'48" West, per Parcel Map No. 10751) 302.00 feet to the True Point of Beginning; thence South 18°28' East, 173.50 feet; thence North 71°32' East, 302.00 feet to said Westerly line of Via Vera Cruz; thence along said line, South 18°28' East (South 18°26'49" East, per Parcel Map No. 10751) 231.50 feet; thence South 71°32' West, 125.00 feet; thence South 18°28' East, 255.00 feet to the Southeasterly line of said Lot 1, also being the Northwesterly line of Encinitas Road (now known as San Marcos Boulevard), 66 feet wide as shown on said Map no. 806; thence along said line, South 71°32' West, 506 feet; thence North 18°28' West, 660.00 feet to said Northerly line of Lot 1;

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thence Northeasterly along said line, 329.00 feet to the True Point of Beginning.

EXCEPTING THEREFROM the Southerly 18.00 feet.

with BBG PROPERTIES, a California General Partnership, hereinafter referred to as BBG who is the owner of that certain real property hereinafter referred to as the RESTAURANT PROPERTY and more particularly described as:

A portion of Lot 1 in Block 77 of Rancho Los Vallecitos de San Marcos, in the City of San Marcos, County of San Diego, State of California, according to Map thereof No. 805, filed in the Office of the County Recorder of San Diego County, December 21, 1895, described as follows:

Parcel A

Beginning at the point of intersection of the Northerly line of said Lot 1 with the Westerly line of Via Vera Cruz (84.00 feet wide) as shown on Parcel Map No. 10751 as recorded in the Office of said County Recorder December 2, 1980; thence long said Northerly line, South 71°32' West, 302.00 feet (South 71°33'48" West, per Parcel Map No. 10751); thence South 18°28' East, 173.50 feet; thence North 71°32' East, 302.00 feet to said Westerly line of Via Vera Cruz; thence along said Westerly line, North 18°28' West (North 18°26'49" West, per Parcel Map No. 10751) 173.50 feet to the Point of Beginning.

The parties desire to enter into a non-exclusive reciprocal parking agreement and BBG desires to acquire and EUBANK agrees to grant 36 designated parking spaces on OLD CALIFORNIA.

In consideration of their mutual promises, it is therefore agreed as follows:

1. Grant of Reciprocal Parking Easement.

A. EUBANK grants to BBG the right of the customers and invitees of BBG to use, in common with EUBANK, its customers and invitees and its tenants customers and invitees all areas used for parking on OLD CALIFORNIA, subject to the terms and conditions contained herein.

B. BBG grants to EUBANK the right of the customers and

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invitees of EUBANK and EUBANK's tenants, to use in common with BBG, its customers and invitees all areas used for parking on the RESTAURANT PROPERTY, subject to the terms and conditions contained herein.

C. Each reciprocal parking easement is subject to the following restrictions, terms and conditions:

i. It shall be used only for vehicular parking and vehicular and pedestrian ingress and egress to their respective premises;

ii. It shall not be used for vehicular parking by employees, workman, suppliers or suppliers of the respective grantee;

iii. It shall be subject to such reasonable rules and regulations as may now or hereafter from time to time be adopted by the respective grantor;

iv. It shall be maintained by the grantor at grantor's sole cost and expense; and

v. Each grantor may make such reasonable changes and relocate its parking area so long as the changes do not substantially impair the right of use by the grantee.

2. Grant of Non-exclusive Designated Parking: EUBANK hereby grants to BBG the non-exclusive right to use in common with EUBANK, EUBANK's tenants and the customers and invitees of EUBANK and EUBANK's tenants, the 36 parking spaces designated as such on the map attached hereto marked exhibit "A". Said easement and the use of said easement by BEG and its employees, customers and invitees is subject to the following terms, conditions and restrictions:

A. Duties of EUBANK: EUBANK shall have the duty to maintain the designated parking area in a smooth and even condition, to remove all debris and keep the area in a neat, clean and orderly condition; to repair and replace, when necessary, such artificial lighting facilities as shall be reasonably required, to provide adequate striping and lines, to pay all real property taxes attributable to the parking area and to maintain general public liability and property damage insurance covering the designated area

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against claims of personal injuries, death, or property damage, such insurance liability protection to a limit not less than $100,000 for injury or death to one person, $300,000 per incident and $25,000 property damage.

B. Duties of BBG: To pay its proportionate share of the costs of premise liability and property damage insurance, lighting, maintenance, stripping, cleaning and taxes attributable to the land, exclusive of improvements in the proportional amount those spaces equal to the entire parking area in OLD CALIFORNIA.

C. Defaults and remedies:

i. In the event of a failure of performance by a party, the other party will not be in default under this agreement unless the party has been given a written notice specifying the nature of the default and allowing the party to cure it within a period of 30 days commencing on the date the notice of default was delivered. However, if the default is not capable of being cured within the specified time, the party shall be required to diligently proceed to complete the curing of the default. This exception does not excuses curing a default that can be cured. Said notice shall be personally delivered to the then owner of record or mailed by certified or registered mail, return receipt requested, to the address at which tax information is to be received.

ii. In the event of any violation or threat of violation of any party, successor or assign of the terms restrictions or covenants contained herein, either of the parties or their respective successors or assigns will have, in addition to the right to collect damages, the right to enjoin such violation or threaten violation or to cure the default and seek monetary damages from the other party. In addition to the aforementioned remedies, if BBG, its successors of assigns should fail to make the monetary payments due payable under this agreement, EUBANK it successors and assigns shall have the option to terminate the easement for designated parking in a court of competent jurisdiction.

D. In the event the City of San Marcos does not require BBG to provide 36 off-site parking spaces, whether designated or

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Requested By: Jennifer Fries , Printed: 11/20/2020 11:00 AM

undesignated, BBG and EUBANK, upon written request of BBG, agree to relinquish their rights and duties herein by execution of a recordable instrument revoking the duties under this paragraph. This may be a total or partial revocation dependent upon the requirements of the City of San Marcos.

3. **Agreement to Provide Sufficient Parking**: EUBANK is aware that the City of San Marcos has required that EUBANK provide additional parking spaces upon OLD CALIFORNIA, for the need of OLD CALIFORNIA, prior to the occupancy by BBG of the proposed restaurant. In consideration of the exchange between the parties, EUBANK agrees, that in addition to the parking elsewhere provided in this agreement and the parking BBG has agreed to provide on the RESTAURANT PROPERTY, EUBANK will provide sufficient parking on OLD CALIFORNIA to obtain approval of the proposed restaurant by the City of San Marcos and that said parking will be provided by EUBANK prior to the completion of construction of the proposed restaurant. In the event EUBANK shall fail to provide the required parking, BBG shall have the right to enter onto OLD CALIFORNIA to construct and install the required parking and EUBANK shall be responsible for and shall reimburse BBG to the extent of such costs incurred.

4. **Not Public Dedication**: Nothing contained herein will be deemed to be a gift or dedication of any portion of either of the properties involved herein for the general public or for any public purpose whatsoever.

5. **Attorneys Fees**: In the event any controversy, claim or dispute relating to this instrument or the breach thereof, the prevailing party shall be entitled to recover from the loosing party reasonable expenses, attorneys fees and costs.

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6. **Binding Effect**: This instrument shall be bound to the benefit of the respective heirs, personal representatives, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have executed this instrument the day and year first above-written.

DATED:

James Rollins Eubank — Vera Pauline Eubank

JAMES ROLLINS EUBANK, co-trustee UTD 12/22/86 FBO the Eubank Family Trust

VERA PAULINE EUBANK, co-trustee

DATED:

BBG PROPERTIES, a California general partnership

By: John D. Butler
JOHN D. BUTLER, general partner

By: Rex S. Butler
REX S. BUTLER, general partner

By: James Green
JAMES GREEN, general partner

STATE OF CALIFORNIA)
) ss.
COUNTY OF San Diego)

On October 11, 1989 before me, the undersigned a Notary Public in and for said state, personally appeared JAMES ROLLINS EUBANK and VERA PAULINE EUBANK, Co-Trustees UTD 12/22/86 FBO on the basis of satisfactory evidence to be the persons who executed the within instrument as trustees of the Eubank Family Trust and acknowledged to me that the trust executed it.

WITNESS my hand and official seal

Janice A. Cross

OFFICIAL SEAL
JANICE A. CROSS
Notary Public-California
SAN DIEGO COUNTY
My Comm. Exp. Dec. 6, 1991

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

On 10/4/89, before me, the undersigned a Notary Public in and for said state, personally appeared REX S. BUTLER and JAMES GREEN on the basis of satisfactory evidence to be the person who executed the within instrument as general partners on behalf of BBG PROPERTIES, a California general partnership the partnership therein named and acknowledged to me that the partnership executed it.

WITNESS my hand and official seal.

Joan E Backlin

OFFICIAL SEAL
JOAN E BACKLIN
NOTARY PUBLIC - CALIFORNIA
ORANGE COUNTY
My comm. expires DEC 10, 1990

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STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss

On this 4th day of October in the year 1989
before me, the undersigned, a Notary Public in and for said State, personally appeared
John D. Butler
personally known to me
(or proved to me on the basis of satisfactory evidence) to be the person whose name
is subscribed to the within instrument, and acknowledged to me that he
executed it

WITNESS my hand and official seal

Helen F. Burgess
Notary Public in and for said State

OFFICIAL SEAL
HELEN F. BURGESS
NOTARY PUBLIC—CALIFORNIA
NOTARY BOND FILED IN
LOS ANGELES COUNTY
My Commission Expires August 30 1991

ACKNOWLEDGMENT—General—Wolcotts Form 233CA (A—Rev 5-82
1982 WOLCOTTS INC (price class 8-2)

RECORDED IN OFFICIAL RECORDS OF SAN DIEGO COUNTY, CALIFORNIA
1990 JAN 26 8 AM
GREGORY J. SMITH, COUNTY RECORDER

Requested By: Jennifer Fries , Printed: 11/20/2020 11:00 AM
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Order: 151518

This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

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EASEMENT AGREEMENT
FILE NO. 90-050972 REC. JAN. 30, 1990

PARCEL A PER DOC
(ADJOINING PROPERTY)

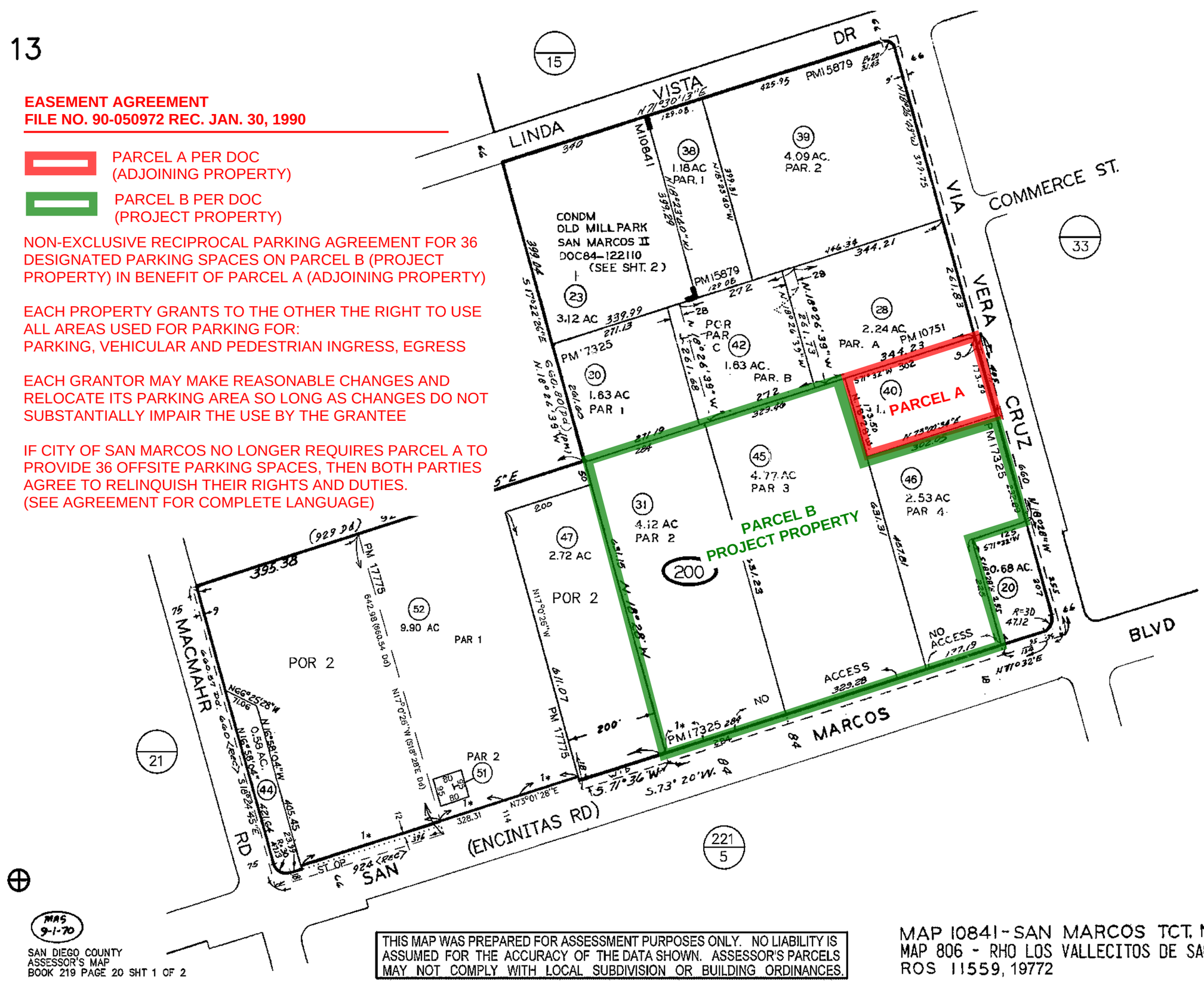
PARCEL B PER DOC
(PROJECT PROPERTY)

NON-EXCLUSIVE RECIPROCAL PARKING AGREEMENT FOR 36 DESIGNATED PARKING SPACES ON PARCEL B (PROJECT PROPERTY) IN BENEFIT OF PARCEL A (ADJOINING PROPERTY)

EACH PROPERTY GRANTS TO THE OTHER THE RIGHT TO USE ALL AREAS USED FOR PARKING FOR:
PARKING, VEHICULAR AND PEDESTRIAN INGRESS, EGRESS

EACH GRANTOR MAY MAKE REASONABLE CHANGES AND RELOCATE ITS PARKING AREA SO LONG AS CHANGES DO NOT SUBSTANTIALLY IMPAIR THE USE BY THE GRANTEE

IF CITY OF SAN MARCOS NO LONGER REQUIRES PARCEL A TO PROVIDE 36 OFFSITE PARKING SPACES, THEN BOTH PARTIES AGREE TO RELINQUISH THEIR RIGHTS AND DUTIES.
(SEE AGREEMENT FOR COMPLETE LANGUAGE)



219-20
SHT 1 OF 2

1"=200'

4/07/08 MGS ✓

CHANGES

BLK	OLD	NEW	YR	CUT
200	9	47&48	97	1304
	25&48	49	97	1439
	49	50&51	97	1631
	43&50	52	99	1032
	52	SAME& ST OP	06	4728

1* NO ACCESS

SAN DIEGO COUNTY
ASSESSOR'S MAP
BOOK 219 PAGE 20 SHT 1 OF 2

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559, 19772

RECORDED REQUEST OF [illegible]

DOC # 1996-0564623
07-NOV-1996 02:49 PM

RECORDING REQUESTED BY, AND
WHEN RECORDED, MAIL TO:

2174

OFFICIAL RECORDS
SAN DIEGO COUNTY RECORDER'S OFFICE
GREGORY SMITH, COUNTY RECORDER
RF: 43.00 FEES: 122.00
AF: 77.00
MF: 1.00
CF: 1.00

25

LAWRENCE H. DAVIDSON
300 Newport Center Drive
Newport Beach, CA 92658-9099
714-640-4603

112810-20

(Space Above for Recorder's Use)

DECLARATION OF RECIPROCAL EASEMENT AGREEMENTS

THIS DECLARATION OF RECIPROCAL EASEMENT AGREEMENTS ("REA") is made by **CCSS San Marcos, L.P., a California partnership ("CCSS"); John M. Siegel, an individual, Robert C. Siegel, an individual (hereinafter collectively "Siegels"; Ben Cipranic, an individual, David Cipranic, an individual (hereinafter "Cipranic"); James Rollins Eubank and Vera Pauline Eubank, Co-Trustees of that certain Revocable Trust Agreement, executed December 22, 1986, by James Rollins Eubank and Vera Pauline Eubank for the benefit of the Eubank Family (hereinafter "Eubank"); John Frank, an individual (hereinafter "Frank"), and Nancy Bretzfield, an individual (hereinafter "Bretzfield"); North County Bank, a State Bank (hereinafter "North County"); Old California Development Company (hereinafter "OCD"); and Edwards Theatres Circuit, Inc., a California corporation (hereinafter "Edwards")** (hereinafter sometimes collectively referred to as "Declarant"), with reference to the following facts:

RECITALS

A. Siegels now own in fee that certain real property located in the City of San Marcos, County of San Diego, State of California more particularly described on Exhibits "1-1" and "1-2" attached hereto, and fully incorporated herein by this reference as Parcel "A", and Siegels have, or concurrently with the close of the transaction more particularly described and contemplated in that certain Purchase and Sale Agreement and Escrow Instructions dated on or about August 11, 1995, as amended ("Agreement") shall, assign all right, title and interest in Parcel A to CCSS; and CCSS shall assume all obligations and duties under the Agreement and shall acquire the title to Parcel A that Siegels own(ed).

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B. Eubank now owns in fee that certain real property located in the City of San Marcos, County of San Diego, State of California, more particularly described on Exhibit "1-1" and "1-2" attached hereto, and fully incorporated herein by this reference, as Parcel "B", and commonly known as the Old California Restaurant Row.

C. Bretzfield and Frank now own in fee, as tenants in common, that certain real property located in the City of San Marcos, County of San Diego, State of California, more particularly described on Exhibit "1-1" and "1-2" attached hereto, and fully incorporated herein by this reference, as Parcel "C", and commonly known as the Courthouse.

D. OCD owns the OCD Leasehold leased interest under a lease recorded May 19, 1995, as file no. 1995-0211705 of the Official Records in that certain real property located in the City of San Marcos, County of San Diego, State of California, more particularly described on Exhibit "1-1" and "1-2" attached hereto, and fully incorporated herein by this reference as Leasehold Parcel "E". CCSS is in the process of acquiring that certain real property now part of parcel A located in the southwesterly corner of Parcel A and containing approximately 7500 square feet, more particularly described on Exhibit 1-1 attached hereto and designated as Parcel D.

E. North County now owns in fee that certain real property located in the City of San Marcos, County of San Diego, State of California, more particularly described on Exhibit "1-1" and "1-2" attached hereto, and fully incorporated herein by this reference, as Parcel "F".

F. Pursuant to the transaction contemplated under the Agreement, Edwards is about to become the owner in fee of Parcel A upon close of the escrow created by the Agreement, and in order to induce Edwards to enter the Agreement and to complete the transaction therein described, and for the mutual benefit of CCSS, Siegels, OCD, Cipranic, North County, Bretzfield, Frank, Eubank, and Edwards, Eubank desires to grant to Edwards, North County, Bretzfield, Frank, CCSS, Siegels, OCD, and Cipranic for the benefit of their respective parcels, now or hereafter owned on Parcels A, B, C, D, E and F, a non-exclusive right of way and easement for parking of automobiles, light trucks, recreation utility vehicles, and similar vehicles; and a non-exclusive right of way for ingress and egress by automobiles and pedestrians over, on, in and across all portions of Parcel B now and hereafter improved for pedestrian and vehicular ingress, egress and parking purposes.

G. Concurrently, CCSS, Siegels, OCD, Cipranic, North County, Bretzfield, Frank and Edwards desire to grant to Eubank, and each other for the benefit of each of their respective parcels of real

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property and for other consideration, now or hereafter owned on Parcels A, B, C, D, E and F, a non-exclusive right of way and easement for parking of automobile, light trucks, recreation utility vehicles, and similar vehicles; and a non-exclusive right of way for ingress and egress by vehicles and pedestrians over, on, in and across all portions of Parcel A, B, C, D, E and F now and hereafter improved for pedestrian and vehicular ingress, egress and parking purposes.

H. Prior to the date of this Declaration, Declarant has commenced to develop the Parcels A, B, C, D, E and F as a mixed use commercial center substantially in the manner shown on the site development plan attached hereto as Exhibit "2" (the "Site Plan" and hereinafter sometimes referred to as the "Center"). Declarant intends to continue to develop the Center; and, Declarant intends that the Center will be developed, improved, and operated in accordance with the relevant provisions of this Declaration. It is the purpose and intent of Declarant by way of this Declaration to subject each of the Parcels comprising the Center to the covenants, conditions, and restrictions hereinafter set forth and to establish the reciprocal easements for parking and ingress and egress hereinafter described, pursuant to a general plan of improvement for the Center for the mutual benefit of the present and future owners of any and all portions and interests in the Center and their respective heirs, executors, successors, assigns, grantees, mortgagees, and tenants.

NOW, THEREFORE, Declarant hereby declares as follows:

1. Definitions.

The following terms shall have the meanings set forth below, unless the context clearly indicates otherwise:

1.1 Building. The term "Building" shall mean each Building to be built upon a Parcel which, collectively, may house the shops, stores, and other businesses which shall hereafter operate upon the Center.

1.2 Common Area. "Common Area" shall mean all areas of Parcels A, B, C, D, E and F in the Center which are not improved from time to time by a Building or Buildings, and shall include, but not be limited to, common utility lines and systems, the Parking Areas, access roads, driveways, walkways, sidewalks, and landscaping.

1.3 Parking Area. "Parking Area" shall mean those portions of the Common Area in Parcels A, B, C, D, E and F and the Center used for (i) pedestrian and vehicular ingress to and egress from the Center from adjacent public streets, (ii) pedestrian and vehicular movement in and about the Center, and (iii) the areas

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depicted on the Site Plan for the parking of motor vehicles which now exist or may hereafter exist, together with all parking improvements to the Common Area which at any time are erected thereon, including interior roadways, pedestrian stairways, walkways, curbs and landscaping within or adjacent to such areas.

1.4 Owner. The term "Owner" shall mean and include the owners of a parcel as set forth in the above Recitals and shall mean and include individuals, partnerships, firms, associations, joint ventures, corporations, or any other legal entities, and trustees, heirs, executors, administrators, and other personal representatives.

1.5 Parcel. The term "Parcel" shall mean the Property or a separate legal lot or parcel within the Property or any possessory interest in any such parcel as shown on any recorded final map or map or any site plan or lease or rental agreement for any interest in the Property.

1.6 Permittees. "Permittees" shall mean all Persons from time to time entitled to the use and occupancy of any Building within the Center (or any portion thereof) under any lease, deed or other arrangement with an Owner and the respective officers, directors, employees, agents, contractors, customers, visitors, invitees, licensees and concessionaires of such Persons.

1.7 Person. "Person" shall mean and include individuals, partnerships, firms, associations, joint ventures, corporations, or any other legal entities, and trustees, heirs, executors, administrators, and other personal representatives.

2. Grant of Parking and Ingress and Egress by Eubank. Eubank hereby declares that each other Declarant, and the above recited Owners of a Parcel in the Center and its Permittees shall benefit from, and Declarant hereby reserves for the benefit of each other Declarant and above recited Owners of a Parcel in the Center and their respective Permittees, nonexclusive easements for ingress, egress, and access by and for vehicular and pedestrian traffic upon, over and across the Common Area and the Parking Area, and for vehicle parking upon, over, and across the Parking Area without fee or charge. No changes shall be made in the improvements in the Parking Area without the prior written approval of each Declarant; provided, however, this covenant shall not require Eubank, or any other owner, to obtain approval of each Declarant for changes to any building or improvement on the Parcel Eubank or any other owner owns or for changes in the Parking Area that do not diminish the number of parking spaces available for parking, below the minimum number of parking spaces required by the City of San Marcos for each parcel in the Center.

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3. Grant of Parking and Ingress and Egress Easement by CCSS, Siegels, North County, OCD and Cipranic. CCSS, Siegels, North County, OCD and Cipranic hereby declare that each other Declarant, and the above recited Owners of a Parcel in the Center and their respective Permittees shall benefit from, and Declarant hereby reserves for the benefit of each other Declarant and the above recited Owners of a Parcel in the Center and their Permittees, nonexclusive easements for ingress, egress, and access by and for vehicular and pedestrian traffic upon, over and across the Common Area and the Parking Area, and for vehicle parking upon, over, and across the Parking Area without fee or charge. No changes shall be made in the improvements in the Parking Area without the prior written approval of each Declarant; provided, however, this covenant shall not require CCSS, Siegels, North County, OCD and Cipranic to obtain approval of each Declarant for changes to any building or improvements on the Parcel they own or for changes in the Parking Area that do not diminish the number of parking spaces available for parking.

4. Grant of Parking and Ingress and Egress Easement by Bretzfield and Frank. Bretzfield and Frank hereby declare that each other Declarant, and the above recited Owners of a Parcel in the Center and their Permittees shall benefit from, and Declarant hereby reserves for the benefit of each other Declarant and the above recited Owners of Parcels in the Center and their Permittees, nonexclusive easements for ingress, egress, and access by and for vehicular and pedestrian traffic upon, over and across the Common Area and the Parking Area, and for vehicle parking upon, over, and across the Parking Area without fee or charge.

5. Grant of Parking and Ingress and Egress Easement by Edwards. Edwards hereby declares that each other Declarant, and the above recited Owners of a Parcel in the Center and their Permittees shall benefit from, and Declarant hereby reserves for the benefit of each other Declarant and the above recited Owners of a Parcel in the Center and their Permittees, nonexclusive easements for ingress, egress, and access by and for vehicular and pedestrian traffic upon, over and across the Common Area and the Parking Area, and for vehicle upon, over, and across the Parking Area without fee or charge. No changes shall be made in the improvements in the Parking Area without the prior written approval of each Declarant; provided, however, this covenant shall not require Edwards to obtain approval of each Declarant for changes to any building or improvement on the Parcel Edwards owns or for changes in the Parking Area that do not diminish the number of parking spaces available for parking.

6. Construction Easements. Each above recited Owner of a Parcel in the Center shall have for the benefit of its Parcel, or Parcels, and their Permittees, the nonexclusive easements for incidental encroachments upon the Common Area as a result of the

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use of ladders, scaffolding, store front barricades, and similar facilities resulting in temporary obstruction of portions of the Common Area. The portions of the Common Area may be utilized for (i) the ingress and egress of vehicles transporting construction materials, equipment, and persons employed in connection with any work provided for herein, and (ii) the temporary storage of materials and vehicles being utilized in connection with such construction, subject to all of the other terms in this Declaration; provided, however, any such temporary storage shall only be with the prior written permission of the owner on whose parcel any such materials and/or vehicles are to be stored.

7. Paragraph Omitted.

8. Unimpeded Access and Parking Over Parking and Common Areas. Except as may be reasonably and temporarily necessary in connection with construction, maintenance, or repair work as may be undertaken and performed in accordance with this Declaration, no walls, fences, or barriers of any sort or kind shall be constructed or maintained in the Center, which shall prevent or impair the use or exercise of any of the easements reserved herein, or the free access of Persons in and about the Center, including without limitation pedestrian and vehicular traffic between the Parcels in the Center. However, reasonable traffic controls to guide and control the orderly flow of traffic may be installed so long as access driveways to the Common Area are not closed or blocked, and the traffic circulation pattern of the Common Area, as shown on the Site Plan, is not materially and adversely affected; provided, however, each Owner may temporarily obstruct the use or exercise of any of the easements reserved herein for temporary fund-raising activities for a time period not to exceed forty eight (48) hours on any single event, and for no more than ten (10) days in any calendar year without the prior consent of each other Declarant.

9. Binding Effect; Covenants Running With Land. The covenants contained in this Declaration shall constitute covenants running with the land applicable to the Center; shall be binding upon, and shall inure to the benefit of, the Center and any portion thereof or interest therein; and shall be binding upon, and shall inure to the benefit of, Declarant, all Owners, and any Person having or acquiring any portion of the Center or any interest therein and their successive owners and assigns.

10. Mechanics' Liens. If an Owner (the "Responsible Owner") shall permit any mechanics' liens to be filed against another Owner's Parcel (an "Affected Owner"), the Responsible Owner shall either pay the same and have it discharged of record promptly, or take such action as may be required to reasonably and legally object to such lien and the placing of same against such Affected Owner's Parcel. In all events, the Responsible Owner shall cause the lien to be discharged prior to the entry of judgment for

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foreclosure of such lien. Upon request of an Affected Owner, the Responsible Owner shall furnish such security or indemnity to and for the benefit of such Affected Owner as may be required to permit a title endorsement or title policy to be issued relating to such Affected Owner's Parcel without showing thereon the effect of such lien.

11. Maintenance of Common Area and Parking Area, Insurance & Taxes.

11.1 Each Declarant, Owner and other Persons and Permittees now owning or hereafter owning any portion of any Parcel at the Center shall be solely responsible for the repair, maintenance, insuring and operations over, on, across and arising out of use of the Parcel such Declarant, Owner or other Person and Permittee owns or owned. Such obligation shall include, without limitation, that Eubank shall be solely responsible for repair and maintenance of Parcel B; that CCSS, Siegels, OCD and Cipranic shall be solely responsible for repair and maintenance of Parcels D and E, including without limitation, the Fee and Leasehold; that Edwards shall be solely responsible for repair and maintenance of Parcel A; that Bretzfield and Frank shall be solely responsible for repair and maintenance of Parcel C; and that North County shall be solely responsible for repair and maintenance of Parcel F. Each Declarant, above recited Owner of a Parcel in the Center, and other Person and Permittee, as applicable, shall pay, or cause to be paid, when due, all real estate taxes and assessments which may be levied, assessed, or charged by any public authority against such Owner's Parcel, the Improvements thereon, or any other part thereof, including any Common Area portion thereof. Each Declarant, Owner and other Person and Permittees shall in its reasonable discretion from and after the date of recordation of this Declaration, maintain standard form fire insurance with such extended coverage endorsements as are commonly written in California (with construction endorsements when appropriate, but excluding earthquake coverage), written by one or more insurance companies with a Best's rating of at least B, covering all Improvements in the Common Area, which insurance shall be in an amount not less than one hundred percent (100%) of the actual replacement cost thereof (excluding foundation and excavation costs). Without limiting the generality of the foregoing, each Declarant, Owner and other Person shall from and after commencement of construction on such Owner's Parcel, maintain, at its sole costs and expense, comprehensive general public liability insurance written by one or more insurance companies with a Best's rating of at least B, insuring against (i) liability for such Owner's construction activities and business operations in the Center, and (ii) any and all activities within or upon any said Owner's Building or Common Area or Parking Area. This covenant may be satisfied by naming the other above recited Owners of a Parcel in the Center as additional insureds. Proof of such insurance shall

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be delivered to any parcel owner in the Center upon reasonable notice and request by any other such owner.

11.2 Each Declarant, Owner, and other Person and Permittee, as applicable, shall perform the maintenance and repair obligations herein in conformance with standards comparable to other retail real estate developments of comparable size and use in the geographical region where the Parcels A, B, C, D, E and F are located.

12. Effectiveness & Duration. In the event that the Owner of Parcel A begins to develop a theatre on Parcel A, this REA shall become automatically effective (the "Effective Date of the REA"); provided, however, that this REA shall not be effective or encumber any Parcel of the Center until commencement of development of a theatre on Parcel A. If a theatre is developed on Parcel A, this Declaration and each term, easement, covenant, restriction and undertaking contained herein will remain in effect for a term of ninety-nine (99) years from the date of recordation hereof, unless extended or earlier terminated with the unanimous consent of all then parcel owners in the Center before the end of the 99 year base term hereof.

13. Severability. If any clause, sentence, or other portion of this Declaration shall become illegal, null, or void for any reason, or shall be held by any court of competent jurisdiction to be so, the remaining portions thereof shall remain in full force and effect.

14. Attorneys' Fees; Court Costs. If any action or proceeding is instituted to enforce or interpret any of the provisions of this Declaration or for damages on account of the breach of this Declaration, the prevailing party in any such action or proceeding shall be entitled to recover from the other party its reasonable attorneys' fees and costs and expenses of litigation incurred in such action or proceeding.

15. Force Majeure. If any Declarant, Owner or any other Person shall be delayed or hindered in or prevented from the performance of any act required to be performed by such Person under this Declaration by reason of Acts of God, strikes, lockouts, unavailability of materials, failure of power, prohibitive governmental laws or regulations, government action or inaction, litigation, land use entitlement issues, riots, insurrections, adverse weather conditions preventing the performance of work as certified to by the licensed architect, engineer, or other individual overseeing the performance of the relevant work, war or other reason beyond such party's control, then the time for performance of such act shall be extended for a period equal to the period of such delay. Lack of adequate funds or financial

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inability to perform shall not be deemed to be a cause beyond the control of such party.

16. Effect of Declaration; Binding Covenants; Equitable Servitudes. Except as otherwise expressly provided herein, no rights or privileges conferred upon Owners by this Declaration shall inure to the benefit of any Permittee or other Person who is not an Owner, nor shall any non-Owner be deemed to be a third party beneficiary of any of the provisions contained herein. Each and all of the restrictions, covenants, and easements of this Declaration (i) shall constitute equitable servitudes which shall apply to and be binding on the Owners and all Persons having or hereafter acquiring any interest in any portion of the Center and each and all of their respective successors, assigns, Mortgagees, and Permittees; and (ii) are imposed pursuant to a general plan for the improvement and use of the Center and are designed for the mutual benefit of the Owners and the Declarant.

17. Recordation. Subject to Paragraph 12, above, this Declaration shall be recorded in the Office of the County Recorder of the County in which the Center is located and shall be effective upon such recordation.

18. No Public Dedication. Nothing herein contained shall be deemed to be dedication of any portion of the Center to the general public or for the general public or for any public purpose. It is the intention of Declarants that the use of the Center be limited to and for the purposes herein expressed always under the ownership and control of the Owners. The right of the public to make use of the Center is by permission, and subject to control, of the Owners. Each Declarant may take reasonable steps, as necessary to prevent a prescriptive easement from arising by reason of continued public use, provided that any such restriction shall be continued only for such duration as is required under applicable law to prevent the creation of any such prescriptive easement.

This Declaration may be executed in counterparts and is executed and dated June 27th, 1996 for identification purposes only and shall be effective upon recordation in Official Records of San Diego County, California.

"Declarant"

"CCSS"
CCSS, a California partnership

By: _____
general partner

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"SEIGELS"

JOHN M. SIEGEL, an individual

By: John M. Siegel
John M. Siegel

ROBERT C. SIEGEL, an individual

By: Robert C. Siegel
Robert C. Siegel

"CIPRANIC"

BEN CIPRANIC, an individual

By:
BEN CIPRANIC

DAVID CIPRANIC, an individual

By: David Cipranic
DAVID CIPRANIC

"EUBANK"

EUBANK FAMILY TRUST, dated December 22, 1986

By: James Rollins Eubank
James Rollins Eubank,
Co-Trustee

JAMES ROLLINS EUBANK, an individual

By: James Rollins Eubank
JAMES ROLLINS EUBANK

[Signatures to this Declaration of Reciprocal Easement Agreements for Old California Development Co., Edwards Theatres Circuit, Inc. Bretzfield and Frank, and North County continue on the following page and fully incorporated by this reference.]

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By: Vera Pauline Eubank
Vera Pauline Eubank,
Co-Trustee

VERA PAULINE EUBANK,
an individual

By: Vera Pauline Eubank
VERA PAULINE EUBANK

"Edwards"

EDWARDS THEATRES CIRCUIT, INC., a California corporation

By: Lawrence Davidson
Lawrence H. Davidson
its Executive Vice President

"OCD"

OLD CALIFORNIA DEVELOPMENT COMPANY

By: Ben Cipranic
Ben Cipranic

"North County"

NORTH COUNTY BANK, a State Bank

By: ~~James M. Gregg~~
~~its Chief Executive Officer~~
Rooney D. Jones
President

"Bretzfield"

NANCY BRETZFIELD,
an individual

By: Nancy Bretzfield
NANCY BRETZFIELD

"Frank"

JOHN FRANK,
an individual

By: _____
JOHN FRANK

[End of Signatures to this Declaration of Reciprocal Easement Agreements.]

decrecagmnt
September 11, 1996

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Doc: 1996-564623 REC ALL

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On October 4, 19 96 before me, the undersigned, a Notary Public in and for said State, personally appeared Robert C. Siegel and John M. Siegel, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

E. W. Hamblen
Notary Public in and for said State

(SEAL)

Amy E. W. Hamblen
Comm. #1011052
NOTARY PUBLIC CALIFORNIA
SAN DIEGO COUNTY
Comm. Expires Dec. 12, 1997

85860829.LHD 8/29/96

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Doc: 1996-564623 REC ALL

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On 9-26, 1996 before me, the undersigned, a Notary Public in and for said State, personally appeared LAWRENCE H. DAVIDSON ~~and~~ _____, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public in and for said State

(SEAL)

KERRY E FENNELL
COMM. # 1003367
Notary Public — California
ORANGE COUNTY
My Comm. Expires SEP 1, 1997

85860829.LHD 8/29/96

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Doc: 1996-564623 REC ALL

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On October 02, 1996 before me, the undersigned, a Notary Public in and for said State, personally appeared Nancy Bretfield and John Frank, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

DAN DENCKER
COMM. # 1087807
Notary Public California
ORANGE COUNTY
My Commission Exp. 6/3/98

Notary Public in and for said State

(SEAL)

85860829.LHD 8/29/96

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STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On October 4, 1996 before me, the undersigned, a Notary Public in and for said State, personally appeared Ben Ciprani c and _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that ~~they~~ he executed the same in ~~their~~ his authorized capacities, and that by ~~their~~ his signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Laura Ann Warwick
Notary Public in and for said State

(SEAL)

LAURA ANN WARWICK
Commission #1059297
Notary Public — California
San Diego County
My Comm. Expires Oct 6, 1999

85860829.LHD 8/29/96

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Doc: 1996-564623 REC ALL

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On October 4, 1996 before me, the undersigned, a Notary Public in and for said State, personally appeared James Rollins Eubank and Vera Pauline Eubank personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Laura Ann Warwick
Notary Public in and for said State

(SEAL)

LAURA ANN WARWICK
Commission # 1059297
Notary Public — California
San Diego County
My Comm. Expires Oct 6, 1999

85860829.LHD 8/29/96

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Doc: 1996-564623 REC ALL

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On 10/4/96, 19__, before me, the undersigned, a Notary Public in and for said State, personally appeared David Cipranic and _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names ~~are~~ is subscribed to the within instrument and acknowledged to me that ~~they~~ he executed the same in ~~their~~ his authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Janet Lee Penfield
Notary Public in and for said State

(SEAL)

JANET LEE PENFIELD
COMM. #1028138
NOTARY PUBLIC-CALIFORNIA
SAN DIEGO COUNTY
My Commission Expires
JUNE 13, 1998

85860829.LHD 8/29/96

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Doc: 1996-564623 REC ALL

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN DIEGO)

On October 4, 1996 before me, the undersigned, a Notary Public in and for said State, personally appeared Rodney D. Jones ~~and~~ _____, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

Laura Ann Warwick
Notary Public in and for said State

(SEAL)

LAURA ANN WARWICK
Commission #1059297
Notary Public — California
San Diego County
My Comm. Expires Oct 6, 1999

85860829.LHD 8/29/96

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Doc: 1996-564623 REC ALL

PARCEL A: (EDWARDS)

THAT PORTION OF LOT 2 IN BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895, DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST NORTHERLY CORNER OF SAID LOT 2; THENCE ALONG THE NORTHEASTERLY LINE OF SAID LOT 2, SOUTH 17°00'22"EAST 50.00 FEET; THENCE PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT 2, SOUTH 73°00'06" WEST 200.00 FEET; THENCE PARALLEL WITH THE NORTHEASTERLY LINE OF SAID LOT 2, SOUTH 17°00'22"WEST 611.07 FEET TO A POINT ON THE SOUTHEASTERLY LINE OF SAID LOT 2, THENCE ALONG SAID SOUTHEASTERLY LINE, SOUTH 73°01'28" WEST 328.31 FEET; THENCE PARALLEL WITH THE NORTHEASTERLY LINE OF SAID LOT 2, NORTH 17°00'22" WEST 660.94 FEET TO A POINT ON THE NORTHWESTERLY LINE OF SAID LOT 2; THENCE ALONG SAID NORTHWESTERLY LINE, NORTH 73°00'06" EAST 528.31 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM, THE INTEREST OF THE CITY OF SAN MARCOS ACQUIRED UNDER DEED RECORDED MARCH 4, 1985 AS FILE NO. 85-071264 OF OFFICIAL RECORDS.

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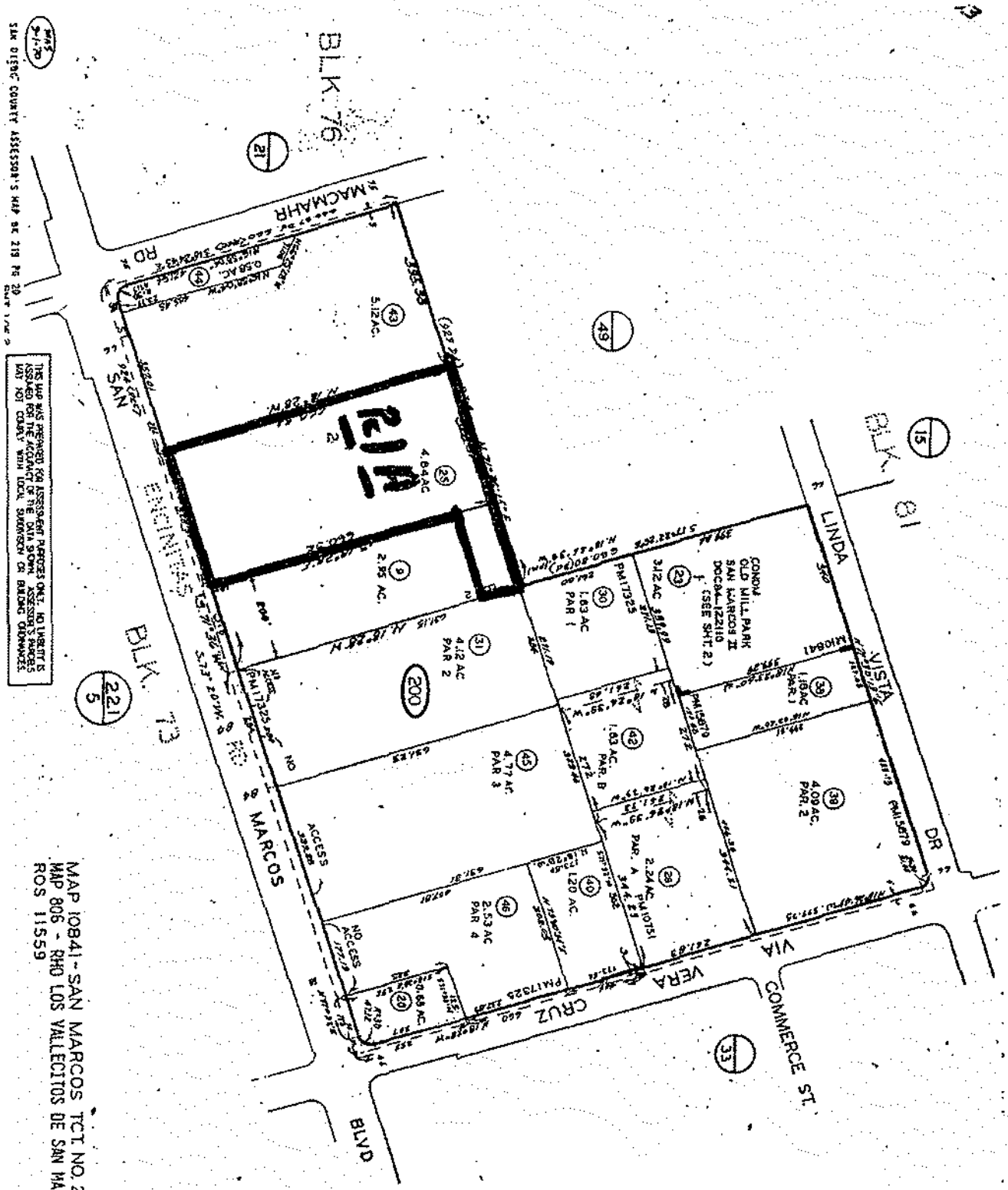

MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559

MAY 19 1994

219-20
SHT. 1 OF 2

Exhibit 1
2 of 18
(Parcel A)

Order: 00001121310 TOF: 0020 SD Bk-Pg 219 - 20 Sht 1 of 2 RALPH

2194

EXHIBIT "_____"

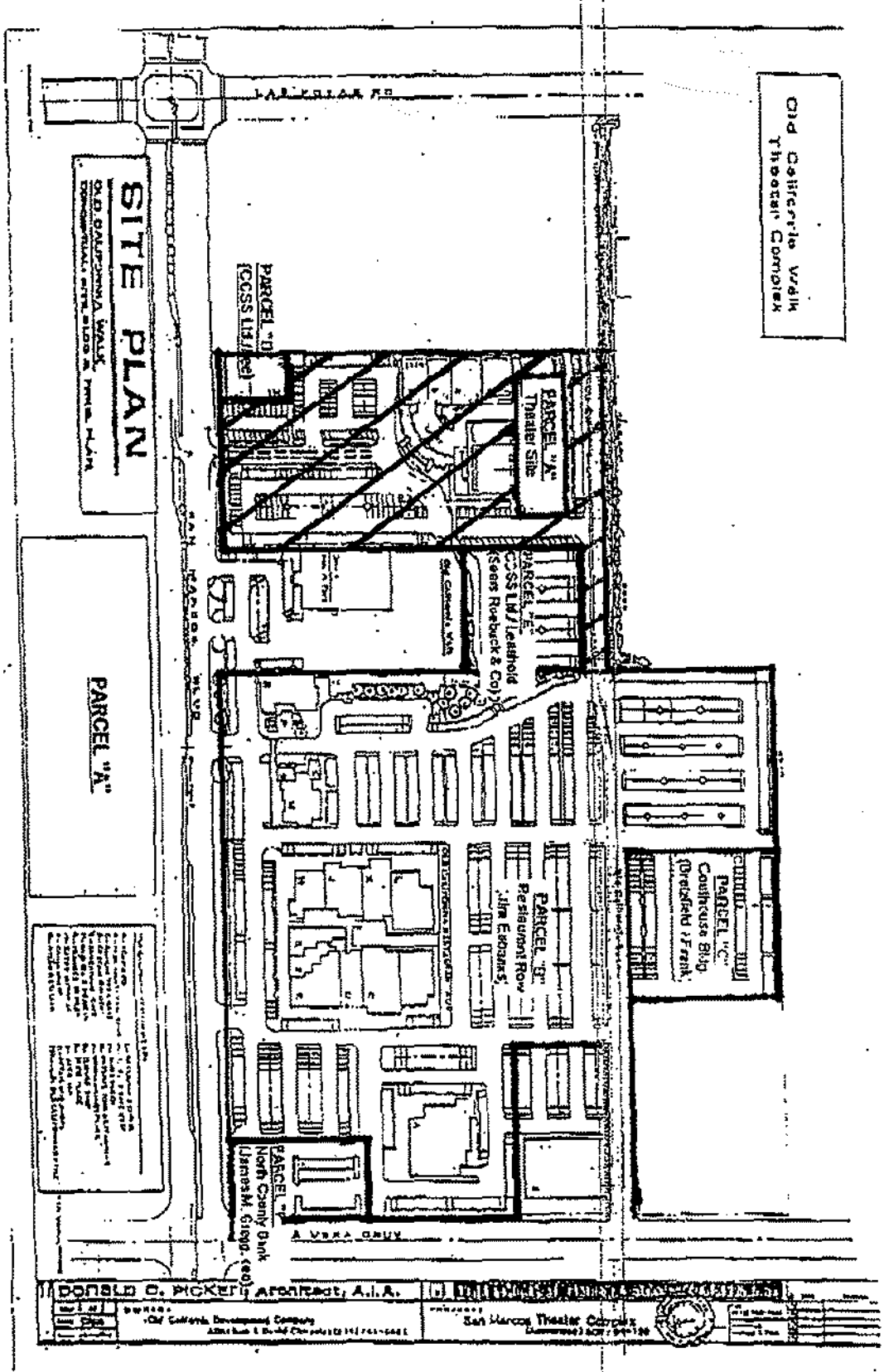

Exhibit 1
3 of 18
(Parcel A)

PARCEL B: (EUBANKS)

PARCELS 1, 2, 3 AND 4 OF PARCEL MAP NO. 17325 IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA RECORDED IN THE OFFICE OF THE COUNTY RECORDER ON FEBRUARY 28, 1994 AS FILE NO. 1994-0133864 OF OFFICIAL RECORDS.

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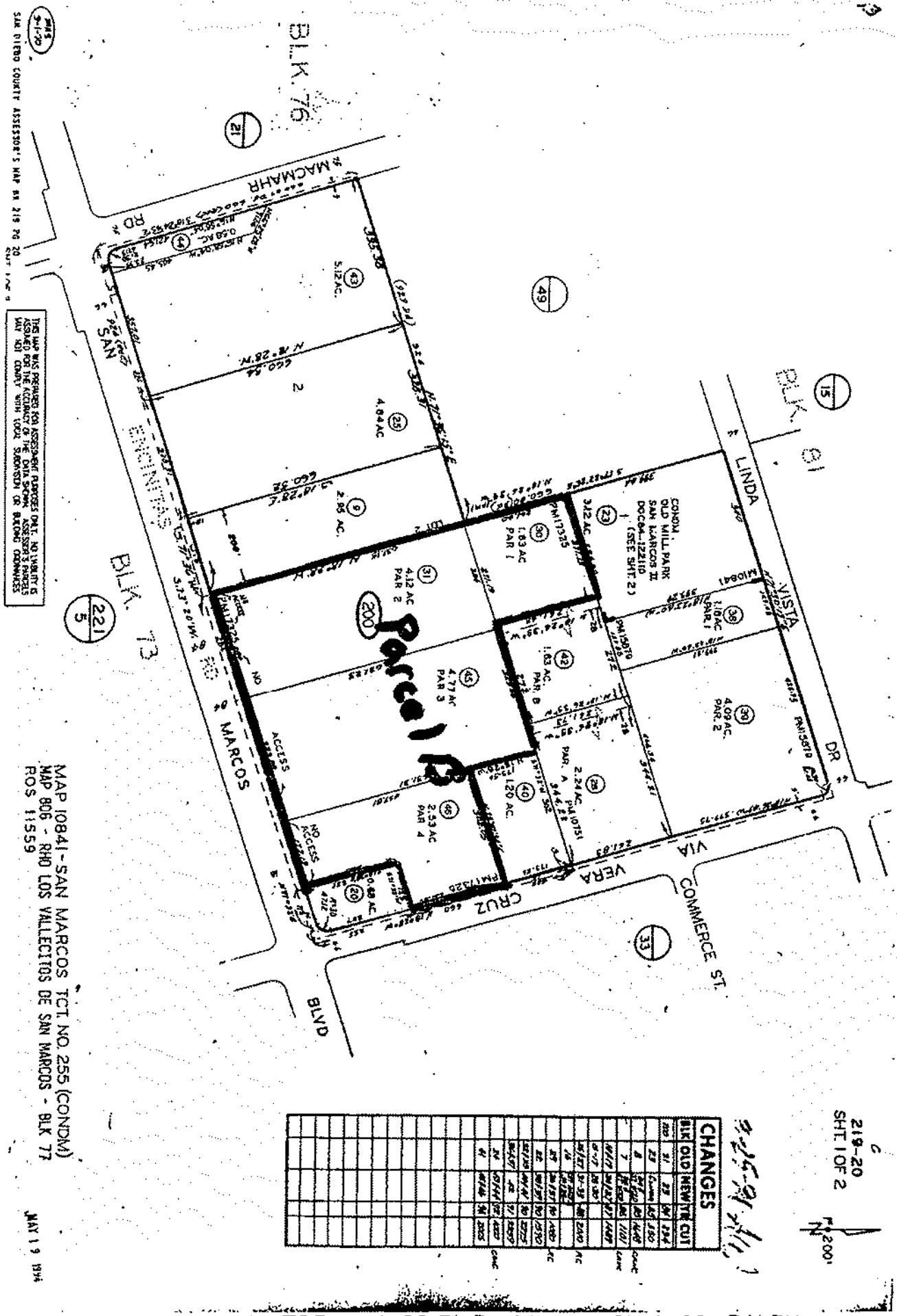

Exhibit 1
5 of 18
(Parcel B)

Order: 00001121310 TOF: 0020 SD Bk-Pg 219 - 20 Sht 1 of 2 RALPH

EXHIBIT "_____"

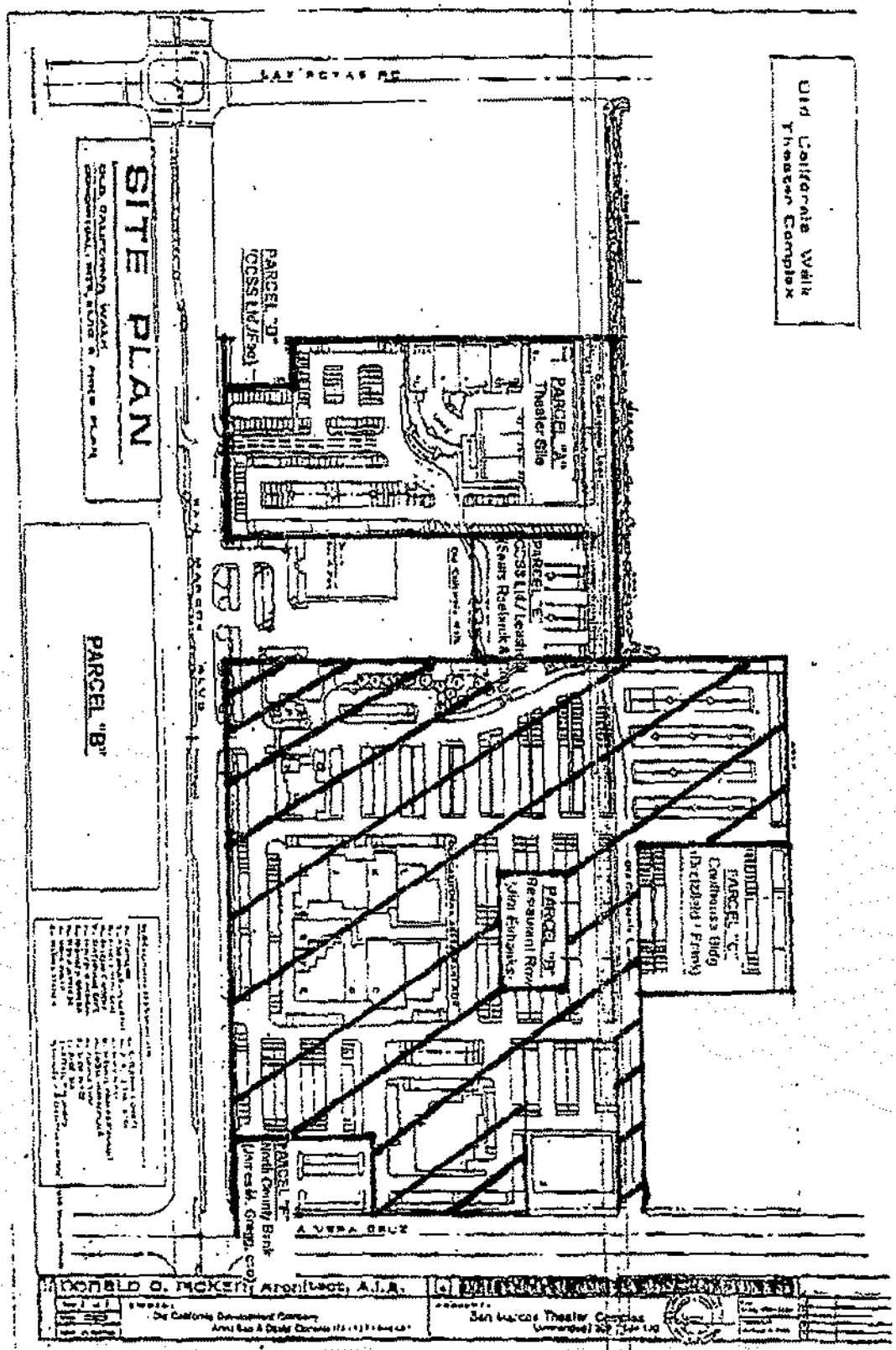

Exhibit 1
6 of 18
(Parcel B)

Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM

Order: 140810
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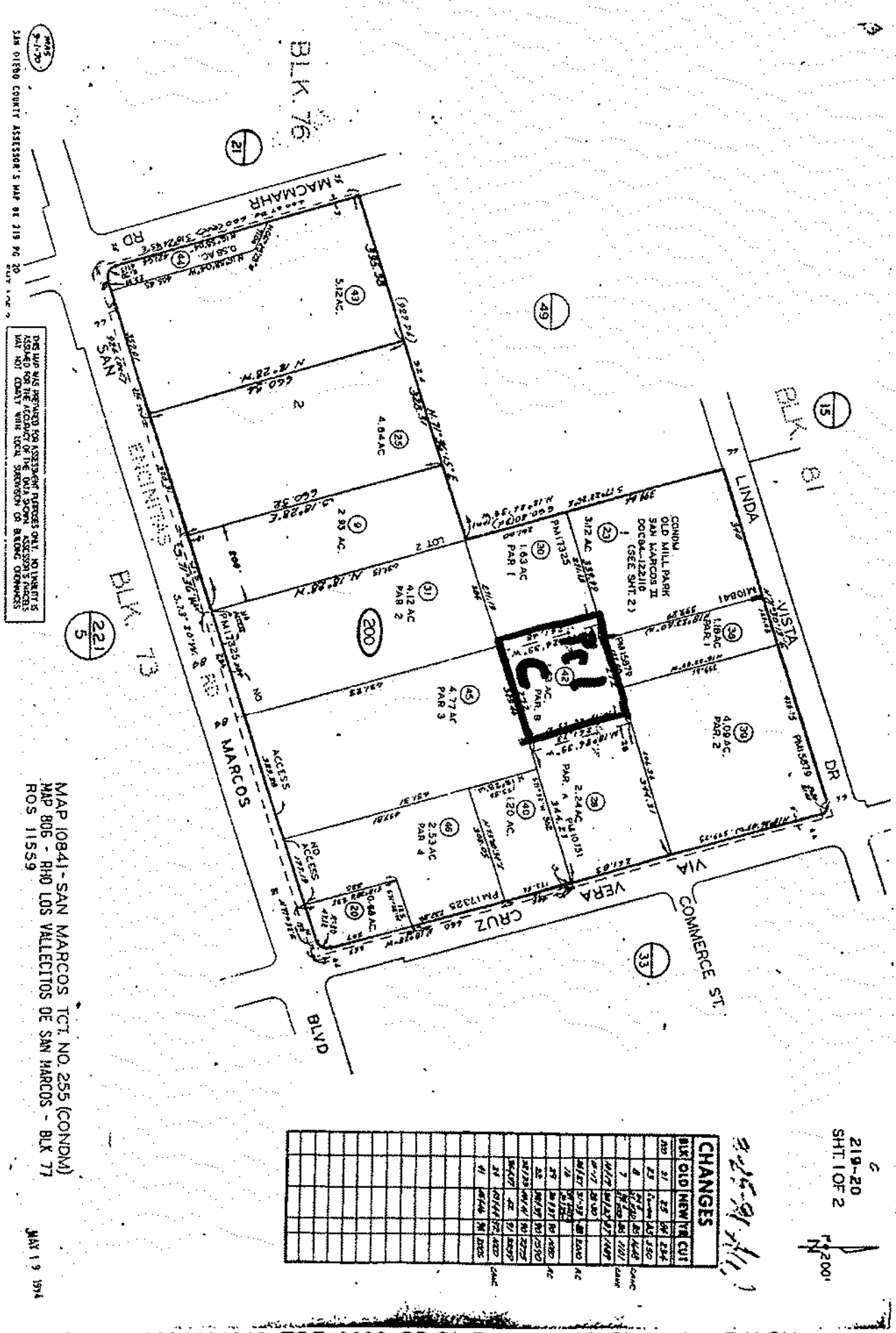
PARCEL C: (COURT HOUSE; BRETZFIELD - FRANK)

THE EASTERLY 28.00 FEET OF PARCEL "C" AND ALL OF PARCEL "B" OF PARCEL MAP NO. 10751, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 2, 1980, AS FILE NO. 80-405416 OF OFFICIAL RECORDS.

EXCEPTING THEREFROM THE EASTERLY 28.00 FEET OF PARCEL "B".

Exhibit 1
7 of 18
(Parcel C)



MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559

MAY 19 1994

Order: 00001121310 TOF: 0020 SD Bk-Pg 219 - 20 Sht 1 of 2 RALPH

EXHIBIT "_____"

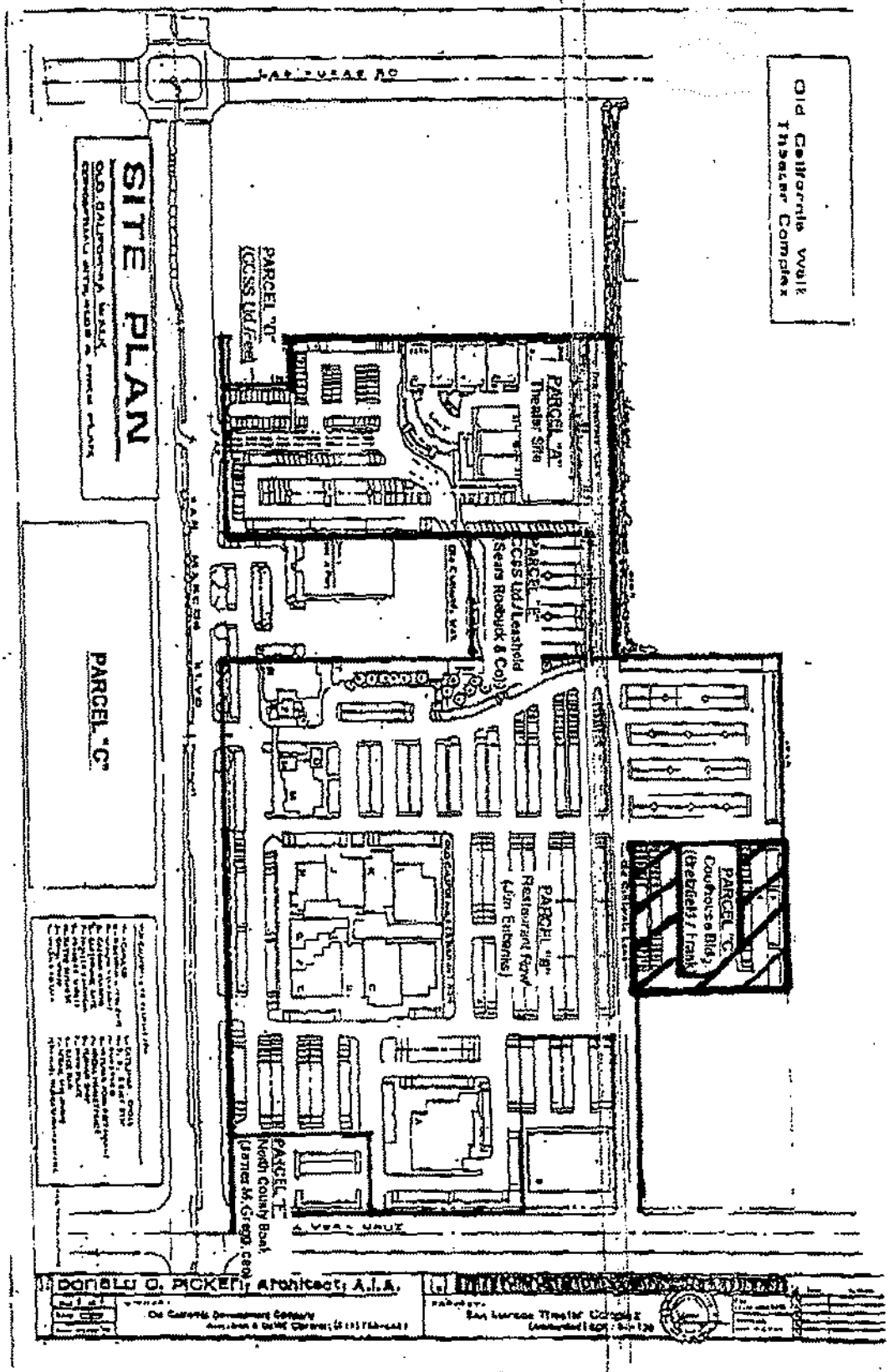


Exhibit 1
9 of 18
(Parcel C)

Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
- Order: 140810
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PARCEL D: (CCSS PAD)

THAT PORTION OF LOT 2, BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895, DESCRIBED AS FOLLOWS:

THE NORTHERLY 95.00 FEET OF THE SOUTHERLY 135.00 FEET OF THE WESTERLY 80 FEET OF THE EASTERLY 522.31 FEET.

NOTE: THIS PARCEL IS SHOWN AS PARCEL 2 OF TENTATIVE PARCEL MAP NO. 526.

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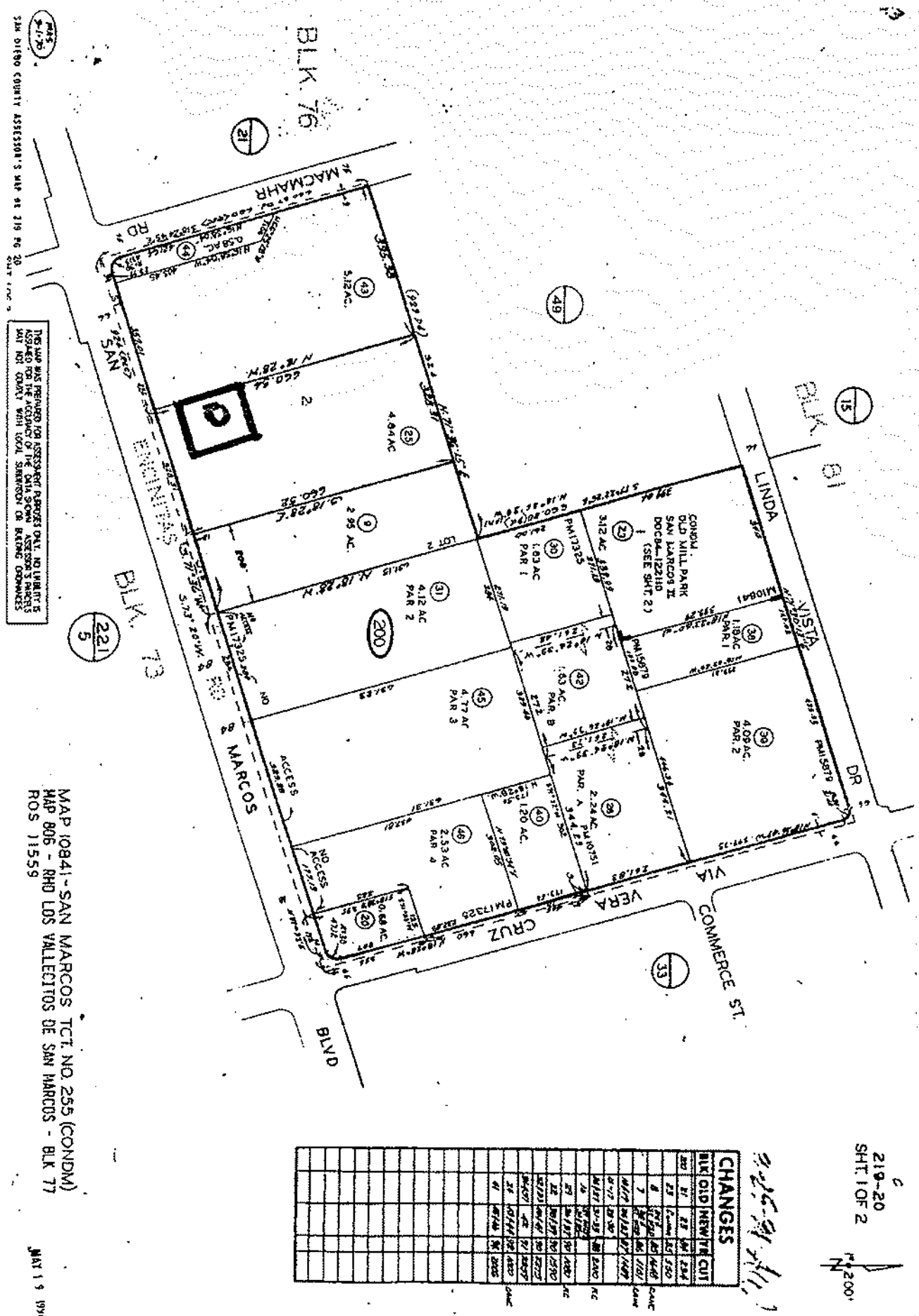
Doc: 1996-564623 REC ALL



MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559

MAY 19 1994

Exhibit 1
11 of 18
(Parcel D)

Order: 00001121310 TOF: 0020 SD Bk-Pg 219 - 20 Sht 1 of 2 RALPH

EXHIBIT "_____"

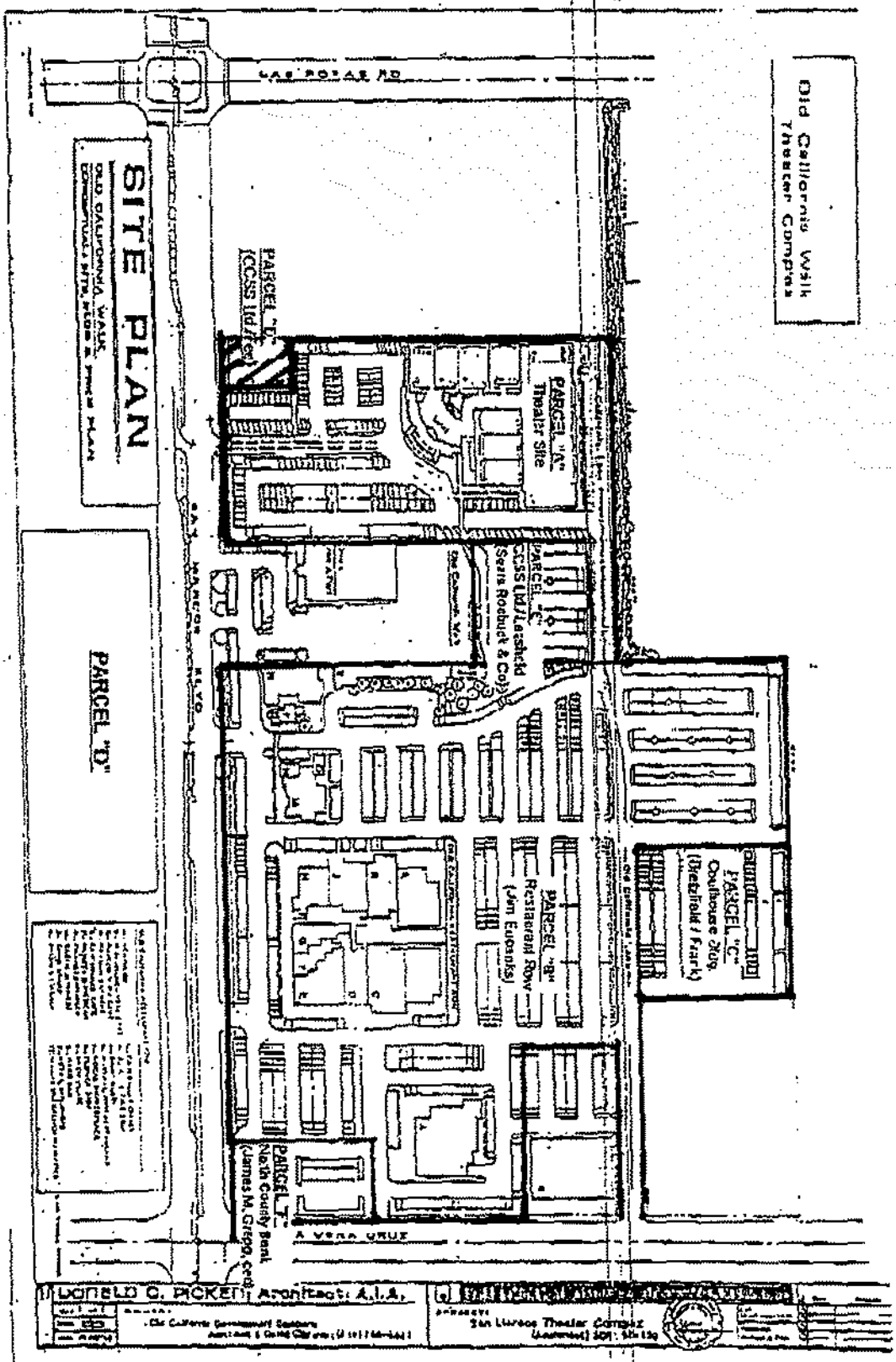


Exhibit 1
12 of 18
(Parcel D)

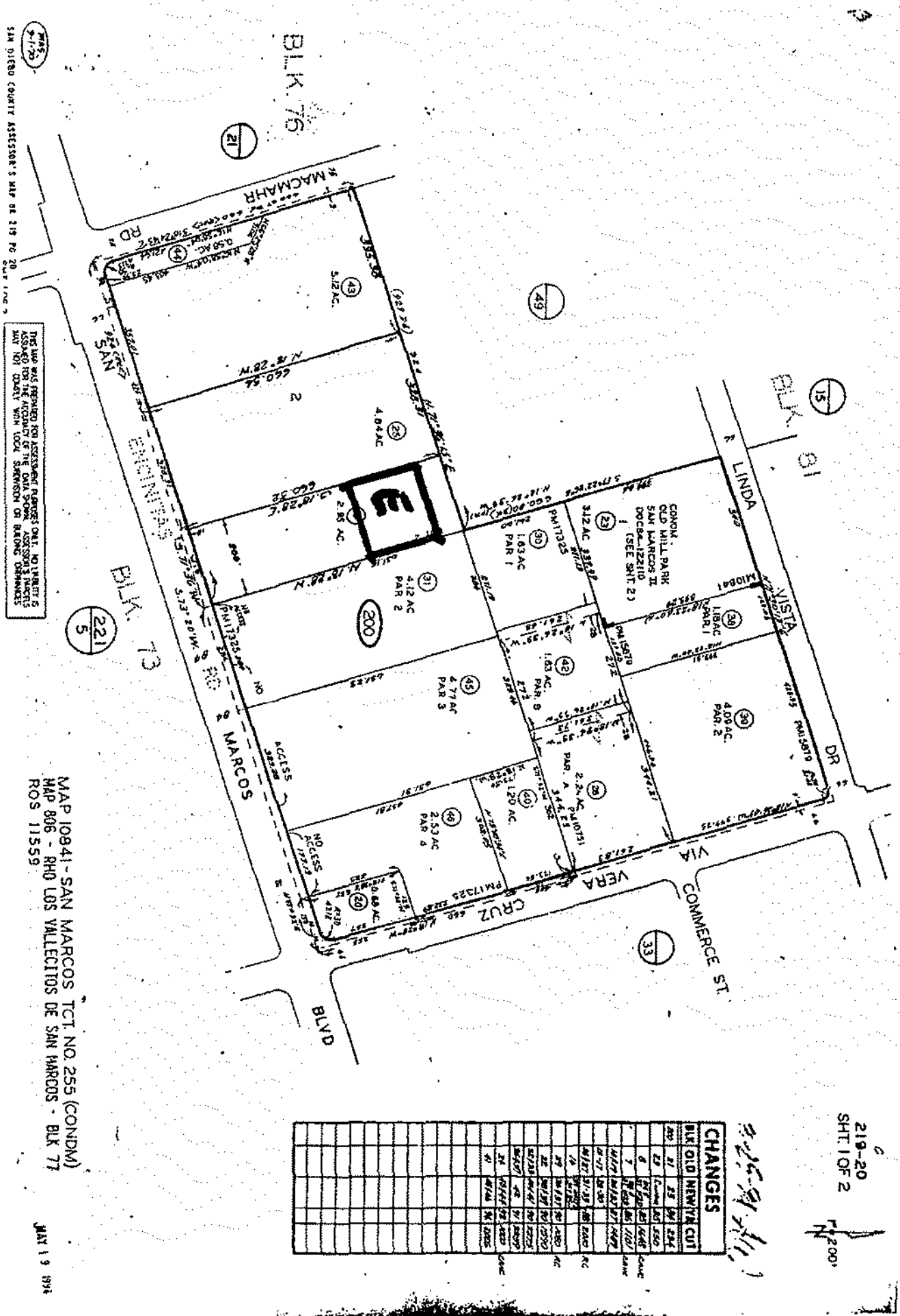
Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
Order: 140810
Doc: 1996-564623 REC ALL

PARCEL E: (OLD CALIFORNIA LEASEHOLD)

THE SOUTHERLY 164 FEET OF THE NORTHERLY 214 FEET OF THE EASTERLY 200 FEET OF LOT 2 IN BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895.

Exhbit 1
13 of 18
(Parcel E)

2205



MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559

MAY 19 1994

219-20
SHT. 1 OF 2

Exhibit 1
14 of 18
(Parcel E)

Order: 00001121310 TOF: 0020 SD Bk-Pg 219 - 20 Sht 1 of 2 RALPH

2206

EXHIBIT "_____"

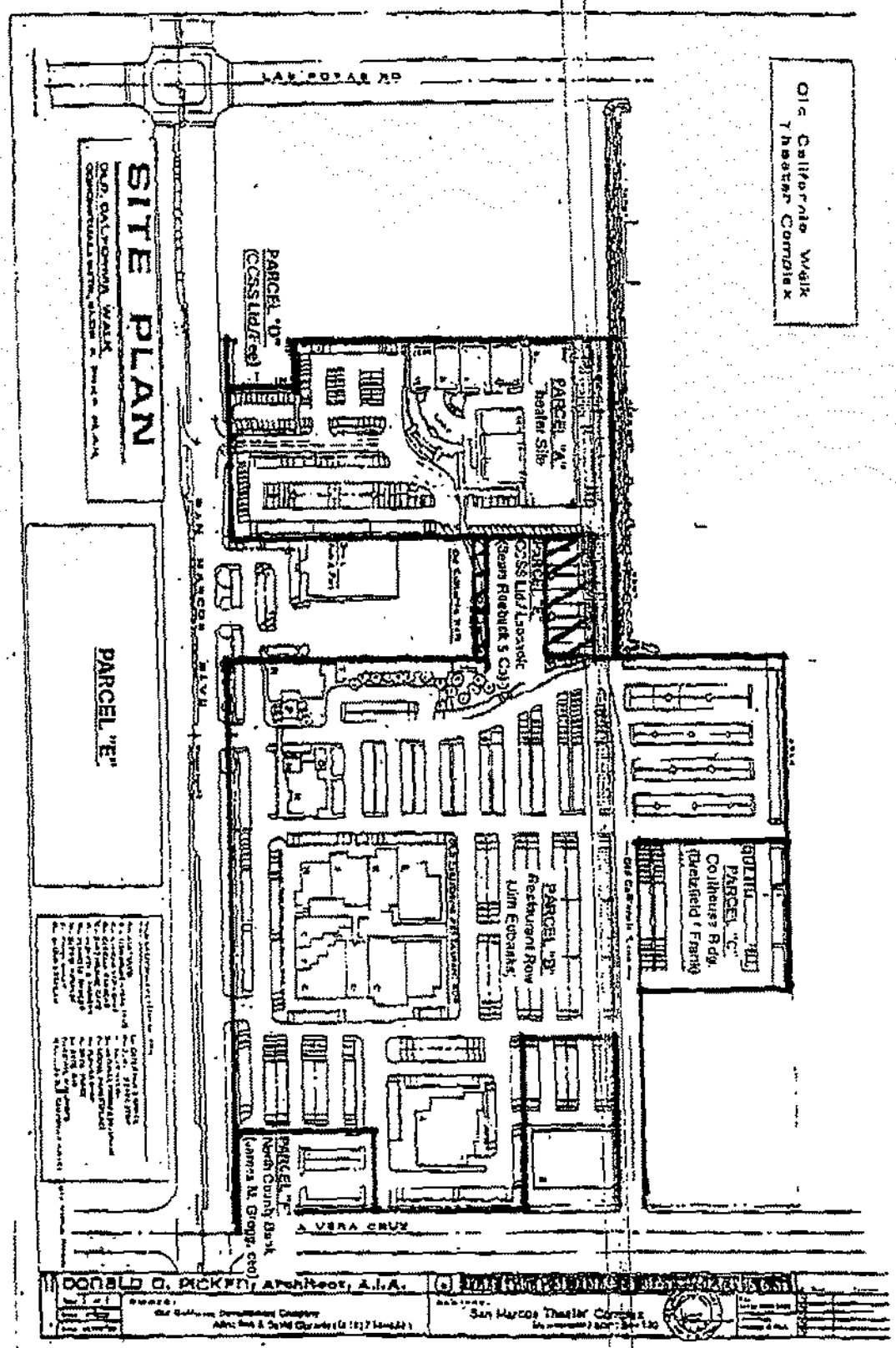


Exhibit 1
15 of 18
(Parcel E)

Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM

Order: 140810
Doc: 1996-564623 REC ALL

PARCEL F: (NORTH COUNTY BANK)

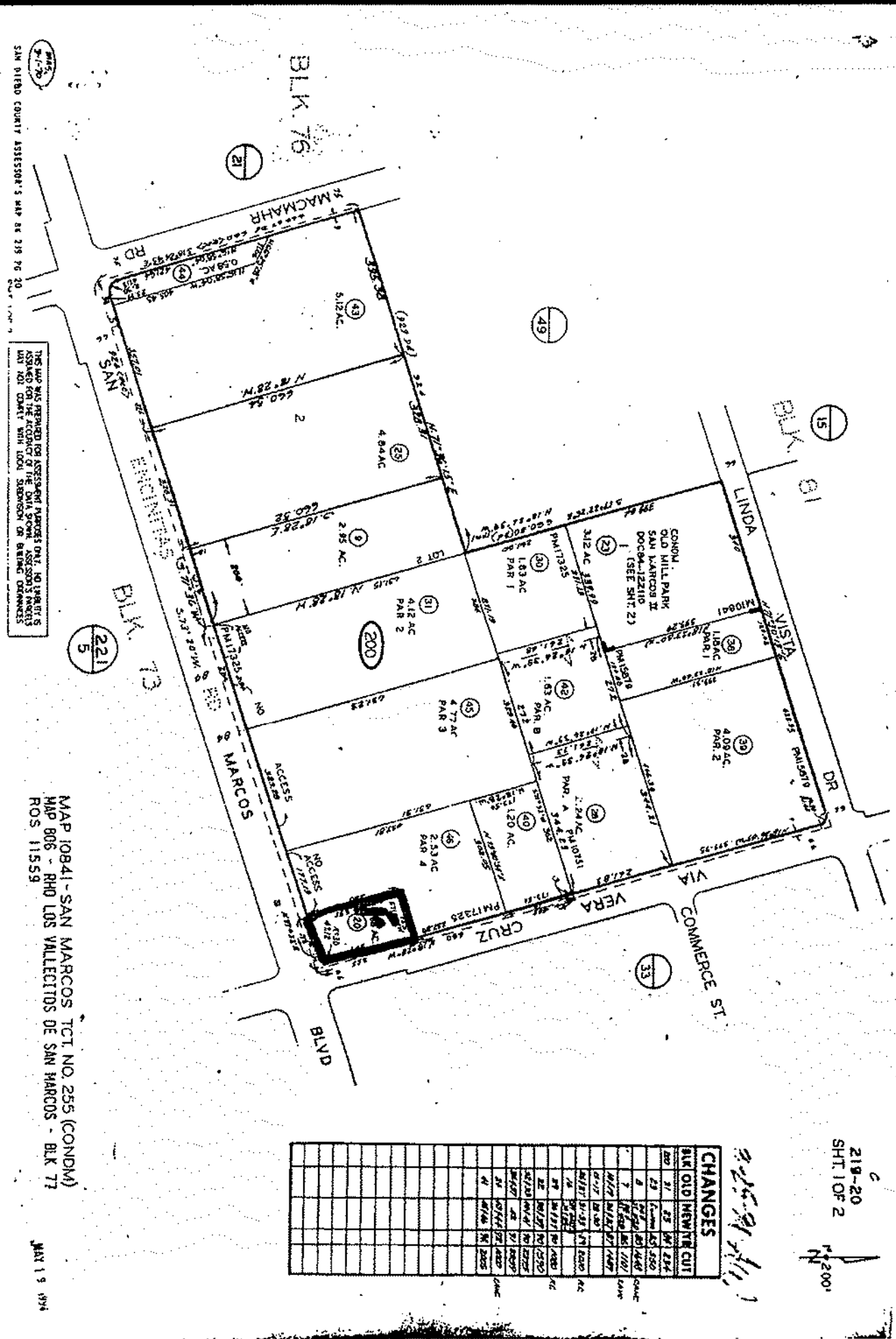
ALL THAT PORTION OF LOT 1 BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEASTERLY CORNER OF SAID LOT ONE; THENCE NORTH 18°28'WEST ALONG THE EASTERLY LINE OF SAID LOT ONE, 255.00 FEET; THENCE SOUTH 71°32' WEST, 9.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING SOUTH 71°32' WEST 125.00 FEET TO A POINT OF INTERSECTION WITH A LINE PARALLEL TO AND 134.00 FEET WESTERLY OF SAID EASTERLY LINE; THENCE ALONG SAID PARALLEL LINE, SOUTH 18°28' EAST, 255.00 FEET TO A POINT OF INTERSECTION WITH THE SOUTHERLY LINE OF SAID LOT ONE; THENCE NORTH 71°32'EAST ALONG SAID SOUTHERLY LINE, 95.00 FEET TO A POINT LYING SOUTH 71°32' WEST, 39.00 FEET FROM THE SOUTHEASTERLY CORNER OF SAID LOT 1; THENCE NORTH 18°28' WEST 18.00 FEET TO A POINT ON A 30.00 FOOT RADIUS CURVE CONCAVE NORTHWESTERLY THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 90°00' A DISTANCE OF 47.12 FEET; THENCE NORTH 18°28' WEST, 207 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPTING THEREFROM THE SOUTHERLY 18.00 FEET OF THE WESTERLY 95.00 FEET THEREOF AS DESCRIBED IN DEED TO THE CITY OF SAN MARCOS RECORDED SEPTEMBER 30, 1977 AS FILE NO. 77-403780 OF OFFICIAL RECORDS.

Exhibit 1
16 of 18
(Parcel F)

2208



MAP 10841 - SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559

MAY 19 1994

219-20
SHT. 1 OF 2

Exhibit 1
17 of 18
(Parcel F)

Order: 00001121310 TOF: 0020 SD Bk-Pg 219 - 20 Sht 1 of 2 RALPH

EXHIBIT "_____"

2209

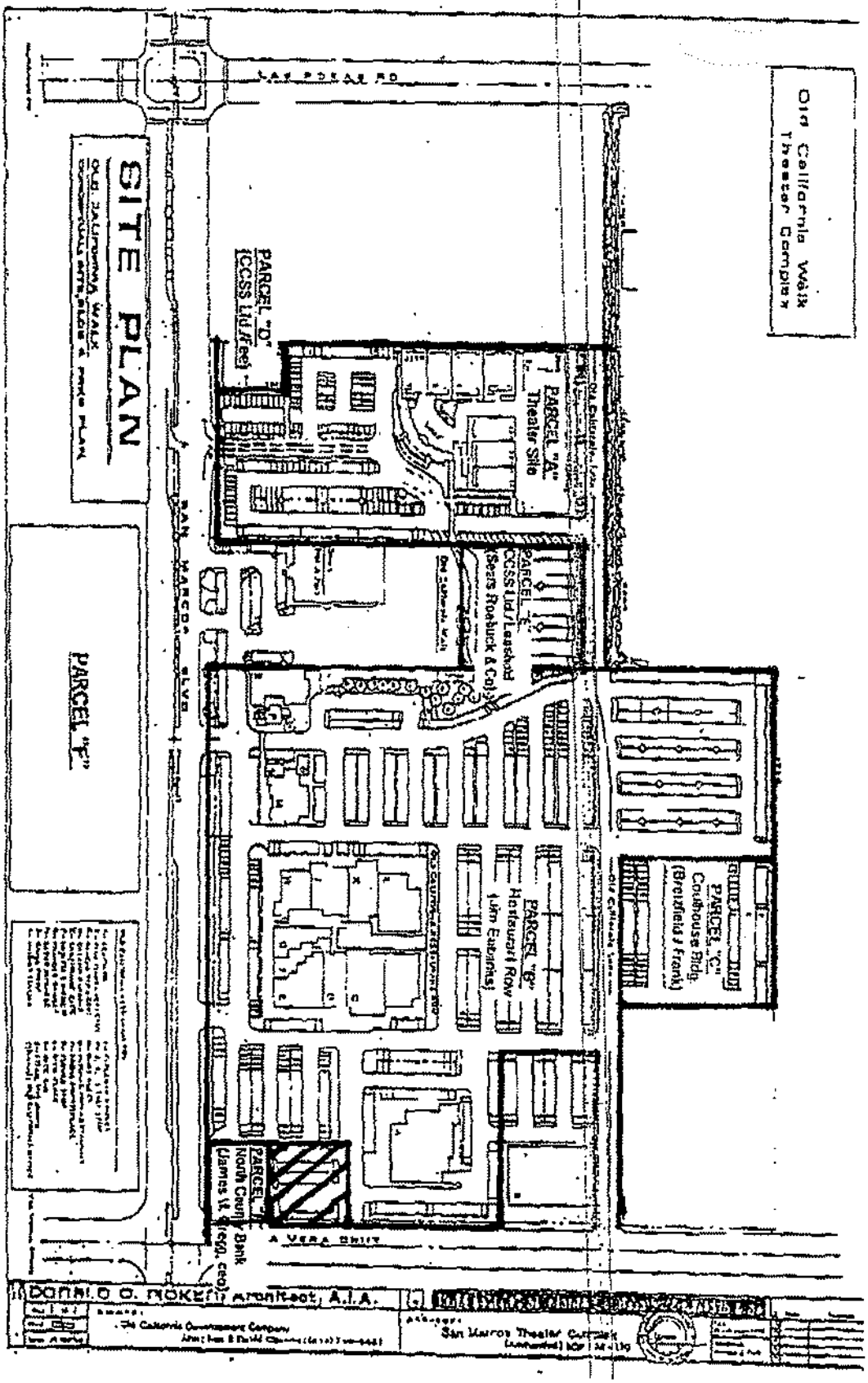


Exhibit 1
18 of 18
(Parcel F)

Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM

Order: 140810
Doc: 1996-564623 REC ALL

LEGAL DESCRIPTIONS
(THE CENTER)

PARCEL A:

THAT PORTION OF LOT 2 IN BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895, DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST NORTHERLY CORNER OF SAID LOT 2; THENCE ALONG THE NORTHEASTERLY LINE OF SAID LOT 2, SOUTH 17°00'22"EAST 50.00 FEET; THENCE PARALLEL WITH THE NORTHWESTERLY LINE OF SAID LOT 2, SOUTH 73°00'06" WEST 200.00 FEET; THENCE PARALLEL WITH THE NORTHEASTERLY LINE OF SAID LOT 2, SOUTH 17°00'22"WEST 611.07 FEET TO A POINT ON THE SOUTHEASTERLY LINE OF SAID LOT 2, THENCE ALONG SAID SOUTHEASTERLY LINE, SOUTH 73°01'28" WEST 328.31 FEET; THENCE PARALLEL WITH THE NORTHEASTERLY LINE OF SAID LOT 2, NORTH 17°00'22" WEST 660.94 FEET TO A POINT ON THE NORTHWESTERLY LINE OF SAID LOT 2; THENCE ALONG SAID NORTHWESTERLY LINE, NORTH 73°00'06" EAST 528.31 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM, THE INTEREST OF THE CITY OF SAN MARCOS ACQUIRED UNDER DEED RECORDED MARCH 4, 1985 AS FILE NO. 85-071264 OF OFFICIAL RECORDS.

PARCEL B:

PARCELS 1, 2, 3 AND 4 OF PARCEL MAP NO. 17325 IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA RECORDED IN THE OFFICE OF THE COUNTY RECORDER ON FEBRUARY 28, 1994 AS FILE NO. 1994-0133864 OF OFFICIAL RECORDS.

PARCEL C:

THE EASTERLY 28.00 FEET OF PARCEL "C" AND ALL OF PARCEL "B" OF PARCEL MAP NO. 10751, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 2, 1980, AS FILE NO. 80-405416 OF OFFICIAL RECORDS.

EXCEPTING THEREFROM THE EASTERLY 28.00 FEET OF PARCEL "B".

PARCEL D:

THAT PORTION OF LOT 2, BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 806, FILED IN THE OFFICE

Order: 140810 Page 37 of 39 Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
Doc: 1996-564623 REC ALL

OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895, DESCRIBED AS FOLLOWS:

THE NORTHERLY 95.00 FEET OF THE SOUTHERLY 135.00 FEET OF THE WESTERLY 80 FEET OF THE EASTERLY 522.31 FEET.

NOTE: THIS PARCEL IS SHOWN AS PARCEL 2 OF TENTATIVE PARCEL MAP NO. 526.

PARCEL E:

THE SOUTHERLY 164 FEET OF THE NORTHERLY 214 FEET OF THE EASTERLY 200 FEET OF LOT 2 IN BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895.

PARCEL F:

ALL THAT PORTION OF LOT 1 BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEASTERLY CORNER OF SAID LOT ONE; THENCE NORTH 18°28'WEST ALONG THE EASTERLY LINE OF SAID LOT ONE, 255.00 FEET; THENCE SOUTH 71°32' WEST, 9.00 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING SOUTH 71°32' WEST 125.00 FEET TO A POINT OF INTERSECTION WITH A LINE PARALLEL TO AND 134.00 FEET WESTERLY OF SAID EASTERLY LINE; THENCE ALONG SAID PARALLEL LINE, SOUTH 18°28' EAST, 255.00 FEET TO A POINT OF INTERSECTION WITH THE SOUTHERLY LINE OF SAID LOT ONE; THENCE NORTH 71°32'EAST ALONG SAID SOUTHERLY LINE, 95.00 FEET TO A POINT LYING SOUTH 71°32' WEST, 39.00 FEET FROM THE SOUTHEASTERLY CORNER OF SAID LOT 1; THENCE NORTH 18°28' WEST 18.00 FEET TO A POINT ON A 30.00 FOOT RADIUS CURVE CONCAVE NORTHWESTERLY THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 90°00' A DISTANCE OF 47.12 FEET; THENCE NORTH 18°28' WEST, 207 FEET TO THE TRUE POINT OF BEGINNING.

EXCEPTING THEREFROM THE SOUTHERLY 18.00 FEET OF THE WESTERLY 95.00 FEET THEREOF AS DESCRIBED IN DEED TO THE CITY OF SAN MARCOS RECORDED SEPTEMBER 30, 1977 AS FILE NO. 77-403780 OF OFFICIAL RECORDS.

Order: 140810 Page 38 of 39 Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
Doc: 1996-564623 REC ALL

EXHIBIT "_____"

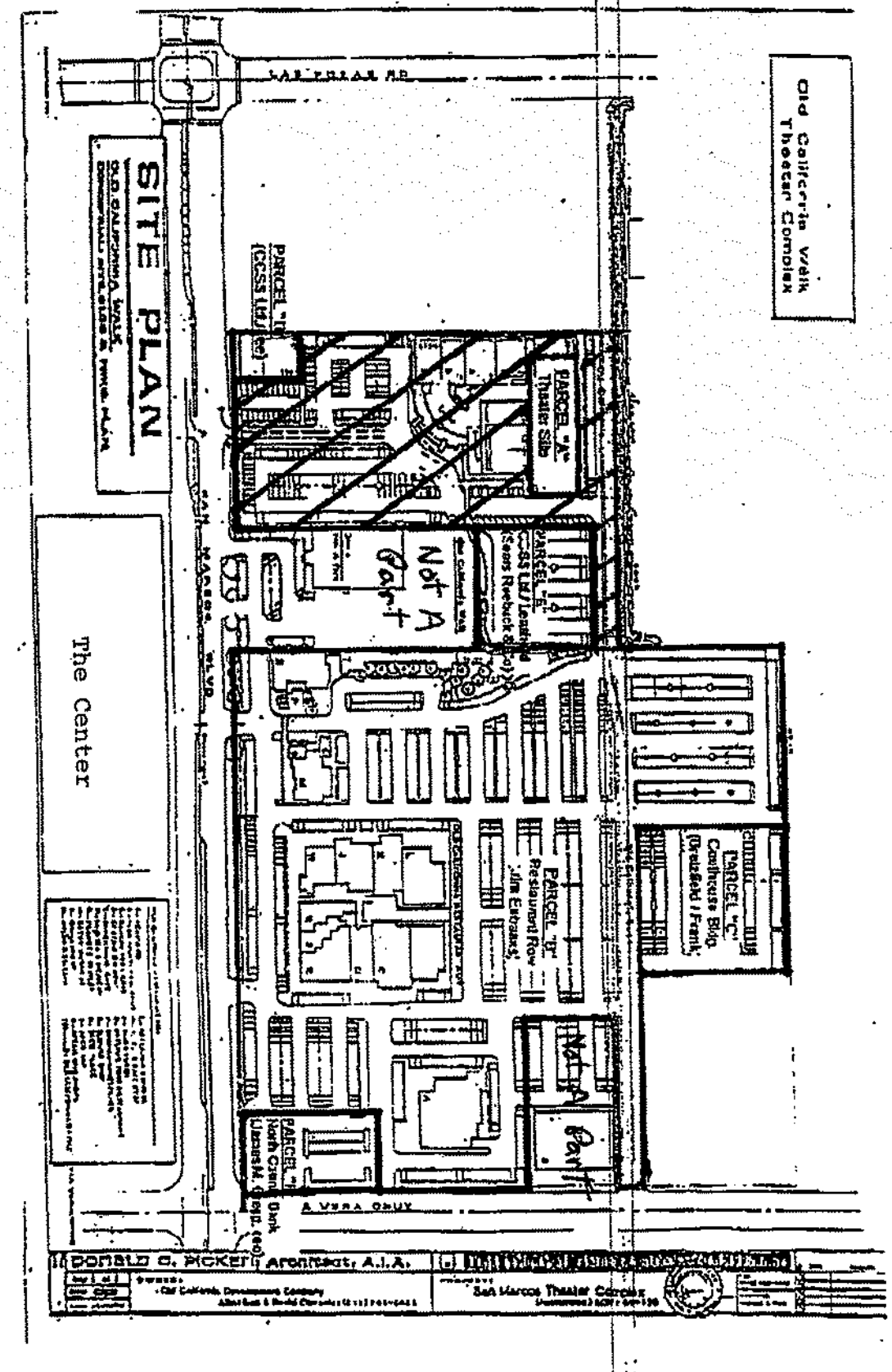


Exhibit 2

3 of 3

Order: 151518

This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

DECLARATION OF RECIPROCAL EASEMENT AGREEMENT
DOC. 1996-0564623, REC. NOV. 7, 1996

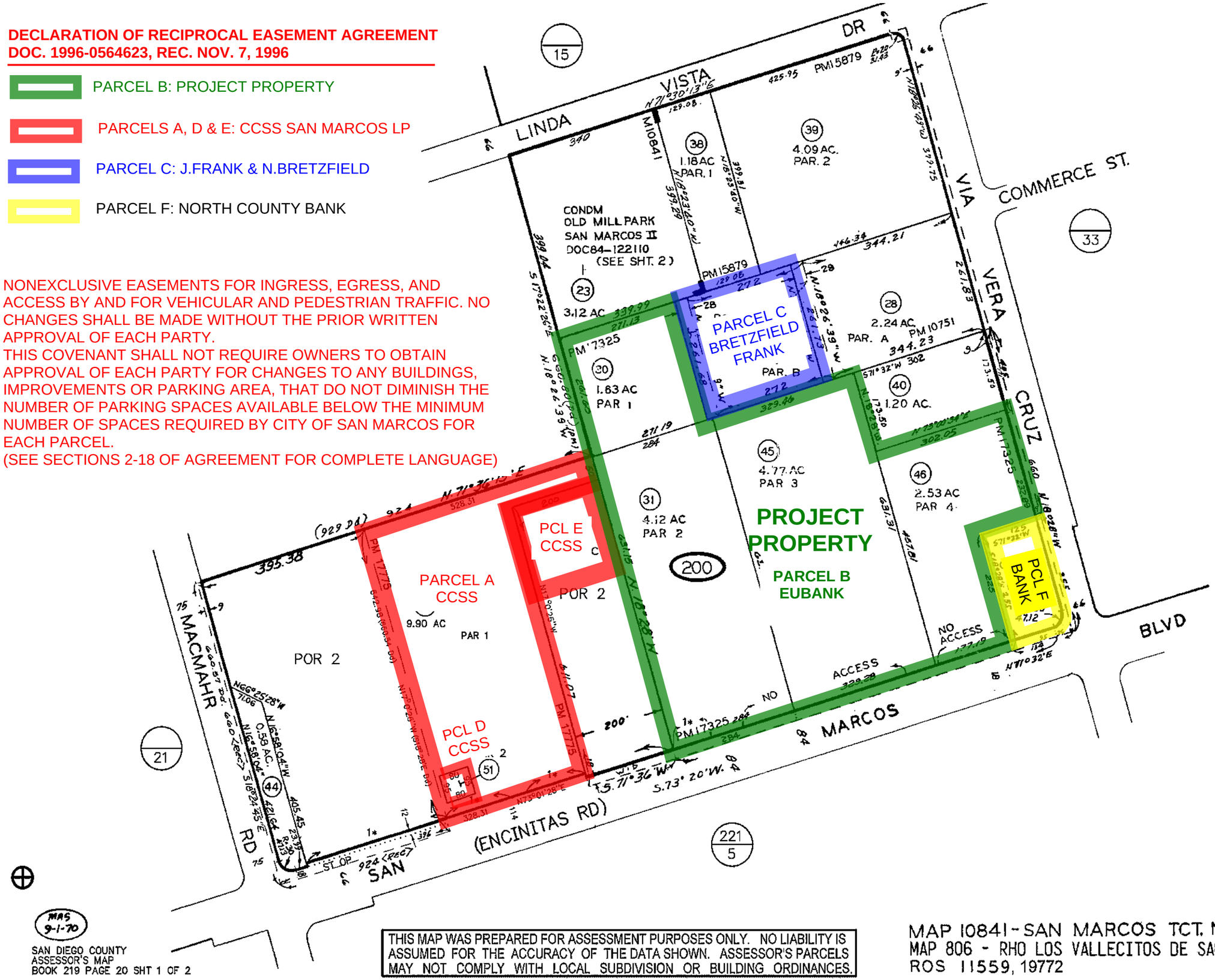
PARCEL B: PROJECT PROPERTY

PARCELS A, D & E: CCSS SAN MARCOS LP

PARCEL C: J.FRANK & N.BRETZFIELD

PARCEL F: NORTH COUNTY BANK

NONEXCLUSIVE EASEMENTS FOR INGRESS, EGRESS, AND ACCESS BY AND FOR VEHICULAR AND PEDESTRIAN TRAFFIC. NO CHANGES SHALL BE MADE WITHOUT THE PRIOR WRITTEN APPROVAL OF EACH PARTY.
THIS COVENANT SHALL NOT REQUIRE OWNERS TO OBTAIN APPROVAL OF EACH PARTY FOR CHANGES TO ANY BUILDINGS, IMPROVEMENTS OR PARKING AREA, THAT DO NOT DIMINISH THE NUMBER OF PARKING SPACES AVAILABLE BELOW THE MINIMUM NUMBER OF SPACES REQUIRED BY CITY OF SAN MARCOS FOR EACH PARCEL.
(SEE SECTIONS 2-18 OF AGREEMENT FOR COMPLETE LANGUAGE)



219-20
SHT 1 OF 2

1"=200'

4/07/08 MGS ✓

CHANGES

BLK	OLD	NEW	YR	CUT
200	9	47&48	97	1304
	25&48	49	97	1439
	49	50&51	97	1631
	43&50	52	99	1032
	52	SAME& ST OP	06	4728

1* NO ACCESS

MAS 9-1-70

SAN DIEGO COUNTY
ASSESSOR'S MAP
BOOK 219 PAGE 20 SHT 1 OF 2

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCELS MAY NOT COMPLY WITH LOCAL SUBDIVISION OR BUILDING ORDINANCES.

MAP 10841-SAN MARCOS TCT. NO. 255 (CONDM)
MAP 806 - RHO LOS VALLECITOS DE SAN MARCOS - BLK 77
ROS 11559, 19772

Requested By: Jennifer Fries , Printed: 5/13/2021 12:37 PM

DOC # 2014-0498921

NOV 17, 2014 8:00 AM
OFFICIAL RECORDS
SAN DIEGO COUNTY RECORDER'S OFFICE
Ernest J. Dronenburg, Jr., COUNTY RECORDER
FEES: 66.00
OC: NA

27

PAGES: 9

NCS-688854

Recording Requested By:
FIRST AMERICAN TITLE
National Commercial Services

RECORDING REQUESTED BY, AND
WHEN RECORDED RETURN TO:
Leonard, Street and Deinard, P.A. (JDP/JRW)
150 South Fifth Street, Suite 2300
Minneapolis, MN 55402

MEMORANDUM OF LEASE

THIS MEMORANDUM OF LEASE, dated as of 9/29, 2014, by and between The Old California Partnership, L.P., a California limited partnership (hereinafter called "**Landlord**"), and Blazin Wings, Inc., a Minnesota corporation (hereinafter called "**Tenant**"):

WITNESSETH:

A. Landlord and Tenant have entered into that certain Lease dated 9/29, 2014 ("**Lease**") relating to certain leased premises ("**Premises**") adjacent to and part of a shopping center known as Old California Restaurant Row ("**Shopping Center**"), situated on certain real property in the City of San Marcos, San Diego County, California. The Shopping Center is legally described on Exhibit A attached hereto.

B. Landlord and Tenant now wish to memorialize of record that existence of the Lease and certain specific terms of the same.

NOW THEREFORE, in consideration of the Lease and other good and valuable consideration, landlord and Tenant agree as follows:

1. Landlord and Tenant have entered in to the Lease effective as of September 29, 2014, to demise and let the Premises upon the terms and conditions more particularly set forth in the Lease.

2. The Lease term shall be for an initial term of one hundred twenty (120) consecutive calendar months commencing on the Rent Commencement Date, as such term is defined in the Lease.

3. Subject to the terms and conditions more particularly set forth in the Lease, Tenant has the option to extend the term of the Lease for four (4) consecutive periods of sixty (60) calendar months each, with the first Renewal Term commencing upon expiration of the Initial Term, and subsequent Renewal Terms commencing upon expiration of the preceding Renewal Term.

4. The Lease contains the following exclusivity provision:

Order: 140810 Page 1 of 9 Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
Doc: 2014-498921 REC ALL

The following definitions are used in the next paragraph:

Beer Exclusive: A restaurant and/or bar that has more than fifteen (15) beer taps.

Competing Use: A use that violates any portion of the Exclusive Use.

Exclusive Use: Collectively, the Sports Bar Exclusive, the Wings Exclusive and the Beer Exclusive.

Sports Bar Exclusive: A restaurant and/or bar which (a) markets itself for viewing sporting events or (b) has eight (8) or more televisions in excess of 37" diagonal.

Wings Exclusive: A restaurant and/or bar which derives five percent (5%) or more of its food sales (on a gross revenue basis) from the aggregated sale of bone-in and/or boneless chicken wings with two (2) or more sauces.

Subject to the terms of the Lease, Landlord will prohibit any other space in the Shopping Center to be used by a person or entity whose business is a Competing Use. Landlord shall include a provision in all future leases in the Shopping Center prohibiting the use of such leased space for a Competing Use. Businesses which are considered a Competing Use include, without limitation, Champps, Hooters, Wing Stop, Buffalo Wings & Rings, Quaker Steak and Lube, Brick House Tavern & Tap, The Green Turtle, Tilted Kilt Pub & Eatery, Cheddar's Casual Café, East Coast Wings & Grill, BJ's Restaurant and Brewhouse, Carolina Ale, Miller's Ale House, Duffy's Sports Gills, Ker's WingHouse, Bru's Room Sports Grill, and Hurricane Grill & Wings, Logan's Roadhouse, Mellow Mushroom, The Ram, CB-Potts, Dave & Buster's, Twin Peaks, Beef O'Brady's, Taco Mac, and Ale House.

5. The parties have agreed to a No Change Area as depicted on Exhibit B. Landlord agrees to abide by the terms of the Lease relating to the No Change Area, including without limitation the covenant not to construct any structure(s) or to reduce the number of available parking stalls within the No Change Area.

6. Landlord hereby grants to Tenant a non-exclusive easement over and across the parking areas and drive lanes of the Shopping Center and over any access easements benefitting the Shopping Center for ingress and egress of vehicular and pedestrian traffic from all public roads adjacent to the Shopping Center to the Premises.

7. Except as otherwise indicated herein, capitalized terms used in this Memorandum are defined as set forth in the Lease.

8. The purpose of this instrument is to give notice of said Lease and all of its terms, covenants, and conditions to the same extent as if said Lease were set forth herein.

9. This Memorandum of Lease is not intended to cover all the terms and conditions of the Lease and is not to be construed as restricting, enlarging, modifying or amending the Lease. Both Landlord and Tenant possess executed counterparts of the Lease to which reference is made for the exact terms, provisions and conditions.

10. The conditions, covenants and agreements contained in this instrument shall be binding upon and inure to the benefit of the parties hereto, their respective heirs, personal representatives, successors and assigns. In the event of any conflict between the terms and conditions of this instrument and the term and conditions of the Lease, it is agreed that the terms and conditions of the Lease shall control.

IN WITNESS WHEREOF, the parties hereto have executed this Memorandum of Lease as of the day and year first above written.

LANDLORD:

THE OLD CALIFORNIA PARTNERSHIP, L.P.,
a California limited partnership

By: _____
Name: Robert C. Eubanks
Title: President

State of California
County of SAN DIEGO

On 9-29-14, before me, JULIE KAY LAMB,
(insert name of notary)
Notary Public, personally appeared ROBERT C. EUBANKS, 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 _____ (Seal)

JULIE KAY LAMB
Commission # 2073944
Notary Public - California
San Diego County
My Comm. Expires Aug 6, 2018

102850953v1

Order: 140810 Page 3 of 9 Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
Doc: 2014-498921 REC ALL

IN WITNESS WHEREOF, the parties hereto have executed this Memorandum of Lease as of the day and year first above written.

TENANT:

BLAZIN WINGS, INC.,
a Minnesota corporation

By: _____
Name: Mary J Twinem
Title: Chief Financial Officer
Treasurer & Secretary

State of Minnesota)
County of Hennepin)

On September 23, 2014, before me, Kimberly L Smith,
(insert name of notary)
Notary Public, personally appeared Mary J Twinem,
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 _____ (Seal)

KIMBERLY LINN SMITH
COMM. #31023196
Notary Public
State of Minnesota
My Commission Expires 1/31/2017

102850953v1

Order: 140810 Page 4 of 9 Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
Doc: 2014-498921 REC ALL

EXHIBIT A

LEGAL DESCRIPTION OF SHOPPING CENTER

PARCEL A1:
PARCEL 1 OF PARCEL MAP NO. 17325, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, FEBRUARY 28, 1994 AS FILE NO. 1994-0133864 OF OFFICIAL RECORDS.

PARCEL A2:
AN EASEMENT AND RIGHT OF WAY FOR INGRESS AND EGRESS, ROAD AND UTILITY PURPOSES, INCLUDING BUT NOT LIMITED TO ELECTRIC POWER, TELEPHONE, GAS, WATER, SEWER AND CABLE TELEVISION LINES AND APPURTENANCES THERETO, OVER, UNDER, ALONG AND ACROSS THE SOUTHERLY 20 FEET OF PARCELS A AND B, AND THE EASTERLY 28 FEET OF PARCEL C OF PARCEL MAP NO. 10751, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 02, 1980 AS FILE NO. 80-405416 OF OFFICIAL RECORDS.

PARCEL A3:
AN EASEMENT FOR INGRESS AND EGRESS AND UTILITY PURPOSES OVER, UNDER, ALONG AND ACROSS A STRIP OF LAND 20 FEET WIDE BEING DESCRIBED AS FOLLOWS: THE NORTHERLY 20 FEET OF LOT 1 IN BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO THE MAP THEREOF NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895.

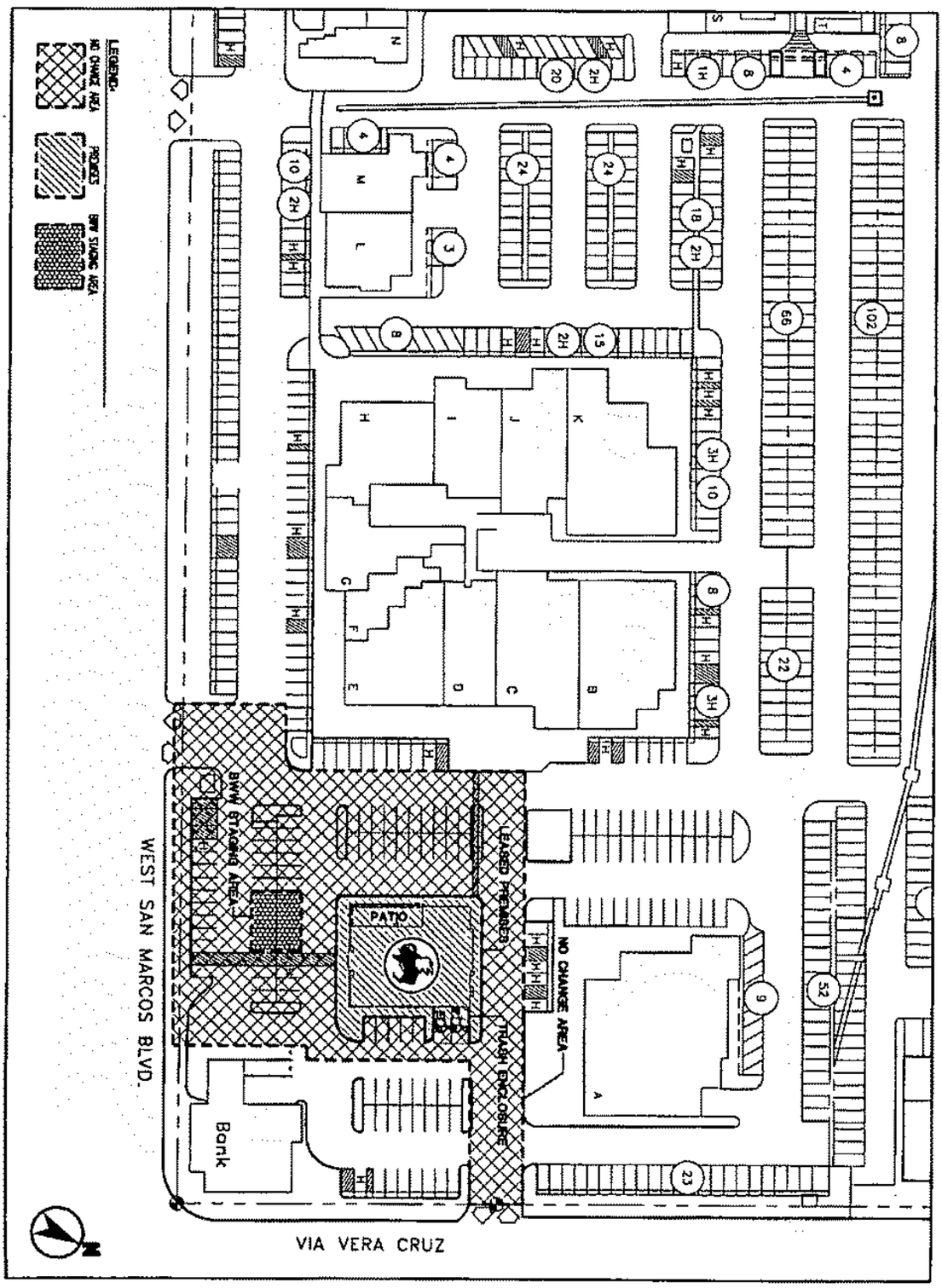
PARCEL B1:
PARCELS 2, 3 AND 4 OF PARCEL MAP NO. 17325, IN THE CITY OF SAN MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, FEBRUARY 28, 1994 AS FILE NO. 1994-0133864 OF OFFICIAL RECORDS.

PARCEL B2:
AN EASEMENT AND RIGHT OF WAY FOR ROAD AND UTILITY PURPOSES AND APPURTENANCES THERETO, OVER, UNDER, ALONG AND ACROSS THE NORTHERLY 20.00 FEET AND THE WESTERLY 16.00 FEET OF THAT PORTION OF LOT 1, BLOCK 77 OF RANCHO LOS VALLECITOS DE SAN MARCOS, IN THE CITY OF MARCOS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO THE MAP THEREOF NO. 806, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, DECEMBER 21, 1895, DESCRIBED AS FOLLOWS: BEGINNING AT THE POINT OF INTERSECTION OF THE NORTHERLY LINE OF SAID LOT 1 WITH THE WESTERLY LINE OF VIA VERA CRUZ (84.00 FEET WIDE) AS SHOWN ON PARCEL MAP NO. 10751 AS RECORDED IN THE OFFICE OF SAID COUNTY RECORDER, DECEMBER 02, 1980; THENCE ALONG SAID NORTHERLY LINE, SOUTH 71° 32' WEST, 302.00 FEET (SOUTH 71° 33' 48" WEST, PER PARCEL MAP NO. 10751); THENCE SOUTH 18° 28' EAST, 173.50 FEET; THENCE NORTH 71° 32' EAST, 302.00 FEET TO SAID WESTERLY LINE OF VIA VERA CRUZ; THENCE ALONG SAID WESTERLY LINE, NORTH 18° 28' WEST (NORTH 18° 26' 49" WEST, PER PARCEL MAP NO. 10751) 173.50 FEET TO THE POINT OF BEGINNING.

APN: 219-200-30-00 as to Parcel 1 of Parcel A1,
219-200-31-00 as to Parcel 2 of Parcel B1,
219-200-45-00 as to Parcel 3 of Parcel B1
and 219-200-46-00 as to Parcel 4 of Parcel B1

Order: 140810 Page 5 of 9 Requested By: Jennifer Fries , Printed: 11/20/2020 11:01 AM
Doc: 2014-498921 REC ALL

EXHIBIT B


LEGEND:
NO CHANGE AREA
PROPOSED BMW STAGING AREA
WEST SAN MARCOS BLVD.
BMW STAGING AREA
PATIO
LEASED PREMISES
NO CHANGE AREA
TRASH ENCLOSURE
Bank
VIA VERA CRUZ
PAGE TITLE:
MACRO SITE PLAN
LOCATION:
SAN MARCOS, CA

PARTNER ENGINEERING AND SCIENCE, INC.
1761 E. Garry Avenue
Santa Ana, California 92705

EXHIBIT C

August 21, 2014
JN 120736.2

Proposed Buffalo Wild Wings Lease Area

That portion of Parcel 4 in the City of San Marcos, County of San Diego, State of California, as shown on a map thereof filed February 28, 1994 in Book of Parcel Maps at Page 17325, in the Office of the County Recorder of said San Diego County, described as follows:

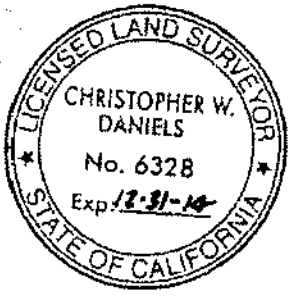
Commencing at the southeasterly terminus of that certain course shown as being "North 17°00'27" West 225.00 feet" for the northeasterly line of said Parcel 4; thence along said northeasterly line North 17°00'27" West 130.64 feet; thence at right angles to said northeasterly line South 72°59'33" West 3.00 feet to the **True Point of Beginning**; thence South 17°00'27" East 3.00 feet to the beginning of a tangent curve concave westerly and having a radius of 15.00 feet; thence southeasterly, southerly and northwesterly 23.56 feet along said curve through a central angle of 90°00'00"; thence tangent from said curve South 72°59'33" West 83.00 feet to the beginning of a tangent curve concave northerly and having a radius of 5.00 feet; thence southwesterly, westerly and northwesterly 7.85 feet along said curve through a central angle of 90°00'00"; thence tangent from said curve North 17°00'27" West 93.00 feet to the beginning of a tangent curve concave easterly and having a radius of 5.00 feet; thence northwesterly, northerly and northeasterly 7.85 feet along said curve through a central angle of 90°00'00"; thence tangent from said curve North 72°59'33" East 93.00 feet to the beginning of a tangent curve concave southerly and having a radius of 5.00 feet; thence northeasterly, easterly and southeasterly 7.85 feet along said curve through a central angle of 90°00'00" to a point of tangency with a line parallel with and 3.00 feet southwesterly of said northeasterly line of Parcel 4; thence along said parallel line tangent from said curve South 17°00'27" East 3.00 feet; thence South 72°59'33" West 14.00 feet; thence South 17°00'27" East 30.00 feet; North 72°59'33" East 9.00 feet to the beginning of a tangent curve concave southerly and having a radius of 5.00 feet; thence northeasterly, easterly and southeasterly 7.85 feet along said curve through a central angle of 90°00'00"; thence tangent from said curve South 17°00'27" East 2.00 feet; thence South 72°59'33" West 17.00 feet; thence South 17°00'27" East 40.00 feet; thence North 72°59'33" East 17.00 feet to the **True Point of Beginning**.

Containing: 9,439 square feet.

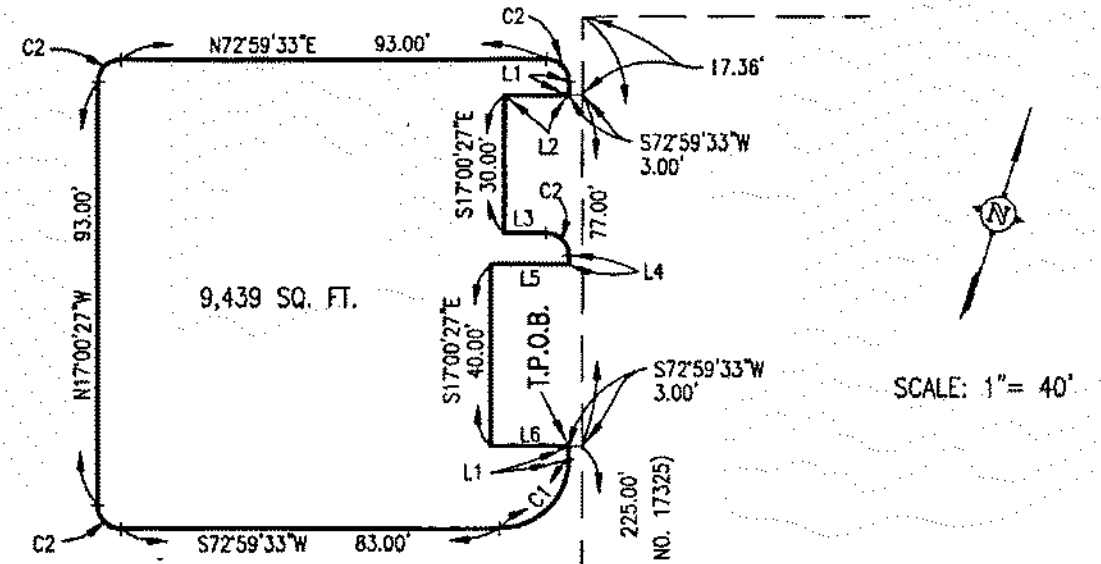
Subject to all covenants, rights, rights-of-way and easements of record.

See Exhibit "B" attached hereto and by this reference mad a part hereof.

Christopher W. Daniels, P.L.S. 6328



PARCEL 4
PARCEL MAP NO. 17325
(RECORDED 02/28/1994 AS INST. NO. 1994-0133864, O.R.)



SCALE: 1"= 40'

LINE TABLE		
LINE	BEARING	LENGTH
L1	S17°00'27"E	3.00'
L2	S72°59'33"W	14.00'
L3	N72°59'33"E	9.00'
L4	S17°00'27"E	2.00'
L5	S72°59'33"W	17.00'
L6	N72°59'33"E	17.00'

NORTHEASTERLY LINE OF PARCEL 4, P.M. NO. 17325
136.64'
N17°00'27"W
(N17°00'27"W 225.00' PER P.M. NO. 17325)

P.O.C.

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	90°00'00"	15.00'	23.56'
C2	90°00'00"	5.00'	7.85'

63.00'
N16°58'32"W
S73°01'28"W 167.04'

C/L VIA VERA CRUZ

C/L SAN MARCOS BOULEVARD

PARTNER
Engineering and Science, Inc.
1761 E. GARRY AVENUE
SANTA ANA, CA 92705
949-930-9095
CDANIELS@PARTNERESI.COM

EXHIBIT "B"

SKETCH TO ACCOMPANY LEGAL DESCRIPTION
FOR PROPOSED BUFFALO WILD WINGS LEASE AREA

JN: 14-120736.2 08/21/2014 PAGE 1 OF 1

TRUE COPY CERTIFICATION

(Government Code 27361.7)

San Diego

Place of Execution

I certify under penalty of perjury that this material is a true copy of the original material contained in this document.

LEGEND.

NO CHANGE AREA PREMISES BWW STAGING AREA

PAGE TITLE:

LOCATION:

11/17/14

Date

Signature of Declarant

SCALE: 1/8"- 1'-0"

MEDIA SIZE: 11"X17"

DRAWN BY: GHA

DATE: 09.15-14

FILE: San Marcos CA

REVISION #: 1.1

Chelino S.

Type or Print Name

Rec. Form #R9 (8-17-87)

MEMORANDUM OF LEASE - DOC. NO. 2014-0498921 REC. NOV. 17, 2014

NON-EXCLUSIVE EASEMENT GRANTED TO TENANT OVER PARKING AREAS AND DRIVE LANES OF PROJECT PROPERTY AND ANY OTHER ACCESS EASEMENT BENEFITTING PROJECT PROPERTY, FOR INGRESS AND EGRESS OF VEHICULAR AND PEDESTRIAN TRAFFIC.

PARTIES AGREED TO A "NO CHANGE AREA" INCLUDING WITHOUT LIMITATION THE COVENANT NOT TO CONSTRUCT ANY STRUCTURE(S) OR TO REDUCE THE NUMBER OF AVAILABLE PARKING STALLS WITHIN "NO CHANGE AREA"

EXHIBIT B

PROJECT PROPERTY

TENANT

NO CHANGE AREA

LEASED PREMISES

TRASH ENCLOSURE

BVW STAGING AREA

Bank

VIA VERA CRUZ

WEST SAN MARCOS BLVD.

LEGEND:

NO CHANGE AREA | PREMISES | BVW STAGING AREA

MACRO SITE PLAN

SAN MARCOS, CA

PAGE TITLE | LOCATION

SCALE:	1/64"=1'-0"
MEDIA SIZE:	11"x17"
DRAWN BY:	GMA
DATE:	09-15-14
FILE:	San Marcos CA
REVISION #:	1.1

RESOLUTION PC 95-2843

A RESOLUTION OF THE CITY OF SAN MARCOS PLANNING COMMISSION APPROVING A MAJOR CONDITIONAL USE PERMIT TO ALLOW THE USE OF OFF-SITE AND SHARED PARKING AND TO EXCEED HEIGHT LIMITS ON PROPOSED TOWER, ROOF AND PARAPETS FOR A THEATER BUILDING WITHIN THE COMMERCIAL ZONE.

CASE NO. CUP 94-255 (95mod)
OLD CALIFORNIA DEVELOPMENT COMPANY

WHEREAS, an application was made by the Old California Development Company to allow for off-site and shared parking and to exceed height limits on architectural features, tiled roof entry and scalloped parapets of the building for the proposed a fourteen screen theater/commercial center in the C (commercial) zone located on the north side of San Marcos Boulevard, between Las Posas Road and Via Vera Cruz, more particularly described as:

Portions of Lots 1 and 2, Block 77, Map 806 and Parcel A, B and C of Parcel Map 10751. Assessor's Parcel Numbers: 219-220-25, 09, 31, 30, 45, & 42; and

WHEREAS, the Developmental Services Department has reviewed the subject application and recommends conditional approval; and

WHEREAS, the Planning Commission did consider a Mitigated Negative Declaration (ND 95-387) pursuant to CEQA; and

WHEREAS, the required Public Hearing held on November 6, 1995 was duly advertised and held in the manner prescribed by law;

WHEREAS, the Planning Commission's decision is based upon the following findings and determinations:

A. The granting of the Conditional Use Permit for off-site and shared parking with the conditions of approval will not be materially detrimental to the public health, safety, or general welfare of the people residing or working in the area, and will not be materially injurious to properties or improvements in the vicinity, in that there is sufficient parking, taking into consideration the demonstrated peak hours of the restaurants within Old California restaurant row and has under utilized parking spaces; shared parking would still allow adequate parking to be available through reciprocal easement agreements and would be utilized by all properties and tenants; there is adequate vehicular and pedestrian ingress/egress to the center within the center and adjacent property.

B. The granting of the Conditional Use Permit to allow architectural features with the conditions of approval will not be materially detrimental to the public health, safety, morals, or general welfare of properties or improvements in the vicinity, in that the proposed architectural features are consistent with the San Marcos Boulevard Design Guidelines and is consistent with the objectives of the General Plan, the community, the surrounding neighborhood and environment; the building placement and design exceed all setback standards.

C. The commercial complex with the proposed uses is consistent with the objectives of the zoning ordinance and the use of shared and reciprocal and parking access agreements as conditioned will not adversely affect the implementation of the General Plan, the community, the surrounding neighborhood or environment.

NOW, THEREFORE, the Planning Commission of the City of San Marcos resolves as follows:

1. The foregoing recitals are true and correct

2. Mitigated Negative Declaration No. 95-387 is hereby approved.

3. The Planning Commission does hereby approve a modification to Conditional Use Permit No. 94-255 (95M) with the following conditions.

4. The site plan and architectural elevations are conditionally approved based upon the submitted plans except as modified by conditions of Site Development Plan 94-120 (95 Mod) as contained in Resolution PC 95-2842 and incorporated herein by reference.

5. Within sixty (60) days of approval of this resolution the revised building elevations and revised site plan shall be modified to reflect the conditions of approval and submitted to the Planning Division for plan check.

6. Within 30 days of the approval of the revised site plan, it shall be submitted as an original mylar along with a mylar of this resolution as a title page. This title page shall include the statement "I(we), _____, the owner(s) or the owner's representative, have read, understand and agree to the conditions of Resolution PC 95-2842 and 2843." Immediately following this statement shall appear a signature block for the owner or the owner's representative which shall be signed. Signature blocks for the Planner Division Director and the Senior Civil Engineer shall also appear on all mylars. The mylars shall be approved by the City prior to any grading plan, improvement plan or final map submittal.

7. A minimum total of 782 parking spaces shall be made available for the theater/commercial center. These parking spaces shall be provided on site (APN

219-200-25) and on the identified areas of Old California Restaurant Row per recorded parking easements/agreements. No off-site/shared parking shall be provided on APN 219-200-43 unless there is a reciprocal parking agreement between the two properties in the future. The proposed theater shall be limited to a maximum of 60,000 square feet and 3,200 seats. The maximum gross floor area of the separate building is 7,500 square feet.

8. Prior to the issuance of any building permit for the center, reciprocal easement agreements for access and shared parking shall be recorded between all parcels 219-220-25, 09, 31, 30, 45, and 42, (portions of Lots 1 and 2, Block 77, Map 806 and Parcels 1, 2, 3, of Parcel Map 17325 and Parcel B of Parcel Map 10751). Copies of said recorded documents shall be submitted to the Planning Division.

9. The pedestrian walkway (Old California Walk) shall be provided for on the south side of the additional parking at the rear of the Sears building as indicated on the submitted site plan. A detailed plan shall be provided showing undulating, landscaping and hardscape with theme lighting shall be submitted prior to issuance of building permits. If the lease agreement is terminated, a replacement walkway shall be provided.

10. Adequate lighting shall be provided throughout all the parking to the satisfaction of the City Engineer. Low sodium lighting shall be used as required by City Council policy for outdoor lighting. Special theme light standards shall be used within the Old California Walk Area.

11. Security personnel shall be provided by the theater to:
    a) Patrol all of the theater's parking areas during the evening hours; and
    b) To prevent theater patrons from parking on the adjacent property to the west (APN 219-200-43).

PASSED AND ADOPTED by the Planning Commission of the City of San Marcos, State of California, at a regular meeting thereof, this 6th day of November, 1995 by the following roll call vote:

AYES: COMMISSIONERS: BUTLER, HERNANDEZ, MARTIN, SANTUCCI, WEDGE, HUFF, CLANCY

NOES: COMMISSIONERS: NONE

ABSENT: COMMISSIONERS: NONE

APPROVED:

Leonard P. Clancy

Leonard Clancy, Chairman
SAN MARCOS CITY PLANNING COMMISSION

ATTEST:

Cathy Kazebee

Cathy Kazebee, Secretary
SAN MARCOS CITY PLANNING COMMISSION

I certify that the foregoing Resolution was duly adopted by the San Marcos Planning Commission on November 6, 1995

Date: 11/17/95

Cathy Kazebee

Cathy Kazebee, Secretary

URIB\RES\CUP120M.PRS

DOC # 1999-0258087

1602 APR 19, 1999 8:07 AM

OFFICIAL RECORDS
SAN DIEGO COUNTY RECORDER'S OFFICE
GREGORY J. SMITH, COUNTY RECORDER
FEES: 73.00

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

Lawrence H. Davidson, Esq.
Edwards Theatres Circuit, Inc.
300 Newport Center Drive
Newport Beach, CA 92660

1999-0258087

FG
83P

FIRST AMENDMENT TO DECLARATION OF RECIPROCAL EASEMENT AGREEMENT

This Amendment to that certain Declaration of Reciprocal Easement Agreements recorded as document number 1996-0564623, on November 7, 1996 ("REA"), is entered into this 20th day of July, 1998, by and between CCSS San Marcos, L.P., a California partnership ("CCSS"); John M. Siegel, an individual, Robert C. Siegel, an individual (hereinafter collectively "Siegels"); Ben Cipranic, an individual, David Cipranic, an individual (hereinafter "Cipranic"); James Rollins Eubank and Vera Pauline Eubank, Co-Trustees of that certain Revocable Trust Agreement, executed December 22, 1986, by James Rollins Eubank and Vera Pauline Eubank for the benefit of the Eubank Family (hereinafter "Eubank"); John Frank, an individual (hereinafter "Frank"); and Nancy Bretzfield, an individual (hereinafter "Bretzfield"); North County bank, a State Bank (hereinafter "North County"); Old California Development Company (hereinafter "OCD"); and Edwards Theatres Circuit, Inc., a California corporation (hereinafter "Edwards"), (hereinafter sometimes collectively referred to as "Declarant"), with reference to the following facts:

WHEREAS, on or about November 7, 1996, CCSS, Siegels, Cipranic, Eubank, Frank, Bretzfield, North County, OCD and Edwards entered into a Declaration of Reciprocal Easement Agreement for certain real property in the City of San Marcos, providing for nonexclusive easements for ingress, egress and access by and for vehicular and pedestrian traffic upon, over and across the Common Area and the Parking Area, and for vehicle parking upon, over and across the Parking Area without fee or charge, for the benefit and use of each of the above- referenced Declarants and their Permittees; and

WHEREAS, pursuant to that Certificate of Compliance recorded on January 20, 1998 as Document Number 1998-0025480 in the San Diego County Recorder's Office ("Certificate of Compliance"), Parcel No: APN 219-200-43, which consists of a portion of lot 2 in Block 77 of Rancho Los Vallecitos De San Marcos, County of San Diego, State of California, was adjusted to include Parcel 1 of Parcel Map 17775, Parcel No: APN 219-200-60, in the City of San Marcos, County of San Diego, State of California, according to the Map Thereof No. 806, filed in the Office of the County Recorder of San Diego County, December 21, 1895.

NOW, THEREFORE, the parties hereto acknowledge and agree for each party's mutual benefit, as follows:

1. Reconfiguration of Site: The area of the site, as set forth in Exhibits 1 and 2, and described as Parcel "A" of the Declaration of Reciprocal Easement Agreements dated November 7, 1996, by and between the parties referenced above is hereby revised to combine Parcel 1 of Parcel Map 17775, with a portion of Lot 2 in Block 77, Map 806 of Rancho Los Vallecitos de San Marcos, as depicted on the attached Certificate of Compliance, and, as depicted as Parcel "G" on the Site Plan. The Site Map and Site Plan which are attached hereto and incorporated herein by this reference as Exhibit "A", hereby

replace and supersede the Site Map and Site Plan attached to the original agreement as Exhibits 1 and 2, thereby expand Parcel A in accordance with the Certificate of Compliance. The definition of Parcel shall include Parcel "G" as shown on Exhibit "A" attached hereto and fully incorporated herein by this reference ("Parcel G"). The definition of Common Area shall include areas of Parcel "G" not improved from time to time by a Building or Buildings, and shall include, without limitation, common utility lines and systems, access roads, driveways, walkways, sidewalks, landscaping, and the Parking Areas now or hereafter depicted on the attached Exhibit "A". The definition of Parking Area shall include those portions of the Common Area in Parcel G hereinafter constructed and used for (i) pedestrian and vehicular ingress to and egress from the Center from adjacent public streets, (ii) pedestrian and vehicular movement in and about the Center, and (iii) the areas developed for the parking of motor vehicles that may now or hereafter exist on Parcel "G". Each of the parties to that certain Declaration of Reciprocal Easement Agreements (recorded November 7, 1996 as document no. 1996-0564623), hereby acknowledges, agrees and consents to the inclusion of Parcel "G" as beneficiary of each, every and all of the grants of easement contained in the REA, and the Owner of Parcel "G" acknowledges, agrees and consents to the reservation as to Parcel "G" of nonexclusive easements for ingress, egress, and access by and for vehicular and pedestrian traffic upon, over and across the Common Area and the Parking Area and for vehicle parking upon , over and across the Parking Area on Parcel G as provided in the REA.

2. No Further Changes: Except as provided herein, the terms and conditions of the Reciprocal Easement Agreement shall remain in full force and effect without modification as on the date first written. Capitalized terms as used herein shall have the same meanings as set forth in the original agreement. Any terms not defined herein shall have the meanings set forth in the original agreement.

This Amendment to Declaration of Reciprocal Easement Agreement may be executed in counterparts and is executed and dated July 20, 1998, and shall be effective upon recordation in the Official Records of San Diego County, California.

"CCSS"
CCS8, a California partnership

By: _____

Ben Cypress GP
Please type/print name & title)

"SIEGELS"

JOHN M. SIEGEL, an individual

By: John M. Siegel
John M. Siegel

ROBERT C. SIEGEL, an individual

By: Robert C. Siegel
Robert C. Siegel

"CIPRANIC"

BEN CIPRANIC, an individual

By:
Ben Cipranic

DAVID CIPRANIC, an individual

By:
David Cipranic

"EUBANK"

EUBANK FAMILY TRUST, dated December 22, 1986

By: James Rollins Eubank Co Trustee
James Rollins Eubank

JAMES ROLLINS EUBANK, an individual

By: James Rollins Eubank
James Rollins Eubank

VERA PAULINE EUBANK, an individual

By: Vera Pauline Eubank Co Trustee
Vera Pauline Eubank,
Co-Trustee

By: Vera Pauline Eubank
Vera Pauline Eubank

"EDWARDS"

EDWARDS THEATRES CIRCUIT, INC.
a California corporation

By: _____
Lawrence H. Davidson
Executive Vice President

"OCD"

OLD CALIFORNIA DEVELOPMENT

By: _____
Ben Cipriano

"NORTH COUNTY"

NORTH COUNTY BANK, a State Bank

By: _____
JAMES M GREGG
(Please type/print name & title)

"BRETZFIELD"

NANCY BRETZFIELD,
an individual

By: _____
Nancy Bretzfield

"FRANK"

JOHN FRANK,
an individual

By: _____
John Frank

"EDWARDS"

EDWARDS THEATRES CIRCUIT, INC.
a California corporation

By: _____
Lawrence H. Davidson
Executive Vice President

"OCD"

OLD CALIFORNIA DEVELOPMENT

By: _____
Ben Cipranic

"NORTH COUNTY"

NORTH COUNTY BANK, a State Bank

By: _____

_____
(Please type/print name & title)

"BRETZFIELD"

NANCY BRETZFIELD,
an individual

By: _____
Nancy Bretzfield

"FRANK"

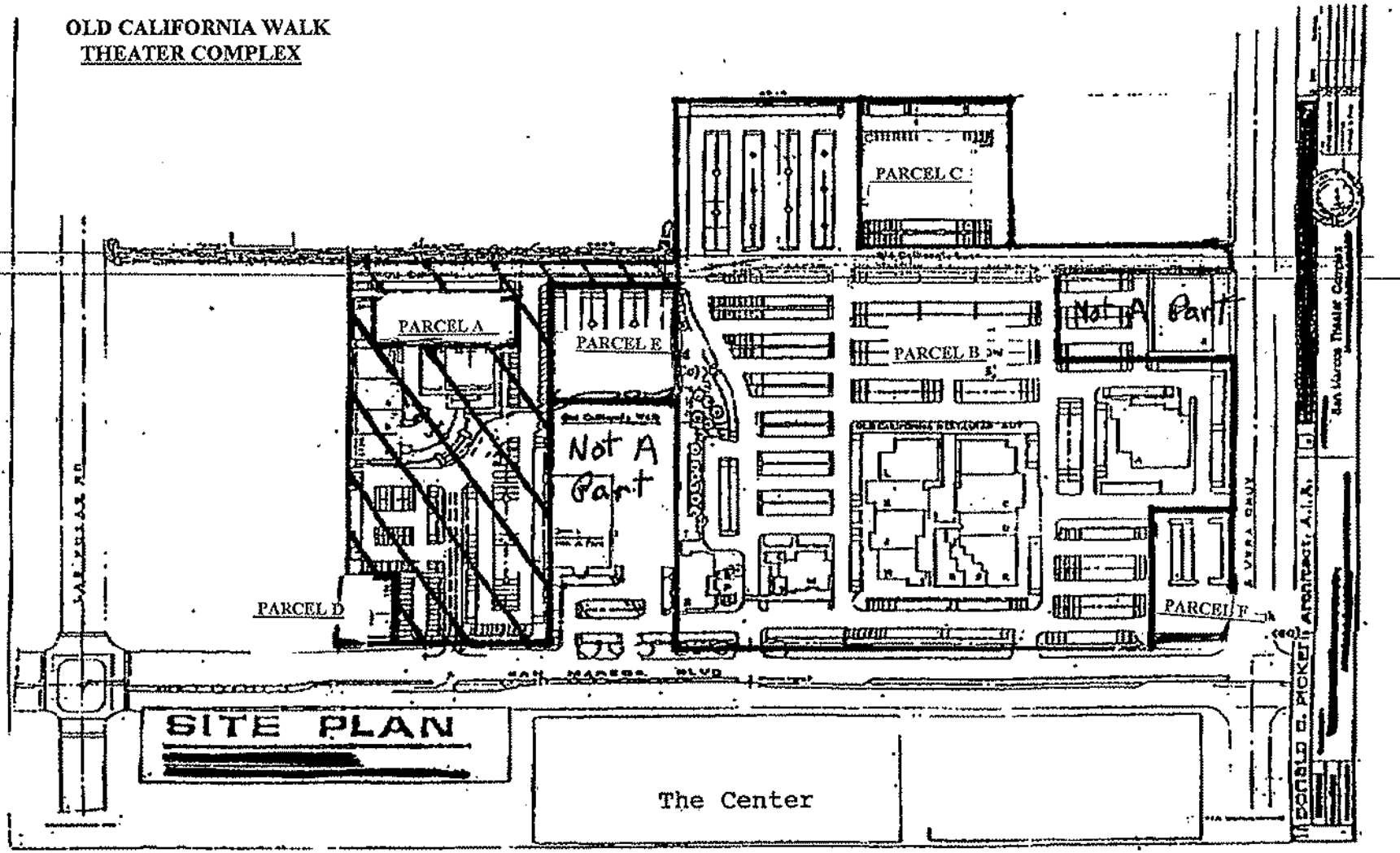
JOHN FRANK,
an individual

By: _____
John Frank

EXHIBIT "A"

1607

OLD CALIFORNIA WALK
THEATER COMPLEX



SITE PLAN

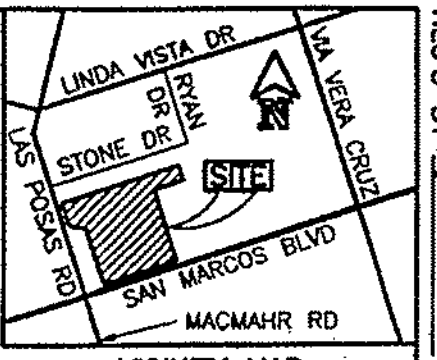
ADJUSTMENT PLAT
CITY OF SAN MARCOS

1608

PARCEL 1 OF P.M. 17775, & POR. OF LOT 2 IN BLK 77 OF RANCHO LOS DE SAN MARCOS, ACCORDING TO MAP 806

EASEMENTS:

(1) 12' DRAINAGE ESM'T TO CITY OF SAN MARCOS PER DOC 80-398292 O.R. REC 11/25/80
(2) 20' UTIL ESM'T TO VWD PER DOC 1991-0099393 O.R. REC 3/7/91
(3) 12' DRAINAGE ESM'T TO CITY OF SAN MARCOS PER DOC 80-398293 O.R. REC 11/25/80
(4) 20' UTIL ESM'T TO VWD PER DOC 1991-0147259 O.R. REC 4/2/91
(5) 12' DRAINAGE ESM'T TO CITY OF SAN MARCOS PER DOC 81-251193 O.R. REC 8/7/81
(6) 20' UTIL ESM'T TO VWD PER DOC 1991-0453057 O.R. REC 9/4/91
(7) 17' UTIL ESM'T TO VWD PER DOC 1997-0281171 O.R. REC 6/17/97
(8) UTIL ESM'T TO VWD PER DOC 1997-0435453 O.R. REC 9/9/97
(9) PARCEL 541 CONDEMNATION CASE NO. N47872
(10) CONVEYED TO CITY OF SAN MARCOS PER DEED REC. 11/01/84, F/P NO. 84-413607 O.R.



VICINITY MAP
NO SCALE

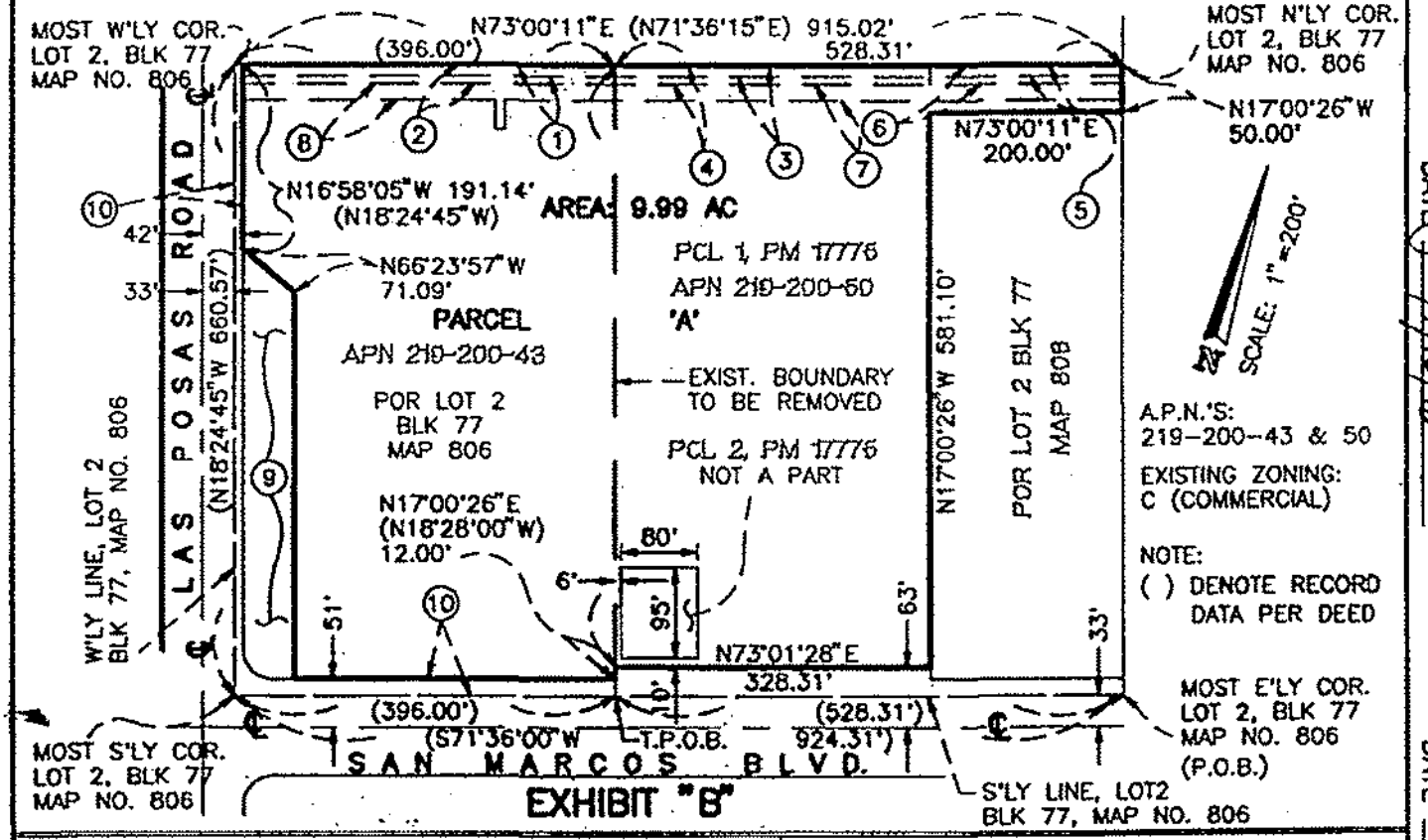


EXHIBIT "B"

DATE FILED 10/14/97
REC'D BY
PRELIMINARY ACTION BY
DATE 11/25/97
FINAL ACTION BY
DATE 1/15/98

HEALTH DEPARTMENT AND UTILITIES CERTIFICATION	
NO EXISTING EASEMENTS WILL BE AFFECTED BY THIS BOUNDARY ADJUSTMENT.	
HEALTH DEPARTMENT	N/A
VALLECITOS WATER	LETTER ON FILE
SDG & E	LETTER ON FILE
PACIFIC BELL	LETTER ON FILE
COX CABLE	LETTER ON FILE

FOR DEPARTMENT USE ONLY

PRELIM. FEE _____ FINAL FEE $200.00
REC. NO. 11071 REC. NO. _____

OWNER: EDWARDS THEATRES CIRCUIT, INC.
PHONE: (714) 640-4600

ADDRESS: 300 NEWPORT CENTER DRIVE
CITY: NEWPORT BEACH, CA 92650

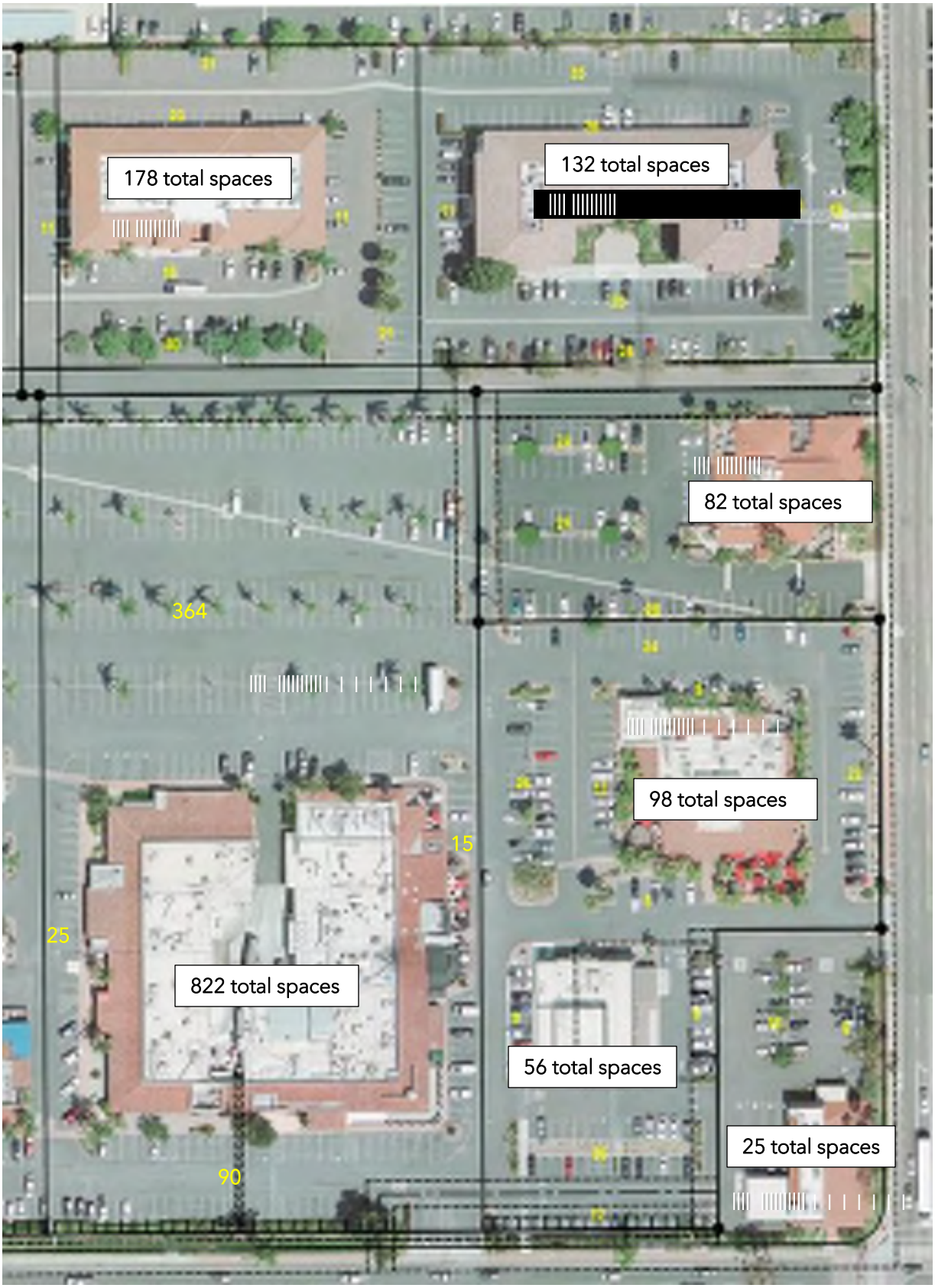
OWNER'S SIGNATURE
APPLICANT: EDWARDS THEATRES CIRCUIT, INC.
ADDRESS: 300 NEWPORT CENTER DRIVE
NEWPORT BEACH, CA 92650
PHONE: (714) 640-4600

William C. Yen 1-12-98
ENGINEER'S SIGNATURE
MAP PREPARED BY: WILLIAM C. YEN
9265 DOWDY DRIVE, STE 217, SAN DIEGO, CA 92126
PHONE NO.(619)693-3989 RCE NO.33730

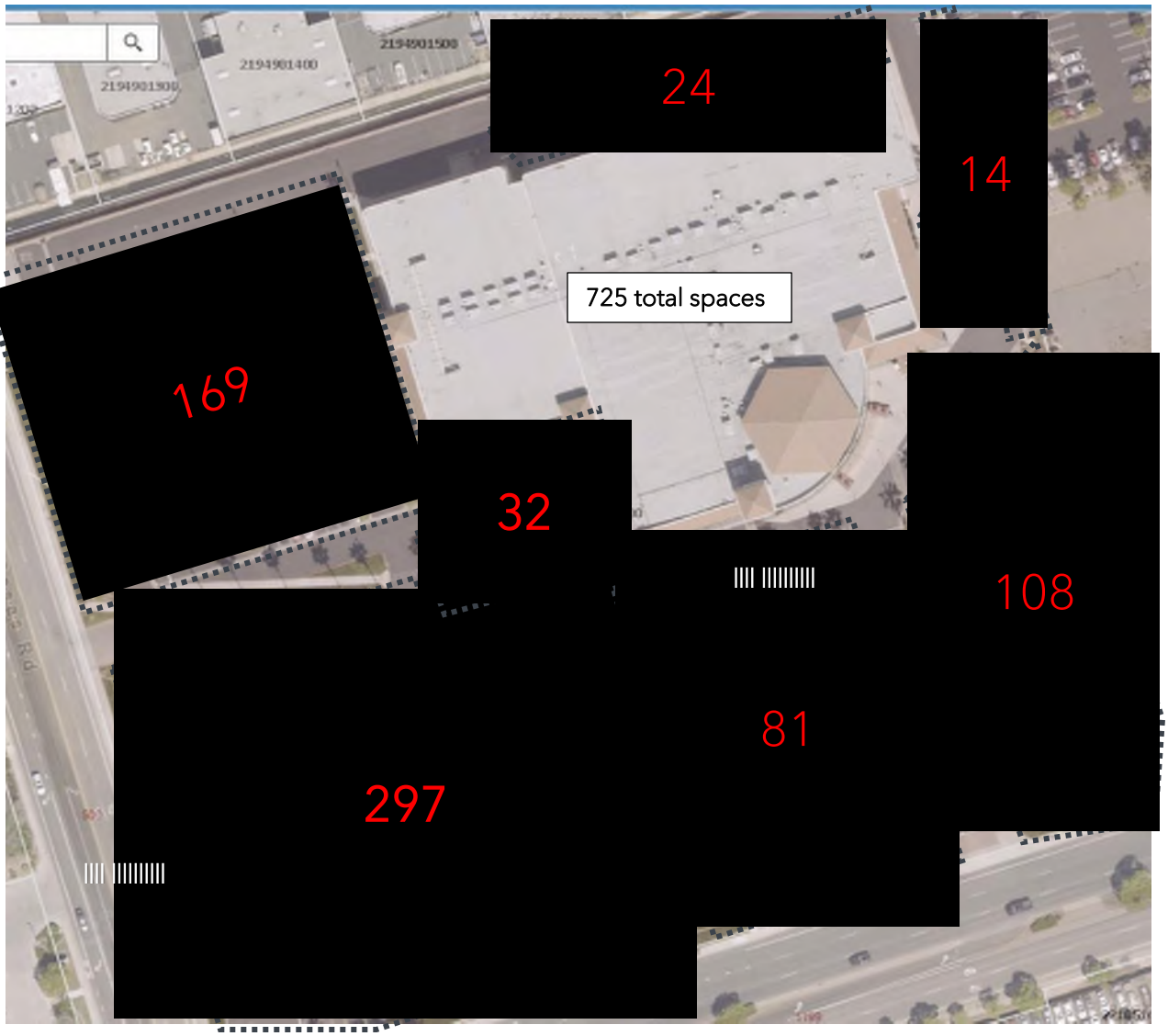
PLAT NO. BA97-112

EXHIBIT "A"

Attachment 3
Existing Parking Supply



212
28
85
85 total spaces
See OCRR total Spaces
68
13
7


24
14
725 total spaces
169
32
108
81
297

Appendix "B"

MEMORANDUM

To: David Shepherd, Lennar
From: Stephen Cook, TE, Intersecting Metrics
Date: Augusst 17, 2023
Regarding: Old California Restaurant Row Restaurant Parking Analysis

The purpose of this technical memorandum is to document the observed parking demand of the existing restaurants adjacent to the Old California Restaurant Row (OCRR) Site. The observed parking demand of the existing restaurants can then serve as an analog for the parking requirements for sit-down restaurants that may be included within of the OCRR Re-Development Specific Plan.

To determine the parking demand for the sit-down restaurant uses that may be included within the OCRR Re-Development Specific Plan, a parking occupancy study was performed on the three sit-down restaurants adjacent to the OCRR site (Fish House Vera Crus, Cocina Del Charro and Buffalo Wild Wings). Hourly parking occupancy counts were conducted for all sites during peak times (between 4:00 PM and 9:00 PM), on Friday April 28, 2023 and Saturday April 29, 2023. The observed parking counts are displayed in **Table 1**.

Table 1: Observed Parking Counts

Date	Use	Observed Parking Demand			
		Fish House Vera Cruz	Cocina Del Charro	Buffalo Wild Wings	Total
4/28/2023 (Friday)	4:00 PM	32	66	25	123
	5:00 PM	49	80	39	168
	6:00 PM	59	89	51	199
	7:00 PM	49	83	36	168
	8:00 PM	42	71	29	142
	9:00 PM	22	63	36	121
4/29/2023 (Saturday)	4:00 PM	30	50	34	114
	5:00 PM	31	64	26	121
	6:00 PM	40	78	41	159
	7:00 PM	47	82	38	167
	8:00 PM	33	73	39	145
	9:00 PM	12	58	28	98

As shown in the table, the highest observed parking demand, across all three sites, occurred at 6:00 PM on a Friday, April 28th. To determine the parking ratio of the uses, **Table 2** compares the maximum observed parking demand at each restaurant to the total square footage of each site.

Table 2: Restaurant Parking Demand

Restaurant	Size (SF)	Peak Demand
Buffalo Wild Wings	5,445	51
Cocina Del Charro	12,047	89
Fish House Vera Cruz	9,100	59
Total	26,592	199
	Parking Ratio	0.00748

As shown in Table 2, the 26,592 SF of existing restaurant uses generated a maximum observed parking demand of 199 spaces. This resulted in a parking demand ratio of approximately 7.5 spaces per 1,000 SF (199 Spaces / 26.592 KSF). As such, it is recommended that the OCRR Re-Development Specific Plan utilize a parking ratio of 7.5 spaces per 1,000 SF for all of its restaurant uses that have more than 2,000 SF of leasable area.

1. Restaurant, > 2,000 s.f. Any restaurant for the primary purpose of on-site service and consumption and/or serving meals in non-disposable containers. Accessory sale of food and nonalcoholic beverages for off-site consumption is permitted provided that all food and beverages sold for on-site consumption are served in non-disposable containers.

2. Restaurant < 2,000 s.f. Any restaurant for the primary purpose of serving meals in disposable containers (paper, plastic, or otherwise disposable/recyclable), for the intent of consumption offsite. No more than 50% of interior floor area may be used for onsite dining purposes. This use includes, but is not limited to, retail bakeries, coffee and beverage shops, ice cream shops, etc.

Restaurant – with Live Entertainment. A Restaurant with Music, comedy, readings, dancing, acting, or other entertainment performed on a site three (3) or more days during a calendar year. This includes dancing by patrons to live or recorded music.

Tasting Room without food service. An area devoted to the sampling and sales thereof of wine or beer produced on or off the premises and the sale of food is prohibited. On-site tasting facilities shall be limited to the sale/tasting of product produced on-site and shall not exceed fifty percent (50%) of the building area. Ancillary retail sales are permitted. Alcohol-related businesses are subject to all applicable state law (California Business and Professions Code Section 23000 et seq.) licensing requirements for the sale or provision of alcohol.

Retail (land use) Any establishment that sells goods for any purpose other than resale in the regular course of business. Retail may also include, but is not limited to, establishments that sell prepared food items that are not meant to be consumed on-site. This may include, but is not limited to, wine shops w/ tasting (no dining facilities), cheese shops, bodegas, and candy stores.

Appendix N

Storm Water Quality Management Plan (SWQMP)

City of San Marcos

PRIORITY DEVELOPMENT PROJECT (PDP)
STORM WATER QUALITY MANAGEMENT PLAN (SWQMP)
FOR
SAN MARCOS RESTAURANT ROW
SP22-0004 GPA22-0002 R22-0002
TSM 22-0003 SDP 22-0006

W. SAN MARCOS BLVD. AND VIA VERA CRUZ
CITY OF SAN MARCOS, CA

ASSESSOR'S PARCEL NUMBER(S):
219-200-30, 31, 45

ENGINEER OF WORK:

Chelisa A. Pack

[Chelisa A. Pack, PE RCE 71026, REGISTRATION EXPIRES 06/30/2025

PREPARED FOR:

Lennar Homes of California Inc.
16455 Via Esprillo, Suite 150
San Diego, CA 92127

PLANS AND PDP SWQMP PREPARED BY:

PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey

701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

DATE OF SWQMP:
July 19, 2023

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PDP SWQMP Preparer's Certification Page
PDP SWQMP Project Owner's Certification Page
Submittal Record
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FORM I-2 Project Type Determination Checklist (Standard Project or PDP)
FORM I-3B Site Information Checklist for PDPs
FORM I-4 Source Control BMP Checklist for All Development Projects
FORM I-5 Site Design BMP Checklist for All Development Projects
FORM I-6 Summary of PDP Structural BMPs
Attachment 1: Backup for PDP Pollutant Control BMPs
    Attachment 1a: DMA Exhibit
    Attachment 1b: Tabular Summary of DMAs and Design Capture Volume Calculations
    Attachment 1c: Harvest and Use Feasibility Screening (when applicable)
    Attachment 1d: Categorization of Infiltration Feasibility Condition (when applicable)
    Attachment 1e: Pollutant Control BMP Design Worksheets / Calculations
Attachment 2: Backup for PDP Hydromodification Control Measures
    Attachment 2a: Hydromodification Management Exhibit
    Attachment 2b: Management of Critical Coarse Sediment Yield Areas
    Attachment 2c: Geomorphic Assessment of Receiving Channels
    Attachment 2d: Flow Control Facility Design
Attachment 3: Structural BMP Maintenance Plan
    Attachment 3a: B Structural BMP Maintenance Thresholds and Actions
    Attachment 3b: Draft Maintenance Agreement (when applicable)
Attachment 4: Copy of Plan Sheets Showing Permanent Storm Water BMPs
Attachment 5: PDP-Exempt Green Street Memo for San Marcos Blvd Frontage Improvement

ACRONYMS

APN	Assessor's Parcel Number
BMP	Best Management Practice
HMP	Hydromodification Management Plan
HSG	Hydrologic Soil Group
MS4	Municipal Separate Storm Sewer System
N/A	Not Applicable
NRCS	Natural Resources Conservation Service
PDP	Priority Development Project
PE	Professional Engineer
SC	Source Control
SD	Site Design
SDRWQCB	San Diego Regional Water Quality Control Board
SIC	Standard Industrial Classification
SWQMP	Storm Water Quality Management Plan

PDP SWQMP PREPARER'S CERTIFICATION PAGE

Project Name: San Marcos Restaurant Row
Permit Application Number: [SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006]

PREPARER'S CERTIFICATION

I hereby declare that I am the Engineer in Responsible Charge of design of storm water best management practices (BMPs) for this project, and that I have exercised responsible charge over the design of the BMPs as defined in Section 6703 of the Business and Professions Code, and that the design is consistent with the PDP requirements of the City of San Marcos BMP Design Manual, which is a design manual for compliance with local City of San Marcos and regional MS4 Permit (California Regional Water Quality Control Board San Diego Region Order No. R9-2015-0100) requirements for storm water management.

I have read and understand that the [City Engineer] has adopted minimum requirements for managing urban runoff, including storm water, from land development activities, as described in the BMP Design Manual. I certify that this PDP SWQMP has been completed to the best of my ability and accurately reflects the project being proposed and the applicable BMPs proposed to minimize the potentially negative impacts of this project's land development activities on water quality. I understand and acknowledge that the plan check review of this PDP SWQMP by the [City Engineer] is confined to a review and does not relieve me, as the Engineer in Responsible Charge of design of storm water BMPs for this project, of my responsibilities for project design.

Chelisa A. Pack
_____ No. 71026 Exp. 06-30-25 _____
Engineer of Work's Signature, PE Number & Expiration Date

_Chelisa Pack_____
Print Name

Project Design Consultants, a Bowman Company_____
Company

8/17/23_____
Date

Engineer's Seal:

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PDP SWQMP PROJECT OWNER'S CERTIFICATION PAGE

Project Name: San Marcos Restaurant Row
Permit Application Number: [SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006]

PROJECT OWNER'S CERTIFICATION

This PDP SWQMP has been prepared for [Lennar Homes of California, Inc.] by [Project Design Consultants]. The PDP SWQMP is intended to comply with the PDP requirements of the City of San Marcos BMP Design Manual, which is a design manual for compliance with local City of San Marcos and regional MS4 Permit (California Regional Water Quality Control Board San Diego Region Order No. R9-2015-0100) requirements for storm water management.

The undersigned, while it owns the subject property, is responsible for the implementation of the provisions of this plan. Once the undersigned transfers its interests in the property, its successor-in-interest shall bear the aforementioned responsibility to implement the best management practices (BMPs) described within this plan, including ensuring on-going operation and maintenance of structural BMPs. A signed copy of this document shall be available on the subject property into perpetuity.

_____
Project Owner's Signature

_Ryan Green_____
Print Name

_Lennar Homes_____
Company

_____
Date

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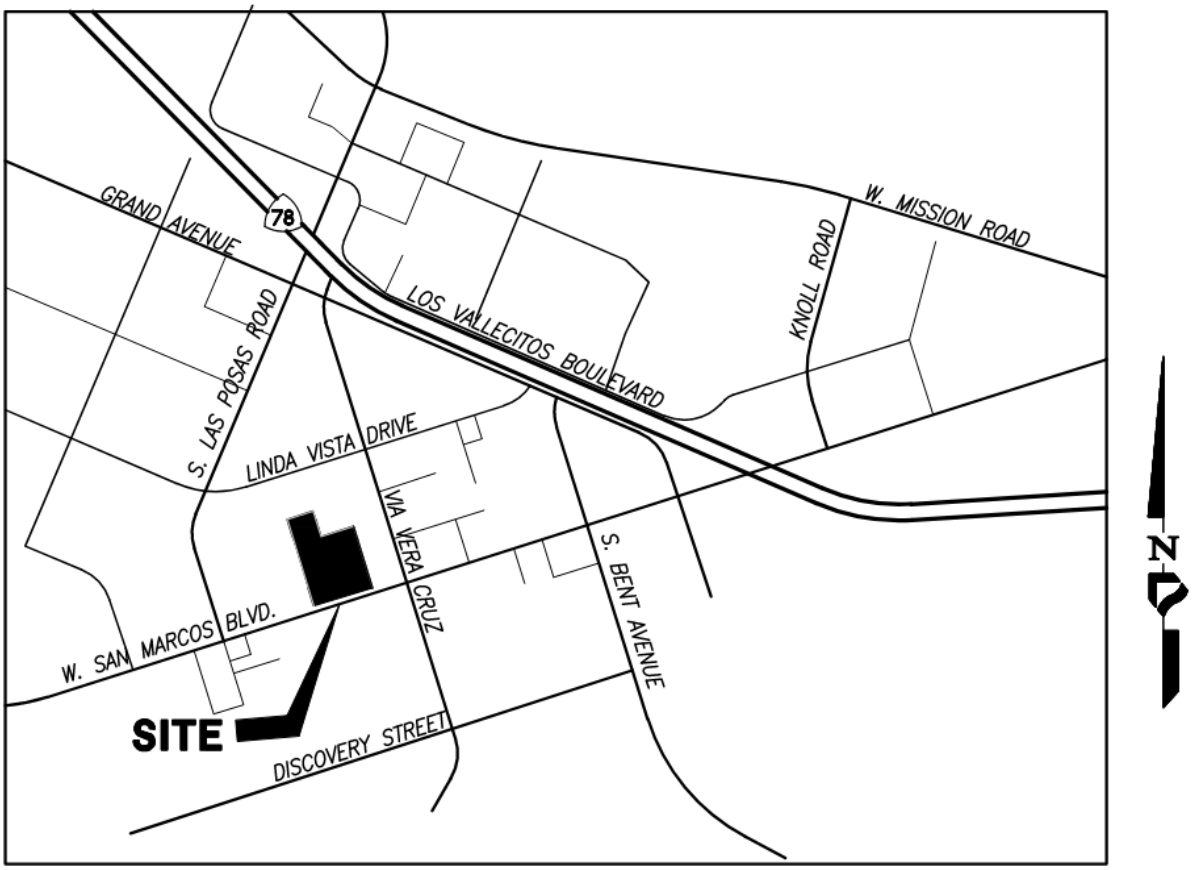
SUBMITTAL RECORD

Use this Table to keep a record of submittals of this PDP SWQMP. Each time the PDP SWQMP is re-submitted, provide the date and status of the project. In column 4 summarize the changes that have been made or indicate if response to plancheck comments is included. When applicable, insert response to plancheck comments behind this page.

Submittal Number	Date	Project Status	Summary of Changes
1	7/7/2022	■ Preliminary Design / Planning/ CEQA □ Final Design	Initial Submittal
2	9/23/2022	□ Preliminary Design / Planning/ CEQA □ Final Design	Second Submittal
3	11/18/2022	□ Preliminary Design / Planning/ CEQA □ Final Design	Third Submittal
4	5/3/2023	□ Preliminary Design / Planning/ CEQA □ Final Design	Fourth Submittal
5	7/19/2023	□ Preliminary Design / Planning/ CEQA □ Final Design	Fifth Submittal

PROJECT VICINITY MAP

Project Name: San Marcos Restaurant Row
Permit Application Number: [SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006]



VICINITY MAP

NOT TO SCALE

Applicability of Storm Water Best Management Practices (BMP) Requirements (Storm Water Intake Form for all Development Permit Applications) For detailed information please visit: http://www.san-marcos.net/departments/development-services/stormwater/development-planning	Form I-1 [March 15, 2016]

Project Identification

Project Name: San Marcos Restaurant Row

Description: A multi-use project providing live/work units designed to provide a secure access separating the residential space from the commercial space. A proposed park located along the existing floodway is proposed to provide a community garden and can be programmed for special events.

Permit Application Number (if applicable): SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006	Date:7/19/2023

Project Address: W San Marcos Blvd and Via Vera Cruz, San Marcos, CA 92078

Determination of Requirements

This form is required as part of the City's application process. The purpose of this form is to identify potential land development planning storm water requirements that apply to development projects.

Development projects are defined as construction, rehabilitation, redevelopment, or reconstruction of any public or private projects. In addition, the identification of a development project, as it relates to storm water regulations, would truly apply to development and redevelopment activities that have the potential to contact storm water and contribute a source of pollutants, or reduce the natural absorption and infiltration abilities of the land.

To access the BMP Design Manual, Storm Water Quality Management Plan (SWQMP) templates, and other pertinent information related to this program please refer to:
http://www.san-marcos.net/departments/development-services/stormwater/development-planning

Please answer each of the following steps below, starting with Step 1 and progressing through each step until reaching "Stop".

Step	Answer	Progression
Step 1: Based on the above, Is the project a "development project" (See definition above)? See Section 1.3 of the BMP Design Manual for further guidance if necessary.	■ Yes	Go to Step 2.
	□ No	Permanent BMP requirements do not apply. No SWQMP will be required. Provide brief discussion below. **STOP.**
Discussion / justification if the project is not a "development project" (e.g., the project includes *only* interior remodels within an existing building):		
Step 2: Is the project a Standard Project, Priority Development Project (PDP), or exception to PDP definitions?	□ Standard Project	Only Standard Project requirements apply, including Standard Project SWQMP. **STOP.**
	■ PDP	Standard and PDP requirements apply, including PDP SWQMP. **Go to Step 3 on the following page.**

To answer this item, complete Form I-2, Project Type Determination. See Section 1.4 of the BMP Design Manual *in its entirety* for guidance. **In addition to Section 1.4, please refer to the City's SWQMP Submittal Requirements form.**	☐ Exception to PDP definitions	Standard Project requirements apply, and any additional requirements specific to the type of project. Provide discussion and list any additional requirements below. Prepare Standard Project SWQMP. **STOP.**
Discussion / justification, and additional requirements for exceptions to PDP definitions, if applicable:		

Form I-1 Page 2, Form Date: March 15, 2016

Step 3 (PDPs only). Please answer the list of questions in this section to determine if hydromodification requirements reply to the proposed PDP. Does the project:

Step 3a. Discharge storm water runoff directly to the Pacific Ocean?	☐ Yes	**STOP**. Hydromodification requirements do not apply.
	■ No	Continue to Step 3b.
Step 3b. Discharge storm water runoff directly to an enclosed embayment, not within protected areas?	☐ Yes	**STOP**. Hydromodification requirements do not apply.
	■ No	Continue to Step 3c.
Step 3c. Discharge storm water runoff directly to a water storage reservoir or lake, below spillway or normal operating level?	☐ Yes	**STOP**. Hydromodification requirements do not apply.
	■ No	Continue to Step 3d.
Step 3d. Discharge storm water runoff directly to an area identified in WMAA?	☐ Yes	**STOP**. Hydromodification requirements do not apply.
	■ No	Hydromodification requirements apply to the project. Go to Step 4.
Discussion / justification if hydromodification control requirements do not apply:		

Step 4 (PDPs subject to hydromodification control requirements only). Does protection of critical coarse sediment yield areas apply based on review of WMAA Potential Critical Coarse Sediment Yield Area Map? See Section 6.2 of the BMP Design Manual for guidance.	☐ Yes	Management measures required for protection of critical coarse sediment yield areas (Chapter 6.2). Stop.
	■ No	Management measures not required for protection of critical coarse sediment yield areas. Provide brief discussion below. Stop.

Project Type Determination Checklist			Form I-2 [March 15, 2016]
Project Information			
Project Name/Description: San Marcos Restaurant Row			
Permit Application Number (if applicable): SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006			Date: 7/10/2023
Project Address: W San Marcos Blvd and Via Vera Cruz, San Marcos, CA 92078			
Project Type Determination: Standard Project or Priority Development Project (PDP)			
The project is (select one): New Development ■ Redevelopment			
The total proposed newly created or replaced impervious area is: 426,888 ft^2 (9.8) acres			
Is the project in any of the following categories, (a) through (f)?			
Yes	No ■	(a)	New development projects that create 10,000 square feet or more of impervious surfaces (collectively over the entire project site). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land.
Yes ■	No	(b)	Redevelopment projects that create and/or replace 5,000 square feet or more of impervious surface (collectively over the entire project site on an existing site of 10,000 square feet or more of impervious surfaces). This includes commercial, industrial, residential, mixed-use, and public development projects on public or private land.
Yes ■	No	(c)	New and redevelopment projects that create and/or replace 5,000 square feet or more of impervious surface (collectively over the entire project site), and support one or more of the following uses: (i) Restaurants. This category is defined as a facility that sells prepared foods and drinks for consumption, including stationary lunch counters and refreshment stands selling prepared foods and drinks for immediate consumption (Standard Industrial Classification (SIC) code 5812). (ii) Hillside development projects. This category includes development on any natural slope that is twenty-five percent or greater. (iii) Parking lots. This category is defined as a land area or facility for the temporary parking or storage of motor vehicles used personally, for business, or for commerce. (iv) Streets, roads, highways, freeways, and driveways. This category is defined as any paved impervious surface used for the transportation of automobiles, trucks, motorcycles, and other vehicles.

Form I-2 Page 2, Form Date: March 15, 2016			
Yes	No ■	(d)	New or redevelopment projects that create and/or replace 2,500 square feet or more of impervious surface (collectively over the entire project site), and discharging directly to an Environmentally Sensitive Area (ESA). "Discharging directly to" includes flow that is conveyed overland a distance of 200 feet or less from the project to the ESA, or conveyed in a pipe or open channel any distance as an isolated flow from the project to the ESA (i.e. not commingled with flows from adjacent lands). *Note: ESAs are areas that include but are not limited to all Clean Water Act Section 303(d) impaired water bodies; areas designated as Areas of Special Biological Significance by the State Water Board and San Diego Water Board; State Water Quality Protected Areas; water bodies designated with the RARE beneficial use by the State Water Board and San Diego Water Board; and any other equivalent environmentally sensitive areas which have been identified by the Copermittees. See BMP Design Manual Section 1.4.2 for additional guidance.*
Yes	No ■	(e)	New development projects, or redevelopment projects that create and/or replace 5,000 square feet or more of impervious surface, that support one or more of the following uses: (i) Automotive repair shops. This category is defined as a facility that is categorized in any one of the following SIC codes: 5013, 5014, 5541, 7532-7534, or 7536-7539. (ii) Retail gasoline outlets (RGOs). This category includes RGOs that meet the following criteria: (a) 5,000 square feet or more or (b) a projected Average Daily Traffic (ADT) of 100 or more vehicles per day.
Yes ■	No	(f)	New or redevelopment projects that result in the disturbance of one or more acres of land and are expected to generate pollutants post construction. *Note: See BMP Design Manual Section 1.4.2 for additional guidance.*

Does the project meet the definition of one or more of the Priority Development Project categories (a) through (f) listed above?

No – the project is not a Priority Development Project (Standard Project).

■ Yes – the project is a Priority Development Project (PDP).

The following is for redevelopment PDPs only:

The area of existing (pre-project) impervious area at the project site is: __474,804__ ft^2 (A)
The total proposed newly created or replaced impervious area is __426,888__ ft^2 (B)
Percent impervious surface created or replaced (B/A)*100: _90_%
The percent impervious surface created or replaced is (select one based on the above calculation):

less than or equal to fifty percent (50%) – only new impervious areas are considered PDP

OR

■ greater than fifty percent (50%) – the entire project site is a PDP

Site Information Checklist For PDPs	Form I-3B (PDPs) [March 15, 2016]
Project Summary Information	
Project Name	San Marcos Restaurant Row
Project Address	W San Marcos Blvd and Via Vera Cruz, San Marcos, CA 92078
Assessor's Parcel Number(s) (APN(s))	219-200-30, 31, 45
Permit Application Number	SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006
Project Hydrologic Unit	Select One: ☐ Santa Margarita 902 ☐ San Luis Rey 903 ■ Carlsbad 904 ☐ San Dieguito 905 ☐ Penasquitos 906 ☐ San Diego 907 ☐ Pueblo San Diego 908 ☐ Sweetwater 909 ☐ Otay 910 ☐ Tijuana 911
Project Watershed (Complete Hydrologic Unit, Area, and Subarea Name with Numeric Identifier)	San Marcos (904.5)
Parcel Area (total area of Assessor's Parcel(s) associated with the project)	___10.5_____ Acres (___457,380___ Square Feet)
Area to be Disturbed by the Project (Project Area)	___10.9_ Acres (___474,804__ Square Feet)
Project Proposed Impervious Area (subset of Project Area)	___9.8___ Acres (___426,888__ Square Feet)
Project Proposed Pervious Area (subset of Project Area)	___1.1__ Acres (___47,916_ Square Feet)
Note: Proposed Impervious Area + Proposed Pervious Area = Area to be Disturbed by the Project. This may be less than the Parcel Area.	

Description of Existing Site Condition

Current Status of the Site (select all that apply):

- ■ Existing development
- ☐ Previously graded but not built out
- ☐ Demolition completed without new construction
- ☐ Agricultural or other non-impervious use
- ☐ Vacant, undeveloped/natural

Description / Additional Information:

Existing Land Cover Includes (select all that apply):

- ■ Vegetative Cover
- ■ Non-Vegetated Pervious Areas
- ■ Impervious Areas

Description / Additional Information:

Underlying Soil belongs to Hydrologic Soil Group (select all that apply):

- ☐ NRCS Type A
- ☐ NRCS Type B
- ■ NRCS Type C
- ■ NRCS Type D

Approximate Depth to Groundwater (GW): Geotech letter states approximately 7 feet – 21 feet below existing ground surface.

- ☐ GW Depth < 5 feet
- ■ 5 feet < GW Depth < 10 feet
- ■10 feet < GW Depth < 20 feet
- ■GW Depth > 20 feet

Existing Natural Hydrologic Features (select all that apply):

- ■Watercourses
- ☐ Seeps
- ☐ Springs
- ☐ Wetlands
- ☐ None

Description / Additional Information:
An existing floodway runs approximately through the center of the project. However, this floodway is within an existing parking lot and does not represent a natural watercourse.

Description of Existing Site Drainage Patterns

How is storm water runoff conveyed from the site? At a minimum, this description should answer:
(1) whether existing drainage conveyance is natural or urban;
(2) Is runoff from offsite conveyed through the site? if yes, quantify all offsite drainage areas, design flows, and locations where offsite flows enter the project site, and summarize how such flows are conveyed through the site;
(3)Provide details regarding existing project site drainage conveyance network, including any existing storm drains, concrete channels, swales, detention facilities, storm water treatment facilities, natural or constructed channels; and
(4) Identify all discharge locations from the existing project site along with a summary of conveyance system size and capacity for each of the discharge locations. Provide summary of the pre-project drainage areas and design flows to each of the existing runoff discharge locations.

Describe existing site drainage patterns:

The project site is bounded by West San Marcos Boulevard and Via Vera Cruz. The project lies within an existing 100-year floodway and floodplain, just downstream of the San Marcos Creek highway 78 Splitflow. Under existing condition, the project area consist of commercial development with a large parking lot area and a number of restaurants. The project site generally drains towards the center, towards the middle of the large parking lot. Surface grates along the project site collect project runoff and convey the runoff towards an existing 30” pipe that runs through the project site. This 30” pipe connects the 36” x 60” elliptical pipe in Via Vera Cruz to an existing concrete channel west of the site. San Marcos Creek is located southwest of the project site, downstream of the project outfall point.

Description of Proposed Site Development

Project Description / Proposed Land Use and/or Activities:

The project proposes a mixed use zone that incorporates retail storefronts, urban living, and community destinations in a vertical pedestrian-oriented setting. To maintain the pedestrian-oriented setting, the ground floor will be limited to retail and other active uses along the primary street frontage of Via Vera Cruz and West San Marcos Boulevard. Residential units will encompass the majority of the site, including homes over commercial units along the project frontage. Another project known as the Sears Site, under a different developer, is adjacent and west of this project. The Sears Site and this project (Restaurant Row) are designed in conjunction to provide a pedestrian paseo access between both sites. The pedestrian access is designed throughout this project connecting to the Sears Site in order to provide pedestrian access from Buffalo Wild Wings to Edwards Cinema's. This pedestrian paseo corridor also serves as a secure, illuminated pedestrian access throughout the project site. A flood park is implemented in the existing floodway with a variety of ammenities tolerant of inundation. The proposed site will allow for opportunity to program special events for the community. In addition, a smaller residential park is proposed just south and out of the floodway in order to provide playground structures for children of different age groups.

List/describe proposed impervious features of the project (e.g., buildings, roadways, parking lots, courtyards, athletic courts, other impervious features):

Some impervious features from the project include proposed residential and commercial buildings, private roads, and parking lots.

List/describe proposed pervious features of the project (e.g., landscape areas):

Pervious features in the project include a flood-park along the floodway of the site designed in anticipation of inundation during large rain events, as well as some vegetation along the residential areas.

Does the project include grading and changes to site topography?

■ Yes

□ No

Description / Additional Information:

Description of Proposed Site Drainage Patterns

Does the project include changes to site drainage (e.g., installation of new storm water conveyance systems)?

■ Yes

□ No

If yes, provide details regarding the proposed project site drainage conveyance network, including storm drains, concrete channels, swales, detention facilities, storm water treatment facilities, natural or constructed channels, and the method for conveying offsite flows through or around the proposed project site. Identify all discharge locations from the proposed project site along with a summary of the conveyance system size and capacity for each of the discharge locations. Provide a summary of pre- and post-project drainage areas and design flows to each of the runoff discharge locations. Reference the drainage study for detailed calculations.

Describe proposed site drainage patterns:

The project site will generally maintain existing drainage patterns, the project site drains to the center towards the proposed flood-park. Most of the roof drainage for the residential motorcourts will drain to the center of their courtyards and collected in an inlet and conveyed through storm drain. Water quality requirements will be addressed with modular wetland systems and hydromodification requirements will be addressed with underground storage vaults. The entire project site will drain to a proposed dual 36-inch pipe and/or box culvert that will replace the existing 30-inch pipe with a new alignment. A proposed 30" pipe will connect the existing 30" pipe to the new alignment pipe. This connection will occur within project boundary limits to avoid offsite improvements to the neighbor's property. A proposed dual 36" pipe is proposed that will transition to a dual RCB after it picks up the northern offsite run-on near Private Drive 'K'. The dual RCB will then discharge to an existing concrete channel on the west side of the project. The post-project 100-year design flow for the project's discharge point is less than the existing condition because in the project site reduces imperviousness in the post-project condition. For more information on the drainage analysis of this site, please refer to the Drainage Report prepared by PDC.

In addition, offsite improvements along the southeast area of the project will include improvements near the existing Buffalo Wild Wings. These improvements will increase the tributary area to an existing Modular Wetland Unit. The existing modular wetland is significantly larger than the minimum required, based on the 1.5 times the water quality flow rate calculated using the post-project's tributary drainage area. See calculations provided in Attachment 1a for the revised tributary area and calculation regarding this existing MWS. The increase in tributary area is adequate for this existing Modular Wetland Unit.

Note that even though the existing Buffalo Wild Wings was permitted prior to the current storm water permit, the existing MWS is adequate for the current stormwater requirements.

Identify whether any of the following features, activities, and/or pollutant source areas will be present (select all that apply):

- ■ On-site storm drain inlets
- ☐ Interior floor drains and elevator shaft sump pumps
- ☐ Interior parking garages
- ☐ Need for future indoor & structural pest control
- ■ Landscape/Outdoor Pesticide Use
- ☐ Pools, spas, ponds, decorative fountains, and other water features
- ■ Food service
- ☐ Refuse areas
- ☐ Industrial processes
- ☐ Outdoor storage of equipment or materials
- ☐ Vehicle and Equipment Cleaning
- ☐ Vehicle/Equipment Repair and Maintenance
- ☐ Fuel Dispensing Areas
- ☐ Loading Docks
- ■ Fire Sprinkler Test Water
- ☐ Miscellaneous Drain or Wash Water
- ■ Plazas, sidewalks, and parking lots

Description / Additional Information:

Identification and Narrative of Receiving Water and Pollutants of Concern

Describe flow path of storm water from the project site discharge location(s), through urban storm conveyance systems as applicable, to receiving creeks, rivers, and lagoons as applicable, and ultimate discharge to the Pacific Ocean (or bay, lagoon, lake or reservoir, as applicable):

The project site discharges the proposed dual 36" pipe to an existing concrete channel that flows west towards South Las Posas Road, and discharges to a natural channel west of South Las Posas Road and North of West San Marcos Blvd. Runoff continues south and commingles with San Marcos Creek.

List any 303(d) impaired water bodies within the path of storm water from the project site to the Pacific Ocean (or bay, lagoon, lake or reservoir, as applicable), identify the pollutant(s)/stressor(s) causing impairment, and identify any TMDLs and/or Highest Priority Pollutants from the WQIP for the impaired water bodies:

303(d) Impaired Water Body	Pollutant(s)/Stressor(s)	TMDLs / WQIP Highest Priority Pollutant
San Marcos Creek	Bifenthrin, Nitrogen, Pyrethroids, Total Dissolved Solids, Benthic Community Effects, DDE, Phosphorus, Selenium, Toxicity, Indicator Bacteria	

Identification of Project Site Pollutants*

***Identification of project site pollutants is only required if flow-thru treatment BMPs are implemented onsite in lieu of retention or biofiltration BMPs (note the project must also participate in an alternative compliance program unless prior lawful approval to meet earlier PDP requirements is demonstrated)**

Identify pollutants expected from the project site based on all proposed use(s) of the site (see BMP Design Manual Appendix B.6):

Pollutant	Not Applicable to the Project Site	Expected from the Project Site	Also a Receiving Water Pollutant of Concern
Sediment		X	
Nutrients		X	X
Heavy Metals		X	
Organic Compounds	X		
Trash & Debris		X	
Oxygen Demanding Substances		X	
Oil & Grease		X	
Bacteria & Viruses		X	X
Pesticides		X	

Hydromodification Management Requirements

Do hydromodification management requirements apply (see Section 1.6 of the BMP Design Manual)?

■ Yes, hydromodification management flow control structural BMPs required.

☐ No, the project will discharge runoff directly to existing underground storm drains discharging directly to water storage reservoirs, lakes, enclosed embayments, or the Pacific Ocean.

☐ No, the project will discharge runoff directly to conveyance channels whose bed and bank are concrete-lined all the way from the point of discharge to water storage reservoirs, lakes, enclosed embayments, or the Pacific Ocean.

☐ No, the project will discharge runoff directly to an area identified as appropriate for an exemption by the WMAA for the watershed in which the project resides.

Description / Additional Information (to be provided if a 'No' answer has been selected above):

Critical Coarse Sediment Yield Areas*

***This Section only required if hydromodification management requirements apply**

Based on the maps provided within the WMAA, do potential critical coarse sediment yield areas exist within the project drainage boundaries?

☐ Yes

■ No, No critical coarse sediment yield areas to be protected based on WMAA maps

If yes, have any of the optional analyses presented in Section 6.2 of the BMP Design Manual been performed?

☐ 6.2.1 Verification of Geomorphic Landscape Units (GLUs) Onsite

☐ 6.2.2 Downstream Systems Sensitivity to Coarse Sediment

☐ 6.2.3 Optional Additional Analysis of Potential Critical Coarse Sediment Yield Areas Onsite

☐ No optional analyses performed, the project will avoid critical coarse sediment yield areas identified based on WMAA maps

If optional analyses were performed, what is the final result?

☐ No critical coarse sediment yield areas to be protected based on verification of GLUs onsite

☐ Critical coarse sediment yield areas exist but additional analysis has determined that protection is not required. Documentation attached in Attachment 2.b of the SWQMP.

☐ Critical coarse sediment yield areas exist and require protection. The project will implement management measures described in Sections 6.2.4 and 6.2.5 as applicable, and the areas are identified on the SWQMP Exhibit.

Discussion / Additional Information:

No potential critical coarse sediment yield areas existing within the project boundaries.

Flow Control for Post-Project Runoff*

***This Section only required if hydromodification management requirements apply**

List and describe point(s) of compliance (POCs) for flow control for hydromodification management (see Section 6.3.1). For each POC, provide a POC identification name or number correlating to the project's HMP Exhibit and a receiving channel identification name or number correlating to the project's HMP Exhibit.

There is only one POC for this project, which for the purposes of the hydromodification analysis is the discharge point into the existing concrete channel west of the project site.

Has a geomorphic assessment been performed for the receiving channel(s)?

☐ No, the low flow threshold is 0.1Q2 (default low flow threshold)

☐ Yes, the result is the low flow threshold is 0.1Q2

☐ Yes, the result is the low flow threshold is 0.3Q2

■ Yes, the result is the low flow threshold is 0.5Q2

If a geomorphic assessment has been performed, provide title, date, and preparer:

"Hydromodification Screening for Restaurant Row", dated September 20, 2022 prepared by Chang Consultants. Report can be found in Attachment 2d.

Discussion / Additional Information: (optional)

Other Site Requirements and Constraints

When applicable, list other site requirements or constraints that will influence storm water management design, such as zoning requirements including setbacks and open space, or local codes governing minimum street width, sidewalk construction, allowable pavement types, and drainage requirements.

Optional Additional Information or Continuation of Previous Sections As Needed

This space provided for additional information or continuation of information from previous sections as needed.

Source Control BMP Checklist for All Development Projects (Standard Projects and Priority Development Projects)	Form I-4 [March 15, 2016]

Project Identification

Project Name: San Marcos Restaurant Row

Permit Application Number

Source Control BMPs

All development projects must implement source control BMPs SC-1 through SC-6 where applicable and feasible. See Chapter 4 and Appendix E of the Model BMP Design Manual for information to implement source control BMPs shown in this checklist.

Answer each category below pursuant to the following.

- "Yes" means the project will implement the source control BMP as described in Chapter 4 and/or Appendix E of the Model BMP Design Manual. Discussion / justification is not required.
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project has no outdoor materials storage areas). Discussion / justification may be provided.

Source Control Requirement	Applied?		
SC-1 Prevention of Illicit Discharges into the MS4	■ Yes	□ No	□ N/A
Discussion / justification if SC-1 not implemented			
SC-2 Storm Drain Stenciling or Signage	■ Yes	□ No	□ N/A
Discussion / justification if SC-2 not implemented:			
SC-3 Protect Outdoor Materials Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	■ Yes	□ No	□ N/A
Discussion / justification if SC-3 not implemented:			
SC-4 Protect Materials Stored in Outdoor Work Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	■ Yes	□ No	□ N/A
Discussion / justification if SC-4 not implemented:			

Form I-4 Page 2 of 2, Form Date: March 15, 2016			
Source Control Requirement	**Applied?**		
SC-5 Protect Trash Storage Areas from Rainfall, Run-On, Runoff, and Wind Dispersal	■ Yes	☐ No	☐ N/A
Discussion / justification if SC-5 not implemented:			
SC-6 Additional BMPs Based on Potential Sources of Runoff Pollutants (must answer for each source listed below)			
■ On-site storm drain inlets	■ Yes	☐ No	☐ N/A
☐ Interior floor drains and elevator shaft sump pumps	☐ Yes	☐ No	■ N/A
☐ Interior parking garages	☐ Yes	☐ No	■ N/A
☐ Need for future indoor & structural pest control	☐ Yes	☐ No	■ N/A
■ Landscape/Outdoor Pesticide Use	■ Yes	☐ No	☐ N/A
☐ Pools, spas, ponds, decorative fountains, and other water features	☐ Yes	☐ No	■ N/A
■ Food service	■ Yes	☐ No	☐ N/A
☐ Refuse areas	☐ Yes	☐ No	■ N/A
☐ Industrial processes	☐ Yes	☐ No	■ N/A
☐ Outdoor storage of equipment or materials	☐ Yes	☐ No	■ N/A
☐ Vehicle and Equipment Cleaning	☐ Yes	☐ No	■ N/A
☐ Vehicle/Equipment Repair and Maintenance	☐ Yes	☐ No	■ N/A
☐ Fuel Dispensing Areas	☐ Yes	☐ No	■ N/A
☐ Loading Docks	☐ Yes	☐ No	■ N/A
■ Fire Sprinkler Test Water	■ Yes	☐ No	☐ N/A
☐ Miscellaneous Drain or Wash Water	☐ Yes	☐ No	■ N/A
■ Plazas, sidewalks, and parking lots	■ Yes	☐ No	☐ N/A
Discussion / justification if SC-6 not implemented. Clearly identify which sources of runoff pollutants are discussed. Justification must be provided for <u>all</u> "No" answers shown above.			

Site Design BMP Checklist for All Development Projects (Standard Projects and Priority Development Projects)	Form I-5 [March 15, 2016]

Project Identification

Project Name: San Marcos Restaurant Row

Permit Application Number

Site Design BMPs

All development projects must implement site design BMPs SD-1 through SD-8 where applicable and feasible. See Chapter 4 and Appendix E of the Model BMP Design Manual for information to implement site design BMPs shown in this checklist.

Answer each category below pursuant to the following.

- "Yes" means the project will implement the site design BMP as described in Chapter 4 and/or Appendix E of the Model BMP Design Manual. Discussion / justification is not required.
- "No" means the BMP is applicable to the project but it is not feasible to implement. Discussion / justification must be provided.
- "N/A" means the BMP is not applicable at the project site because the project does not include the feature that is addressed by the BMP (e.g., the project site has no existing natural areas to conserve). Discussion / justification may be provided.

Site Design Requirement	Applied?		
SD-1 Maintain Natural Drainage Pathways and Hydrologic Features	■ Yes	□ No	□ N/A
Discussion / justification if SD-1 not implemented:			
SD-2 Conserve Natural Areas, Soils, and Vegetation	■ Yes	□ No	□ N/A
Discussion / justification if SD-2 not implemented:			
SD-3 Minimize Impervious Area	■ Yes	□ No	□ N/A
Discussion / justification if SD-3 not implemented:			
SD-4 Minimize Soil Compaction	■ Yes	□ No	□ N/A
Discussion / justification if SD-4 not implemented:			
SD-5 Impervious Area Dispersion	■ Yes	□ No	□ N/A
Discussion / justification if SD-5 not implemented:			

Form I-5 Page 2 of 2, Form Date: March 15, 2016			
Site Design Requirement	**Applied?**		
SD-6 Runoff Collection	☐ Yes	☐ No	■ N/A
Discussion / justification if SD-6 not implemented:			
SD-7 Landscaping with Native or Drought Tolerant Species	■ Yes	☐ No	☐ N/A
Discussion / justification if SD-7 not implemented:			
SD-8 Harvesting and Using Precipitation	☐ Yes	■ No	☐ N/A
Discussion / justification if SD-8 not implemented: Harvesting is not feasible in this project			

Summary of PDP Structural BMPs	Form I-6 (PDPs) [March 15, 2016]

Project Identification

Project Name: San Marcos Restaurant Row

Permit Application Number SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006

PDP Structural BMPs

All PDPs must implement structural BMPs for storm water pollutant control (see Chapter 5 of the BMP Design Manual). Selection of PDP structural BMPs for storm water pollutant control must be based on the selection process described in Chapter 5. PDPs subject to hydromodification management requirements must also implement structural BMPs for flow control for hydromodification management (see Chapter 6 of the BMP Design Manual). Both storm water pollutant control and flow control for hydromodification management can be achieved within the same structural BMP(s).

PDP structural BMPs must be verified by the local jurisdiction at the completion of construction. This may include requiring the project owner or project owner's representative and engineer of record to certify construction of the structural BMPs (see Section 1.12 of the BMP Design Manual). PDP structural BMPs must be maintained into perpetuity, and the local jurisdiction must confirm the maintenance (see Section 7 of the BMP Design Manual).

Use this form to provide narrative description of the general strategy for structural BMP implementation at the project site in the box below. Then complete the PDP structural BMP summary information sheet (page 3 of this form) for each structural BMP within the project (copy the BMP summary information page as many times as needed to provide summary information for each individual structural BMP).

Describe the general strategy for structural BMP implementation at the site. This information must describe how the steps for selecting and designing storm water pollutant control BMPs presented in Section 5.1 of the BMP Design Manual were followed, and the results (type of BMPs selected). For projects requiring hydromodification flow control BMPs, indicate whether pollutant control and flow control BMPs are integrated or separate.

The project site is anticipated to be a no-infiltration site, see Form I-8 provided from the Geotechnical Engineer in Attachment 1d. The majority of the site will drain to underground vaults for hydromodification mitigation sized with a 0.5Q2 water quality threshold, see project's SCCRWP prepared by Chang Consultants for the downstream channel assessment. Three underground vaults are proposed for hydromodification and six modular wetlands are proposed for water quality treatment. The southern portions of the site will drain to their corresponding underground vaults and then low flows will drain to a modular wetland unit for water quality treatment. Since the modular wetland is situated downstream of the vault, and the vault detains the water quality capture volume, the modular wetland unit is sized based on a volume-basis for water quality treatment. The BMP sizing is based on the percent capture method and volume-based sizing methodology, to ensure that the vault and modular wetland are sized adequately.

Specifically, as described in the Section B.4.2 of the City BMP Design Manual, based on the Percent Capture Method, capturing and treating 0.85 times the DCV with a 12-hour drawdown is equivalent to capturing and treating 1.5 times the DCV with a 36-hour drawdown. A 9-hour drawdown is utilized as well for BMP 2A & 2B with treating 0.72 times the DCV. The "default" sizing methodology for proprietary biofiltration is 1.5 times the water quality flowrate, but in this case the BMPs will be sized based on the percent capture method and the volume-based sizing methodology.

(Continue on page 2 as necessary.)

(Page reserved for continuation of description of general strategy for structural BMP implementation at the site)

(Continued from page 1)

The northern portion of the site drains to a modular wetland first; before draining to its corresponding hydromodification vault. This modular wetland is designed as a flow-rate based BMP (1.5 times the water quality flowrate) since it is upstream of the vault. This modular wetland unit collects runoff from the gutter and shallow area drains along the buildings before discharging to the vault for hydromodification mitigation. Surface runoff will be conveyed through a curb inlet which will then convey low-flow runoff through a DVERT to the modular wetland unit for water quality treatment. Once onsite runoff gets treated through the MWS, it will be conveyed towards the underground vault for flow control before it discharges to the POC. High flows from the proposed curb inlet are also routed to the underground vault.

The new impervious area within the park will be treated by vegetated modular wetland systems. Two separate units are proposed for the development along the floodway limits, one that treats the park and another to treat Private Drive 'G' separately.

In addition, another modular wetland is proposed in the north eastern portion of the site to treat the edge condition improvements along with the project run-on tributary to the site. The treatment of this run-on will serve as an offset for the rest of the edge condition improvements that are difficult to treat. This offset will serve as a "treatment swap"; see the DMA Exhibit in Attachment 1a for the delineation and calculation of the treatment swap area. In addition, the edge condition improvements along the southeast portion of the project increased the tributary area for the existing modular wetland unit built with the recent Buffalo Wild Wings project. The as-builts for Buffalo Wild Wings show that this unit was oversized; therefore, this unit is able to treat the additional area, see associated calculations in Attachment 1e. Also, see the hydromodification report in Attachment 2d.

Note that the treatment swap approach is proposed in order to meet the overall permit compliance for the total disturbed project footprint. The edge condition grading resulted in perimeter drainage areas along the property limits that were difficult to capture and treat, due to necessity to tie into existing grades along the property edges. The treatment swap approach will treat more than the required treatment area, due to the proposed treatment of some runon. If the project's adjacent properties redevelop in the future, it is anticipated that the majority of the bypass perimeter areas will be collected and treated with future BMPs along with the rest of the adjoining property limits per the potential future redevelopment projects.

Also, note that the current City of San Marcos BMP Design Manual is dated February 2016. The current BMP Design Manual states that volume retention requirements are not applicable to the project, since it is a "no-infiltration" site. The City may update the manual in the future, but this project is being designed to comply with current City requirements.

(Page reserved for continuation of description of general strategy for structural BMP implementation at the site)

(Continued from page 2)

The project also proposes improvements in San Marcos Boulevard along the project frontage. These improvements include a small side median and some improvements to the existing center median and parkway improvements. Water quality treatment for these improvements will be addressed under the Green Streets criteria, see the Green Streets report in Appendix 5 for San Marcos Boulevard improvements. It is anticipated that current Green Streets requirements will be met with the proposed additional landscaping and green street elements in the medians, and the proposed street trees along the project's frontage.

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 1B

Construction Plan Sheet No.

Type of structural BMP:

- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ■ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ☐ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:

- ■ Pollutant control only
- ☐ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA funded

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 2B

Construction Plan Sheet No.

Type of structural BMP:

- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ■ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ☐ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:

- ■ Pollutant control only
- ☐ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA funded

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 3B

Construction Plan Sheet No.

Type of structural BMP:
- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ■ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ☐ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:
- ■ Pollutant control only
- ☐ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA funded

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 4

Construction Plan Sheet No.

Type of structural BMP:
- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ■ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ☐ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:
- ■ Pollutant control only
- ☐ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 5

Construction Plan Sheet No.

Type of structural BMP:
- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ■ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ☐ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:
- ■ Pollutant Control Only
- ☐ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	Public. City-owned.
Who will maintain this BMP into perpetuity?	City of San Marcos
What is the funding mechanism for maintenance?	City of San Marcos

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 6

Construction Plan Sheet No.

Type of structural BMP:
- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ■ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ☐ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:
- ■ Pollutant Control Only
- ☐ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA funded

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 1A

Construction Plan Sheet No.

Type of structural BMP:
- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ☐ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ■ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:
- ☐ Pollutant Control Only
- ■ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA funded

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 2A

Construction Plan Sheet No.

Type of structural BMP:
- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ☐ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ■ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:
- ☐ Pollutant Control Only
- ■ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA funded

Structural BMP Summary Information
(Copy this page as needed to provide information for each individual proposed structural BMP)

Structural BMP ID No. BMP 3A

Construction Plan Sheet No.

Type of structural BMP:
- ☐ Retention by harvest and use (HU-1)
- ☐ Retention by infiltration basin (INF-1)
- ☐ Retention by bioretention (INF-2)
- ☐ Retention by permeable pavement (INF-3)
- ☐ Partial retention by biofiltration with partial retention (PR-1)
- ☐ Biofiltration (BF-1)
- ☐ Biofiltration with Nutrient Sensitive Media Design (BF-2)
- ☐ Proprietary Biofiltration (BF-3) meeting all requirements of Appendix F
- ☐ Flow-thru treatment control with prior lawful approval to meet earlier PDP requirements (provide BMP type/description in discussion section below)
- ☐ Flow-thru treatment control included as pre-treatment/forebay for an onsite retention or biofiltration BMP (provide BMP type/description and indicate which onsite retention or biofiltration BMP it serves in discussion section below)
- ☐ Flow-thru treatment control with alternative compliance (provide BMP type/description in discussion section below)
- ■ Detention pond or vault for hydromodification management
- ☐ Other (describe in discussion section below)

Purpose:
- ☐ Pollutant Control Only
- ■ Hydromodification control only
- ☐ Combined pollutant control and hydromodification control
- ☐ Pre-treatment/forebay for another structural BMP
- ☐ Other (describe in discussion section below)

Who will certify construction of this BMP? Provide name and contact information for the party responsible to sign BMP verification forms if required by the [City Engineer] (See Section 1.12 of the BMP Design Manual)	Project Design Consultants 619.235.6471 Chelisa Pack, RCE 71026
Who will be the final owner of this BMP?	HOA
Who will maintain this BMP into perpetuity?	HOA
What is the funding mechanism for maintenance?	HOA funded

ATTACHMENT 1
BACKUP FOR PDP POLLUTANT CONTROL BMPS

This is the cover sheet for Attachment 1.

Indicate which Items are Included behind this cover sheet:

Attachment Sequence	Contents	Checklist
Attachment 1a	DMA Exhibit (Required) See DMA Exhibit Checklist on the back of this Attachment cover sheet.	■ Included
Attachment 1b	Tabular Summary of DMAs Showing DMA ID matching DMA Exhibit, DMA Area, and DMA Type (Required)* *Provide table in this Attachment OR on DMA Exhibit in Attachment 1a	■ Included on DMA Exhibit in Attachment 1a □ Included as Attachment 1b, separate from DMA Exhibit
Attachment 1c	Form I-7, Harvest and Use Feasibility Screening Checklist (Required unless the entire project will use infiltration BMPs) Refer to Appendix B.3-1 of the BMP Design Manual to complete Form I-7.	■ Included □ Not included because the entire project will use infiltration BMPs
Attachment 1d	Form I-8, Categorization of Infiltration Feasibility Condition (Required unless the project will use harvest and use BMPs) Refer to Appendices C and D of the BMP Design Manual to complete Form I-8.	■ Included □ Not included because the entire project will use harvest and use BMPs
Attachment 1e	Pollutant Control BMP Design Worksheets / Calculations (Required) Refer to Appendices B and E of the BMP Design Manual for structural pollutant control BMP design guidelines	■ Included

ATTACHMENT 1A

Use this checklist to ensure the required information has been included on the DMA Exhibit:

The DMA Exhibit must identify:

■ Underlying hydrologic soil group
■ Approximate depth to groundwater
■ Existing natural hydrologic features (watercourses, seeps, springs, wetlands)
□ Critical coarse sediment yield areas to be protected
■ Existing topography and impervious areas
■ Existing and proposed site drainage network and connections to drainage offsite
□ Proposed demolition
■ Proposed grading
■ Proposed impervious features
■ Proposed design features and surface treatments used to minimize imperviousness
■ Drainage management area (DMA) boundaries, DMA ID numbers, and DMA areas (square footage or acreage), and DMA type (i.e., drains to BMP, self-retaining, or self-mitigating)
□ Potential pollutant source areas and corresponding required source controls (see Chapter 4, Appendix E.1, and Form I-3B)
■ Structural BMPs (identify location, type of BMP, and size/detail)

BMP 4
PROPOSED DAYLIGHT/ LIMITS OF WORK
DMA 4
DMA 3
BYPASS AREA 1 ADDRESSED BY TREATMENT SWAP CREDIT
EXISTING FEMA FLOODPLAIN
BMP 3B
BMP 3A
OFFSITE RUN-ON COLLECTED AS BYPASS
EXISTING FEMA FLOODWAY
0.13 AC
BYPASS AREA 2 ADDRESSED BY TREATMENT SWAP CREDIT
BYPASS AREA 5 ADDRESSED BY TREATMENT SWAP CREDIT
0.02 AC
PROPOSED DISCHARGE TO CHANNEL, POC 1
BMP 6
PROPOSED 6'X'2' RCB
PROPOSED 30' PUBLIC DRAINAGE EASEMENT
PROPOSED DUAL 36" PIPE
0.03 AC
0.01 AC
DMA 6
BYPASS AREA 4 ADDRESSED BY TREATMENT SWAP CREDIT
PROPOSED FLOODWAY
PROPOSED 30" PIPE
BMP 5
PROPOSED PARK
DMA 5
PROPOSED FLOODPLAIN
BMP 1B
BMP 2B
PORTION OF EXISTING PIPE TO REMAIN. TO BE REMOVED AND REPLACED BY OTHERS WITH FUTURE STORM DRAIN EXTENSION THROUGH PVT. DRIVE G TO VIA VERA CRUZ
BMP 1A
EXISTING FEMA FLOODWAY
0.33 AC
BMP 2A
DMA 1
EXISTING FEMA FLOODPLAIN
BYPASS AREA 3 ADDRESSED BY TREATMENT SWAP CREDIT
DMA 2
PROPOSED DAYLIGHT/ LIMITS OF WORK
EXISTING FLOGARD
BMP C - BMP ID NO. 2975 PER GP-2481
AREA BEING TREATED BY EXISTING MODULAR WETLAND IN BUFFALO WILD WINGS
PROPOSED DAYLIGHT/ LIMITS OF WORK
SAN MARCOS BLVD
PROPOSED CONDITION IMPROVEMENTS ON SAN MARCOS BLVD. ADDRESSED SEPARATELY VIA PDP-EXEMPT GREEN STREETS APPROACH. SEE APPENDIX 5.
COMMERCE ST
BOARDWALK
VIA VERA CRUZ
PVT. DRIVE 'A'
PVT. DRIVE 'G'
FUTURE SEARS SITE PER SDP 17-0006

LEGEND

- PROJECT BOUNDARY
- DRAINAGE MANAGEMENT AREA (DMA BOUNDARY)
- OFFSITE RUN-ON BEING BYPASSED
- EXISTING FLOODPLAIN
- PROPOSED FLOODPLAIN
- PROPOSED FLOODWAY
- MODULAR WETLAND UNIT
- EXISTING IMPERVIOUS RUN-ON TREATED BY MODULAR WETLAND, 1.69 AC
- NEW IMPERVIOUS SURFACE ADDRESSED THROUGH TREATMENT SWAP, 0.52 AC

TREATMENT SWAP IS FEASIBLE, 1.69 AC > 0.52 AC

BMPs			
BMP ID	DMA ID	AREA (AC)	DMA/BMP TYPE
BMP 1A	DMA 1	2.67	HMP VAULT
BMP 1B	DMA 1	2.67	VEGETATED VOLUME-BASED MWS
BMP 2A	DMA 2	4.02	HMP VAULT
BMP 2B	DMA 2	4.02	VEGETATED VOLUME-BASED MWS
BMP 3A	DMA 3	1.09	HMP VAULT
BMP 3B	DMA 3	1.09	VEGETATED FLOW-BASED MWS
BMP 4	DMA 4	1.48	VEGETATED FLOW-BASED MWS
BMP 5	DMA 5	1.16	VEGETATED FLOW-BASED MWS
BMP 6	DMA 6	1.64	VEGETATED FLOW-BASED MWS

NOTES:
1. SITE DESIGN BMPS INCLUDE:
   - (e) MINIMIZATION OF IMPERVIOUS FOOTPRINT OF THE PROJECT
   - (f) MINIMIZATION OF SOIL COMPACTION TO LANDSCAPED AREAS
   - (k) LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES
2. SOURCE CONTROL BMPS INCLUDE:
   - (a) PREVENTION OF ILLICIT DISCHARGES INTO THE MS4
   - (b) STORM DRAIN STENCILING OR SIGNAGE ("NO DUMPING DRAINS TO WATERWAYS")
   - (e) PROTECTION OF TRASH STORAGE AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL
   - (f) USE OF ANY ADDITIONAL BMPS DETERMINED TO BE NECESSARY BY THE COPERMITTEE TO MINIMIZE POLLUTANT GENERATION AT EACH PROJECT,

NOTES:
1) REFER TO SOIL MAP FOR DISTRIBUTION OF HYDROLOGIC SOIL GROUPS.
2) REFER TO GEOTECH REPORT FOR GROUNDWATER ELEVATIONS AND RANGES.
3) ALL SELF-RETAINING AREAS WILL BE VEGETATED WITH NATIVE/NON-NATIVE OR NON-INVASIVE DROUGHT TOLERANT SPECIES, AND DISTURBED SOILS WILL BE AMENDED AND AERATED.
4) ALL STORM DRAINS SHALL BE STENCILED PER CITY GUIDELINES.

N

30 15 0 30 60 90

SCALE: 1"=30'

SCALE: 1"=30'
JOB #: 4457
CREATED: 8/18/21

PREPARED BY:
PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

CITY OF SAN MARCOS
RESTAURANT ROW
DMA MAP
PROPOSED CONDITIONS
EXHIBIT A

P:\4457\Engr\Reports\DMOAT\ATTACHMENTS\Attachment 1\DMA Exhibit.dwg 7/28/2022 11:13:49 AM

ATTACHMENT 1C

Harvest and Use Feasibility Checklist	Form I-7

1. Is there a demand for harvested water (check all that apply) at the project site that is reliably present during the wet season?

- ☐ Toilet and urinal flushing
- ☒ Landscape irrigation
- ☐ Other:_____

2. If there is a demand; estimate the anticipated average wet season demand over a period of 36 hours. Guidance for planning level demand calculations for toilet/urinal flushing and landscape irrigation is provided in Section B.3.2.

[Provide a summary of calculations here]

LOW PLANT WATER USE =390 GALLONS= 52.1 CF

3. Calculate the DCV using worksheet B-2.1.

DCV = 20,664 (cubic feet)

3a. Is the 36 hour demand greater than or equal to the DCV?	3b. Is the 36 hour demand greater than 0.25DCV but less than the full DCV?	3c. Is the 36 hour demand less than 0.25DCV?
☐ Yes / ☐ No ⇨ ⇩	☐ Yes / ☐ No ⇨ ⇩	☐ Yes ⇩
Harvest and use appears to be feasible. Conduct more detailed evaluation and sizing calculations to confirm that DCV can be used at an adequate rate to meet drawdown criteria.	Harvest and use may be feasible. Conduct more detailed evaluation and sizing calculations to determine feasibility. Harvest and use may only be able to be used for a portion of the site, or (optionally) the storage may need to be upsized to meet long term capture targets while draining in longer than 36 hours.	Harvest and use is considered to be infeasible.

Is harvest and use feasible based on further evaluation?

- ☐ Yes, refer to Appendix E to select and size harvest and use BMPs.
- ☒ No, select alternate BMPs.

ATTACHMENT 1D

Categorization of Infiltration Feasibility Condition	Form I-8

Part 1 - Full Infiltration Feasibility Screening Criteria

Would infiltration of the full design volume be feasible from a physical perspective without any undesirable consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
1	**Is the estimated reliable infiltration rate below proposed facility locations greater than 0.5 inches per hour?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.		X

Provide basis:

Based on the results of previous infiltration testing by others, the in-situ infiltration rates in two locations and using the Porchet Method to convert percolation rate to infiltration rate, were less than 0.02 and 0.01 inches per hour (iph). After applying a feasibility factor of safety of 2, the design infiltration rates are less than 0.01 iph. In addition, the USDA NRCS web soil survey indicates the proposed BMP's are located in soil belonging to Hydrologic Soil Group D with anticipated rates of 0.0 to 0.06 iph, which are not conducive to infiltration.

Based on the infiltration rates, full infiltration is infeasible.

2	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.		X

Provide basis:

If water is allowed to infiltrate into the underlying highly expansive soils, there is an increased risk for heaving and soil movement that could adversely impact nearby structures and improvements. The potential for groundwater mounding exists. Groundwater is located between 10 to 20 feet below existing grades.

Form I-8 Page 2 of 4			
Criteria	Screening Question	**Yes**	**No**
3	**Can infiltration greater than 0.5 inches per hour be allowed without increasing risk of groundwater contamination (shallow water table, storm water pollutants or other factors) that cannot be mitigated to an acceptable level?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: Groundwater is located approximately 10 to 20 feet from the ground surface. No contamination is suspected based on review of the Storm Water Standards Manual and Geotracker website. Per the SWS Manual, infiltration BMP's should be located at least 10 feet from groundwater if the groundwater is considered of beneficial use.			
4	**Can infiltration greater than 0.5 inches per hour be allowed without causing potential water balance issues such as change of seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: We do not expect infiltration will cause water balance issues such as seasonality of ephemeral streams or increased discharge of contaminated groundwater to surface waters. However, evaluating water balance issues is beyond the scope of the geotechnical engineer and should be evaluated by others.			
Part 1 Result *	If all answers to rows 1 - 4 are "**Yes**" a full infiltration design is potentially feasible. The feasibility screening category is **Full Infiltration** If any answer from row 1-4 is "**No**", infiltration may be possible to some extent but would not generally be feasible or desirable to achieve a "full infiltration" design. Proceed to Part 2		No

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

Form I-8 Page 3 of 4

Part 2 – Partial Infiltration vs. No Infiltration Feasibility Screening Criteria

Would infiltration of water in any appreciable amount be physically feasible without any negative consequences that cannot be reasonably mitigated?

Criteria	Screening Question	Yes	No
5	**Do soil and geologic conditions allow for infiltration in any appreciable rate or volume?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2 and Appendix D.		X

Provide basis:

Based on the results of previous infiltration testing by others, the in-situ infiltration rates in two locations and using the Porchet Method to convert percolation rate to infiltration rate, were less than 0.02 and 0.01 inches per hour (iph). After applying a feasibility factor of safety of 2, the design infiltration rates are less than 0.01 iph. A design infiltration rate of 0.05 iph is considered necessary to consider partial infiltration. In addition, the USDA NRCS web soil survey indicates the proposed BMP's are located in soil belonging to Hydrologic Soil Group D with anticipated rates of 0.0 to 0.06 iph, which are not conducive to infiltration.

Based on the infiltration rates, partial infiltration is considered infeasible.

6	**Can Infiltration in any appreciable quantity be allowed without increasing risk of geotechnical hazards (slope stability, groundwater mounding, utilities, or other factors) that cannot be mitigated to an acceptable level**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.2.		X

Provide basis:

If water is allowed to infiltrate into the underlying highly expansive soils, there is an increased risk for heaving and soil movement that could adversely impact nearby structures and improvements. The potential for groundwater mounding exists. Groundwater is located between 10 to 20 feet below existing grades.

Form I-8 Page 4 of 4			
Criteria	Screening Question	**Yes**	**No**
7	**Can Infiltration in any appreciable quantity be allowed without posing significant risk for groundwater related concerns (shallow water table, storm water pollutants or other factors)?** The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: Groundwater is located approximately 10 to 20 feet from the ground surface. No contamination is suspected based on review of the Storm Water Standards Manual and Geotracker website. Per the SWS Manual, infiltration BMP's should be located at least 10 feet from groundwater if the groundwater is considered of beneficial use.			
8	**Can infiltration be allowed without violating downstream water rights**? The response to this Screening Question shall be based on a comprehensive evaluation of the factors presented in Appendix C.3.	X	
Provide basis: We do not expect infiltration to violate downstream water rights, however, evaluating water rights is not a geotechnical issue and should be evaluated by others.			
Part 2 Result*	If all answers from row 5-8 are yes then partial infiltration design is potentially feasible. The feasibility screening category is **Partial Infiltration.** If any answer from row 5-8 is no, then infiltration of any volume is considered to be **infeasible** within the drainage area. The feasibility screening category is **No Infiltration.**	No Infiltration	

*To be completed using gathered site information and best professional judgment considering the definition of MEP in the MS4 Permit. Additional testing and/or studies may be required by Agency/Jurisdictions to substantiate findings

ATTACHMENT 1E

Automated Worksheet B.1: Calculation of Design Capture Volume (V2.0)

Category	#	Description	*i*	*ii*	*iii*	*iv*	*v*	*vi*	*vii*	*viii*	*ix*	*x*	Units
Standard Drainage Basin Inputs	1	Drainage Basin ID or Name	BMP 1A	BMP 2A									unitless
	2	85th Percentile 24-hr Storm Depth	0.67	0.67									inches
	3	Impervious Surfaces Not Directed to Dispersion Area (C=0.90)	104,671	158,969									sq-ft
	4	Semi-Pervious Surfaces Not Serving as Dispersion Area (C=0.30)											sq-ft
	5	Engineered Pervious Surfaces Not Serving as Dispersion Area (C=0.10)	11,804	16,462									sq-ft
	6	Natural Type A Soil Not Serving as Dispersion Area (C=0.10)											sq-ft
	7	Natural Type B Soil Not Serving as Dispersion Area (C=0.14)											sq-ft
	8	Natural Type C Soil Not Serving as Dispersion Area (C=0.23)											sq-ft
	9	Natural Type D Soil Not Serving as Dispersion Area (C=0.30)											sq-ft
Dispersion Area, Tree Well & Rain Barrel Inputs (Optional)	10	Does Tributary Incorporate Dispersion, Tree Wells, and/or Rain Barrels?	No	No		No	No	No	No	No	No	No	yes/no
	11	Impervious Surfaces **Directed to Dispersion Area** per SD-B (Ci=0.90)											sq-ft
	12	Semi-Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.30)											sq-ft
	13	Engineered Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.10)											sq-ft
	14	Natural Type A Soil **Serving as Dispersion Area** per SD-B (Ci=0.10)											sq-ft
	15	Natural Type B Soil **Serving as Dispersion Area** per SD-B (Ci=0.14)											sq-ft
	16	Natural Type C Soil **Serving as Dispersion Area** per SD-B (Ci=0.23)											sq-ft
	17	Natural Type D Soil **Serving as Dispersion Area** per SD-B (Ci=0.30)											sq-ft
	18	Number of Tree Wells Proposed per SD-A											#
	19	Average Mature Tree Canopy Diameter											ft
	20	Number of Rain Barrels Proposed per SD-E											#
	21	Average Rain Barrel Size											gal
Initial Runoff Factor Calculation	22	Total Tributary Area	116,475	175,431	0	0	0	0	0	0	0	0	sq-ft
	23	Initial Runoff Factor for Standard Drainage Areas	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	unitless
	24	Initial Runoff Factor for Dispersed & Dispersion Areas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	unitless
	25	Initial Weighted Runoff Factor	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	unitless
	26	Initial Design Capture Volume	5,333	8,032	0	0	0	0	0	0	0	0	cubic-feet
Dispersion Area Adjustments	27	Total Impervious Area Dispersed to Pervious Surface	0	0	0	0	0	0	0	0	0	0	sq-ft
	28	Total Pervious Dispersion Area	0	0	0	0	0	0	0	0	0	0	sq-ft
	29	Ratio of Dispersed Impervious Area to Pervious Dispersion Area	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	ratio
	30	Adjustment Factor for Dispersed & Dispersion Areas	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	ratio
	31	Runoff Factor After Dispersion Techniques	0.82	0.82	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	unitless
	32	Design Capture Volume After Dispersion Techniques	5,333	8,032	0	0	0	0	0	0	0	0	cubic-feet
Tree & Barrel Adjustments	33	Total Tree Well Volume Reduction	0	0	0	0	0	0	0	0	0	0	cubic-feet
	34	Total Rain Barrel Volume Reduction	0	0	0	0	0	0	0	0	0	0	cubic-feet
Results	35	Final Adjusted Runoff Factor	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	unitless
	36	Final Effective Tributary Area	95,510	143,853	0	0	0	0	0	0	0	0	sq-ft
	37	Initial Design Capture Volume Retained by Site Design Elements	0	0	0	0	0	0	0	0	0	0	cubic-feet
	38	Final Design Capture Volume Tributary to BMP	5,333	8,032	0	0	0	0	0	0	0	0	cubic-feet

No Warning Messages

B.4.2 Percent Capture Method

This section describes the recommended method of sizing volume-based BMPs to achieve the 80 percent capture performance criterion. This method has a number of potential applications for sizing BMPs, including:

- Use this method when a BMP can draw down in less than 36 hours and it is desired to demonstrate that 80 percent capture can be achieved using a BMP volume smaller than the DCV.
- Use this method to determine how much volume (greater than the DCV) must be provided to achieve 80 percent capture when the drawdown time of the BMP exceeds 36 hours.
- Use this method to determine how much volume should be provided to achieve 80 percent capture when upstream BMP(s) have achieved some capture, but have not achieved 80 percent capture.

By nature, the percent capture method is an iterative process that requires some initial assumptions about BMP design parameters and subsequent confirmation that these assumptions are valid. For example, sizing calculations depend on the assumed drawdown time, which depends on BMP depth, which may in turn need to be adjusted to provide the required volume within the allowable footprint. In general, the selection of reasonable BMP design parameters in the first iteration will result in minimal required additional iterations. Figure B.4-1 presents the nomograph for use in sizing retention BMPs in San Diego County.

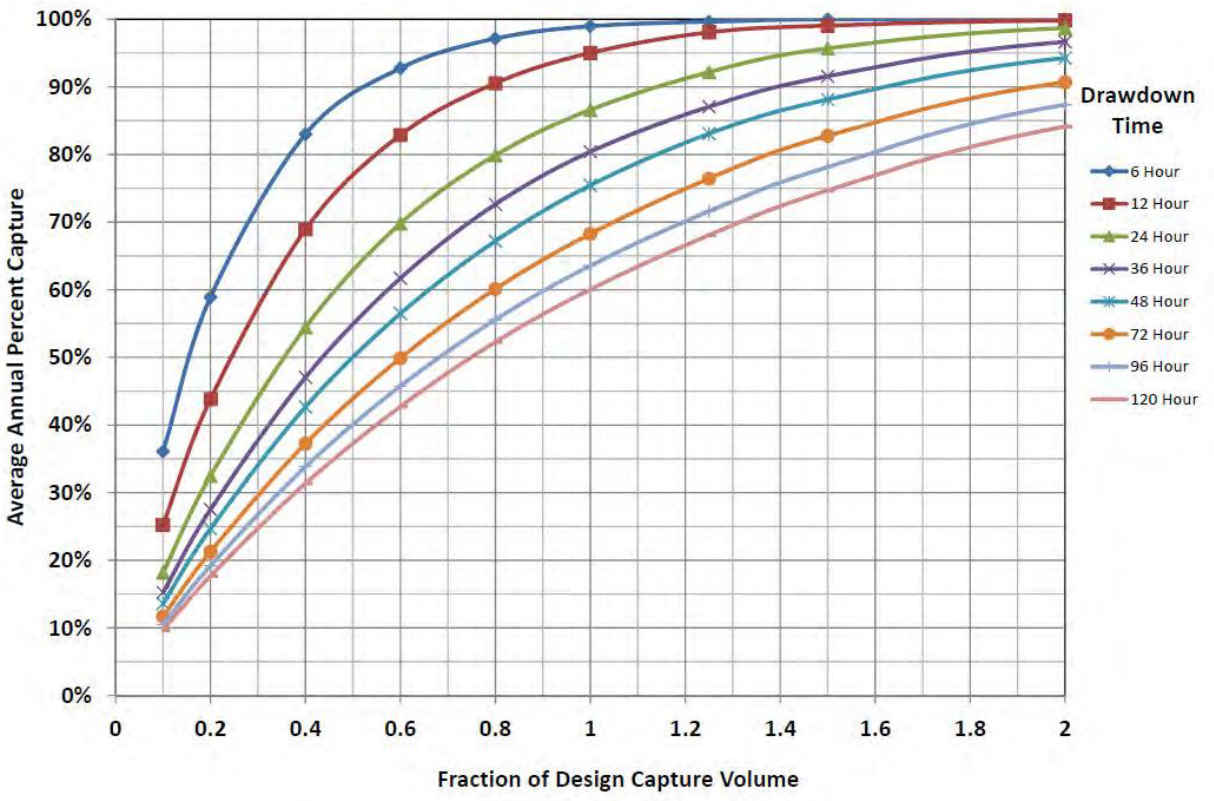


Figure B.4-1: Percent Capture Nomograph

B.5.2 Sizing Biofiltration BMPs Downstream of a Storage Unit

B.5.2.1 Introduction

In scenarios, where the BMP footprint is governed based on Option 1 (Line 21 of Worksheet B.5-1) or the required volume reduction of 40% average annual (long term) runoff capture for partial infiltration conditions (Line 31 of Worksheet B.5.1) the footprint of the biofiltration BMP can be optimized using the sizing calculations in this Appendix B.5.2 when there is an upstream storage unit (e.g. cistern) that can be used to regulate the flows through the biofiltration BMP.

This methodology is **not** applicable when the minimum footprint factor is governed based on the alternative minimum footprint sizing factor calculated using Worksheet B.5-2 (Line 11). Biofiltration BMP smaller than the alternative minimum footprint sizing factor is considered compact biofiltration BMP and may be allowed at the discretion of the City Engineer if the BMP meets the requirements in Appendix F **and** Option 1 or Option 2 sizing in Worksheet B.5-1.

B.5.2.2 Sizing Calculations

Sizing calculations for the biofiltration footprint shall demonstrate that one of two equivalent performance standards is met:

1. Use continuous simulation and demonstrate one of the following is met based on the infiltration condition identified in Chapter 5.4.2:
    a. **No infiltration condition**: The BMP or series of BMPs biofilters at least 92 percent of average annual (long term) runoff volume. This can be demonstrated through reporting of output from the San Diego Hydrology Model, or through other continuous simulation modeling meeting the criteria in Appendix G, as acceptable to the City Engineer. The 92 percent of average annual runoff treatment corresponds to the average capture achieved by implementing a BMP with 1.5 times the DCV and a drawdown time of 36 hours (Appendix B.4.2).
    b. **Partial infiltration condition**: The BMP or series of BMPs biofilters at least 92 percent of average annual (long term) runoff volume and achieves a volume reduction of at least 40 percent of average annual (long term) runoff volume. This can be demonstrated through reporting of output from the San Diego Hydrology Model, or through other continuous simulation modeling meeting the criteria in Appendix G, as acceptable to the City Engineer.
2. Use the simple sizing method in Worksheet B.5-3. The applicant is also required to complete Worksheet B.5-1 and B.5-2 when the applicant elects to use Worksheet B.5-3 to optimize the biofiltration BMP footprint. Worksheet B.5-3 was developed to satisfy the following two criteria as applicable:
    a. Greater than 92 percent of the average annual runoff volume from the storage unit is routed to the biofiltration BMP through the low flow orifice and the peak flow from the low flow orifice can instantaneously be filtered through the biofiltration media. If the outlet design includes orifices at different elevations and an overflow structure,

only flows from the overflow structure should be excluded from the calculation (both for 92 percent capture and for peak flow to the biofiltration BMP that needs to be instantaneously filtered), unless the flows from other orifices also bypass the biofiltration BMP, in which case flows from the orifices that bypass should also be excluded.

b. The retention losses from the optimized biofiltration BMP is equal to or greater than the retention losses from the conventional biofiltration BMP. This second criterion is only applicable for partial infiltration condition.

Table B.5-4 Storage required for different drawdown times

Drawdown Time (hours)	Storage requirement (below the overflow elevation, or below outlet elevation that bypass the biofiltration BMP)
12	0.85 DCV
24	1.25 DCV
36	1.50 DCV
48	1.80 DCV
72	2.20 DCV
96	2.60 DCV
120	2.80 DCV

For drawdown times that are outside the range of values presented in Table B.5-4 above the storage unit should be designed to discharge greater than 92% average annual capture to the downstream Biofiltration BMP.

Worksheet B.5-3: Optimized Biofiltration BMP Footprint when Downstream of a Storage Unit

Optimized Biofiltration BMP Footprint when Downstream of a Storage Unit		Worksheet B.5-3	
1	Area draining to the storage unit and biofiltration BMP		sq-ft
2	Adjusted runoff factor for drainage area (Refer to Appendix B.1 and B.2)		
3	Effective impervious area draining to the storage unit and biofiltration BMP [Line 1 x Line 2]		sq-ft
4	Remaining DCV after implementing retention BMPs		cubic-feet
5	Infiltration rate from Worksheet D.5-1 if partial infiltration is feasible		ft/hr.
6	Media Thickness [1.5 feet minimum], also add mulch layer thickness to this line for sizing calculations		ft
7	Media filtration rate to be used for sizing (0.42 ft/hr. with no outlet control; if the filtration rate is controlled by the outlet use the outlet controlled rate)		ft/hr
8	Media retained pore storage	0.1	ft/ft
Storage Unit Requirement			
9	Drawdown time of the storage unit, minimum(from the elevation that bypasses the biofiltration BMP, overflow elevation)		hours
10	Storage required to achieve greater than 92 percent capture (see Table B.5-4)		fraction
11	Storage required in cubic feet (Line 4 x Line 10)		cubic-feet
12	Storage provided in the design, minimum(from the elevation that bypasses the biofiltration BMP, overflow elevation)		cubic-feet
13	Is Line 12 ≥ Line 11. If no increase storage provided until this criteria is met	☐ Yes	☐ No
Criteria 1: BMP Footprint Biofiltration Capacity			
14	Peak flow from the storage unit to the biofiltration BMP (using the elevation used to evaluate the percent capture)		cfs
15	Required biofiltration footprint [(3,600 x Line 14)/Line 7]		sq-ft
Criteria 2: Alternative Minimum Sizing Factor (Clogging)			
16	Alternative Minimum Footprint Sizing Factor [Line 11 of Worksheet B.5-2]		Fraction
17	Required biofiltration footprint [Line 3 x Line 16]		sq-ft
Criteria 3: Retention requirement [Not applicable for No Infiltration Condition]			
18	Conventional biofiltration footprint Line 28 of Worksheet B.5-1		sq-ft
19	Retention Losses from the conventional footprint (36 x Line 5 + Line 6 x Line 8) x Line 18		cubic-feet
20	Average discharge rate from the storage unit to the biofiltration BMP		cfs
21	Depth retained in the optimized biofiltration BMP {Line 6 x Line 8} + {[(Line 4)/(2400 x Line 20)] x Line 5}		ft
22	Required optimized biofiltration footprint (Line 19/Line 21)		sq-ft
Optimized Biofiltration Footprint			
23	Optimized biofiltration footprint, maximum(Line 15, Line 17, Line 22)		sq-ft

Note: Biofiltration BMP smaller than the alternative minimum footprint sizing (Line 17) is considered compact biofiltration BMP and may be allowed at the discretion of the City Engineer if the BMP meets the requirements in Appendix F and Option 1 or Option 2 sizing in Worksheet B.5-1.

Input Data Vault Preliminary Sizing

WQ 85th Percentile depth= 0.67 in

BMP Storage Volume Requirements:

Drawdown time (hrs)	Factor
9	0.72
12	0.85
24	1.25
36	1.5
48	1.8
72	2.2
96	2.6
120	2.8

Volume-Based Media loading rate **0.28** gpm/sf

Volume-Based Sizing

DMA ID	BMP Drainage Area (ac)	BMP Drainage Area (SF)	Impervious Area (ac)	Amended Soils (ac) (C=0.1)	% Impervious	Composite C1	DCV (AF)	Estimate Drawdown time (hr)	Capture Factor	BMP Capture Volume Reqd, (AF)	BMP Capture Volume Reqd, (CF)	Q_avg drawdown (cfs)	Q_avg drawdown (gpm)	BMP H (Treatment HGL) (ft)	Min Filter Perimeter P (ft)	Min Area Vault (SF)	Vault H (ft)	Area of Vault (ft^2)	BMP Capture Volume Provided, (CF)	Min WQ Depth (ft)	Orifice Depression (Drop below vault) (ft)	Bottom Orif size (in)	WQ Volume Drawdown (hours)	Max Q orifice (cfs)	Quantity of MWUs	MWU Size	Vault Volume (CF)
1A	2.67	116391	2.40	0.27	90%	0.82	0.122	12	0.85	0.10	4523	0.10	47.0	3.1	54.1	1459.1	4	1952	5660.8	2.32	0.2	2	12.1	0.186	1	MWU8-12	7808
2A	4.02	175055	3.65	0.37	91%	0.83	0.186	9	0.72	0.13	5819	0.18	80.6	4	72.0	1454.7	5	4500	17100	1.29	0.2	3.8	9.2	0.517	1	MWU8-20	22500

Drawdown Time (hours)	Storage requirement (below the overflow elevation, or below outlet elevation that bypass the biofiltration BMP)
12	0.85 DCV
24	1.25 DCV
36	1.50 DCV
48	1.80 DCV
72	2.20 DCV
96	2.60 DCV
120	2.80 DCV

PROJECT DESIGN CONSULTANTS

PLANNING | LANDSCAPE ARCHITECTURE
ENGINEERING | SURVEY

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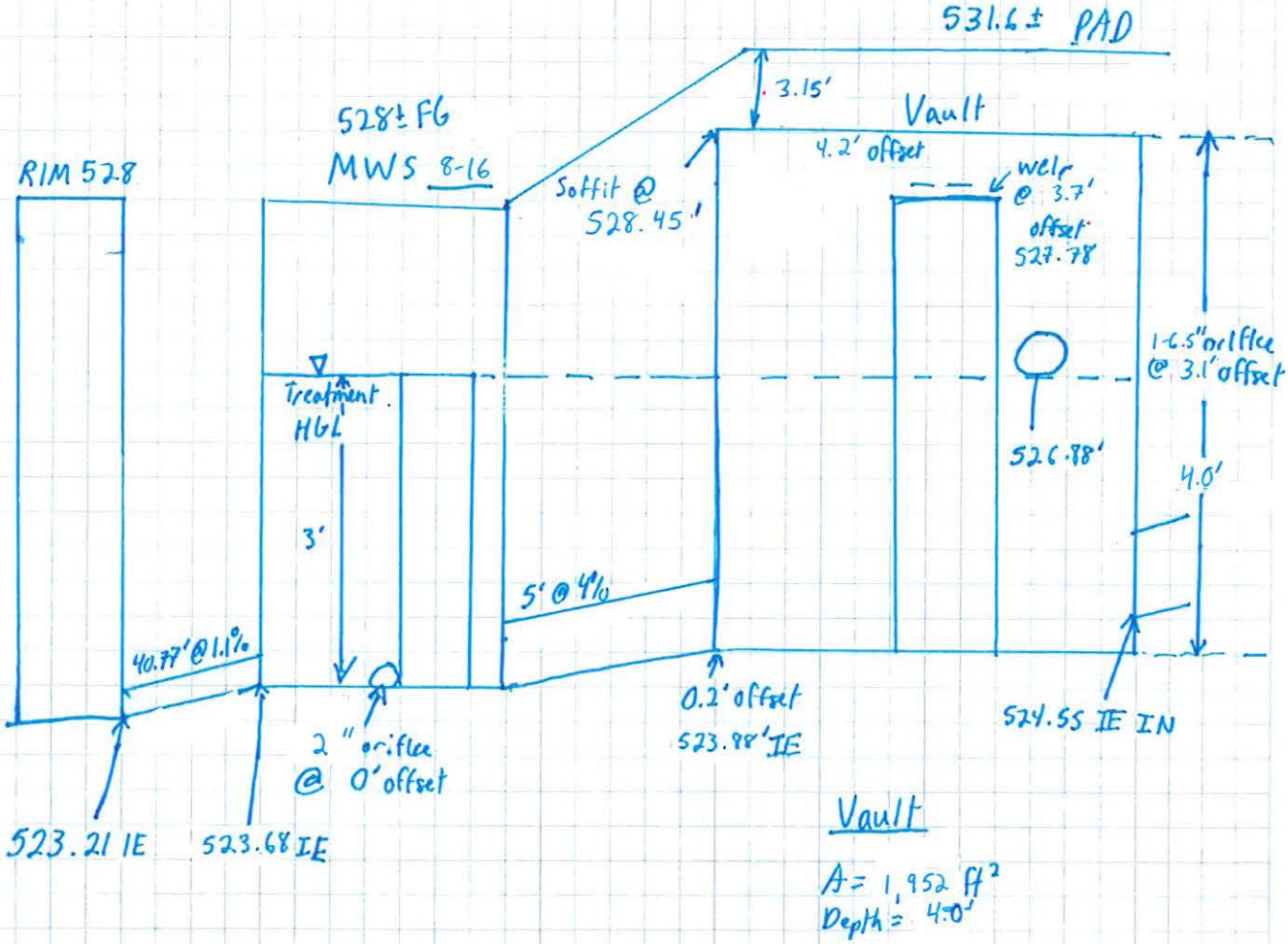
PROJECT Restaurant Row
SUBJECT BMP 1A+1B
PAGE : ____ OF ____ JOB NO. : 4457
DRAWN BY : JN DATE : ____
CHECKED BY : ____ DATE : ____

12 hr Drawdown



Vault

A = 1,952 ft²
Depth = 4.0'

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ENGINEERING | SURVEY

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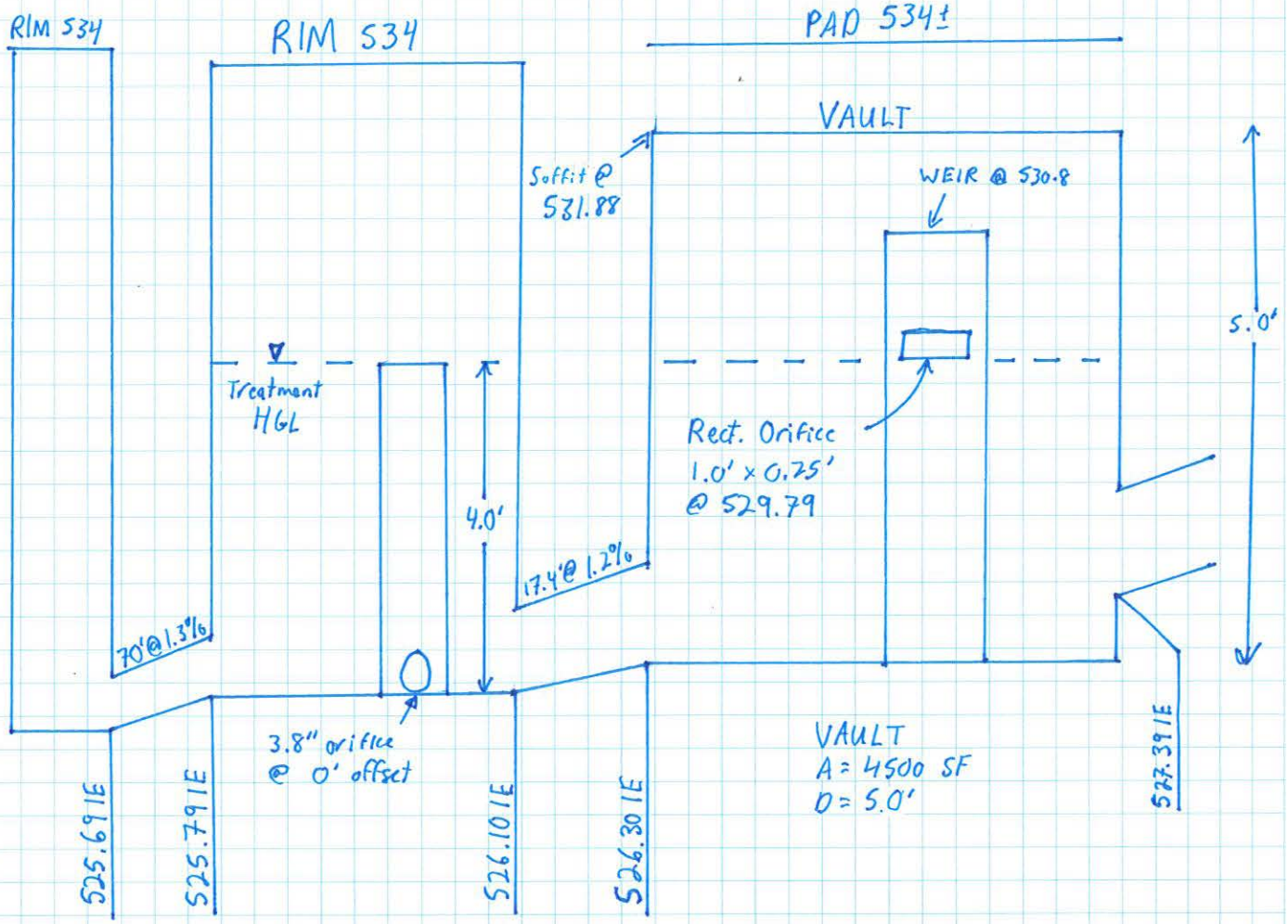
PROJECT Restaurant Row
SUBJECT BMP 2A+2B

PAGE : ____ OF ____ JOB NO. : 4457
DRAWN BY : J.N. DATE : ____
CHECKED BY : ____ DATE : ____

9 hr Drawdown



MWS
8-20
3.8" orifice

PROJECT DESIGN CONSULTANTS

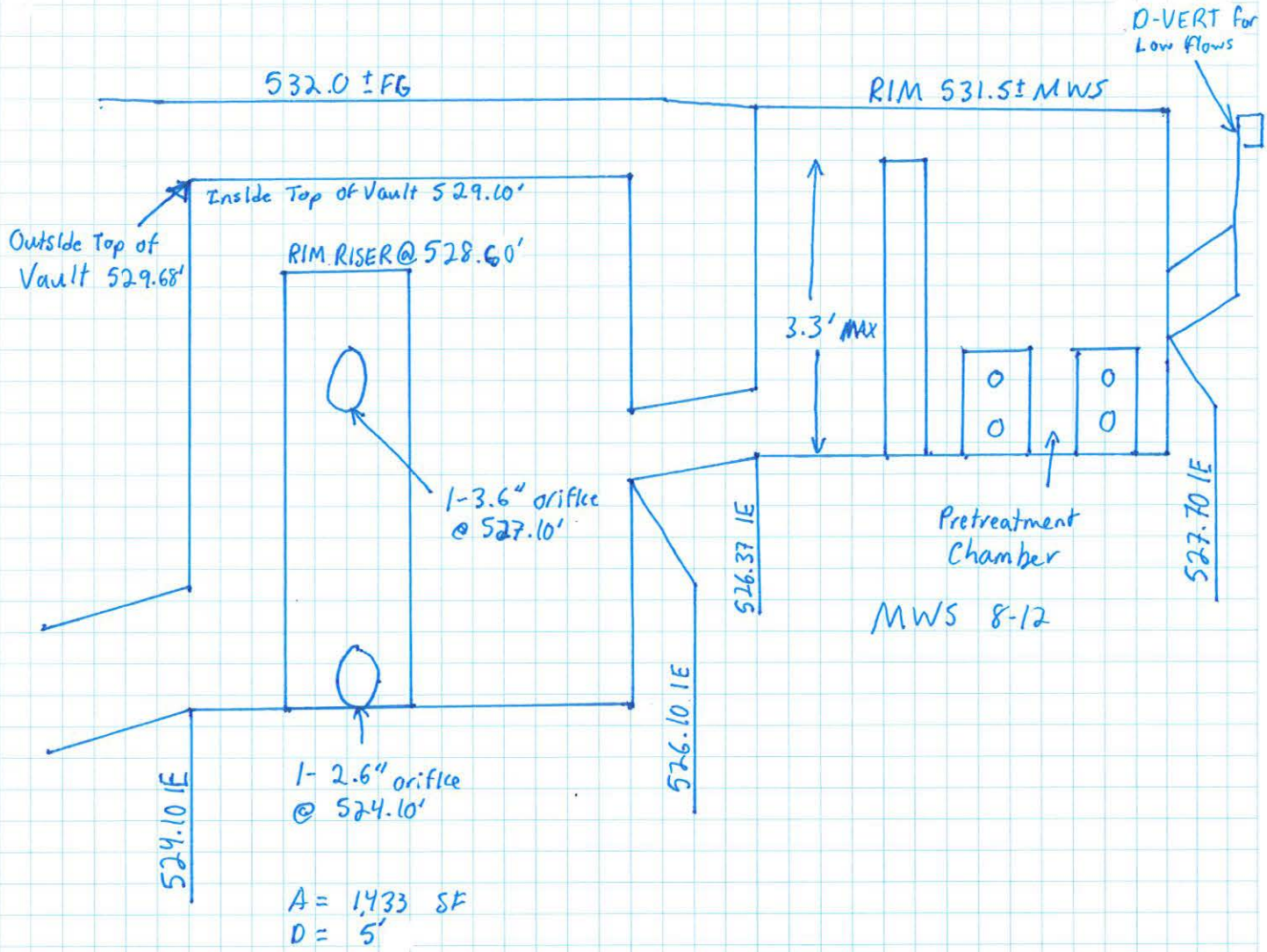
PLANNING | LANDSCAPE ARCHITECTURE
ENGINEERING | SURVEY

WWW.PROJECTDESIGN.COM

PROJECT Restaurant Row
SUBJECT BMP 3A + 3B

PAGE : _____ OF _____ JOB NO. : 4457
DRAWN BY : JN DATE : _____
CHECKED BY : _____ DATE : _____

24 hr Drawdown



A = 1,433 SF
D = 5'

Modular Wetland Sizing Calculations

85th percentile 24-hr storm depth from Figure B.1.= .67 in

BMP-ID	DCV	DCV retained	DCV biofiltered	DCV flow-thru	A (sf)	Impervious Area (sf)	%IMP	C	1.5 x Q (cfs)	Treatment Capacity (cfs)	Q100 (cfs)	BMP Size
BMP-3B	2016	0	0	2016	47406	39205	83%	0.76	0.249	0.346	4.5	MWS-L-8-12
BMP-4	3249	0	0	3249	64661	64661	100%	0.90	0.401	0.462	6.2	MWS-L-8-16
BMP-5	1884	0	0	1884	51120	35784	70%	0.66	0.232	0.346	4.9	MWS-L-8-8
BMP-6	3399	0	0	3399	71112	67200.8	95%	0.86	0.419	0.462	6.8	MWS-L-8-16
BMP-C	578	0	0	578	11511	11511	100%	0.90	0.071	0.102	1.1	MWS-L-4-8

Notes:

1. Water quality flow rate = 1.5 x 0.2 x C x A
2. Q100 is based on Hydrology Calculation in Drainage Report

SITE SPECIFIC DATA			
PROJECT NUMBER			
PROJECT NAME			
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
FLOW BASED (CFS)			
0.231			
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			OFFLINE
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE			
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION			
SURFACE LOAD	PEDESTRIAN		
NOTES:			

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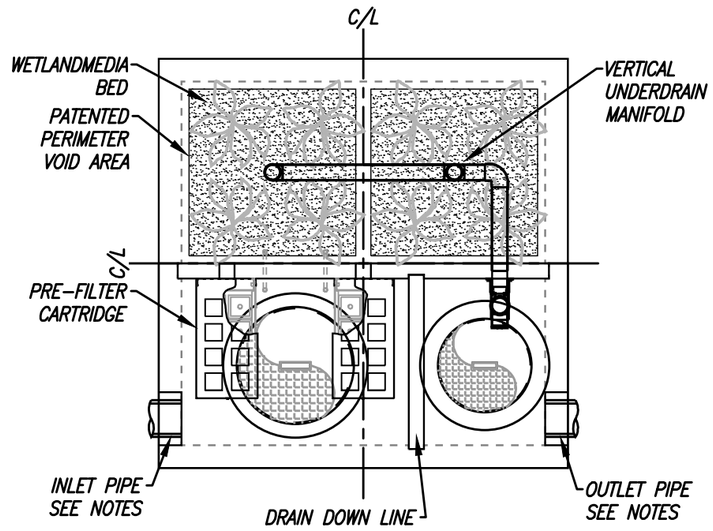
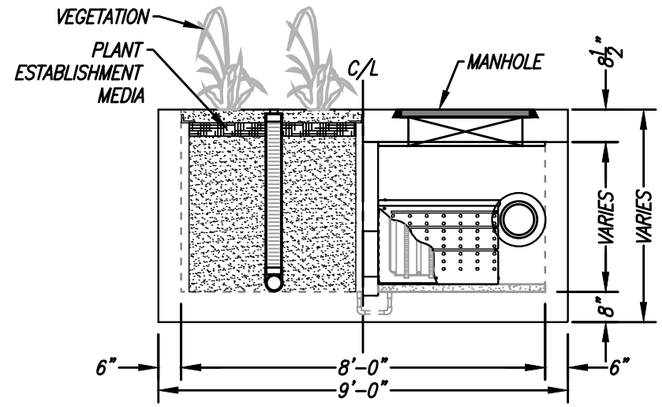


PLAN VIEW



LEFT END VIEW

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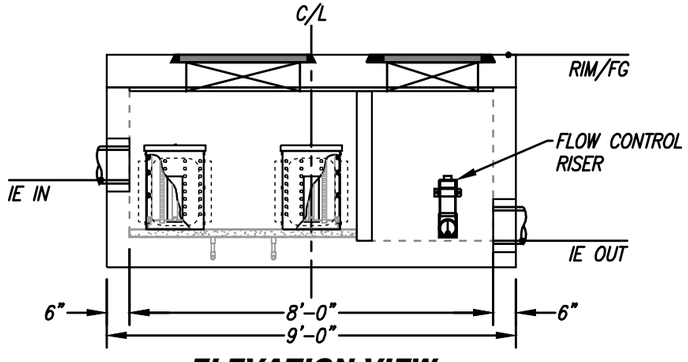
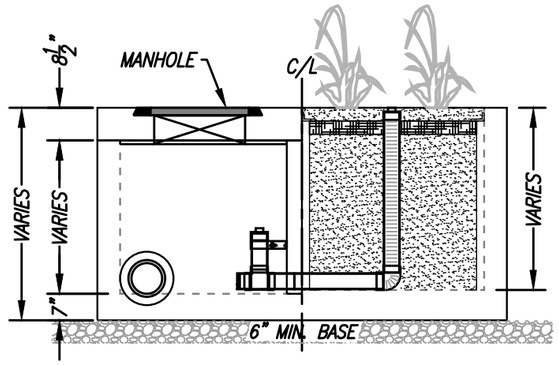


ELEVATION VIEW



RIGHT END VIEW

TREATMENT FLOW (CFS)	0.231
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

MODULAR WETLANDS
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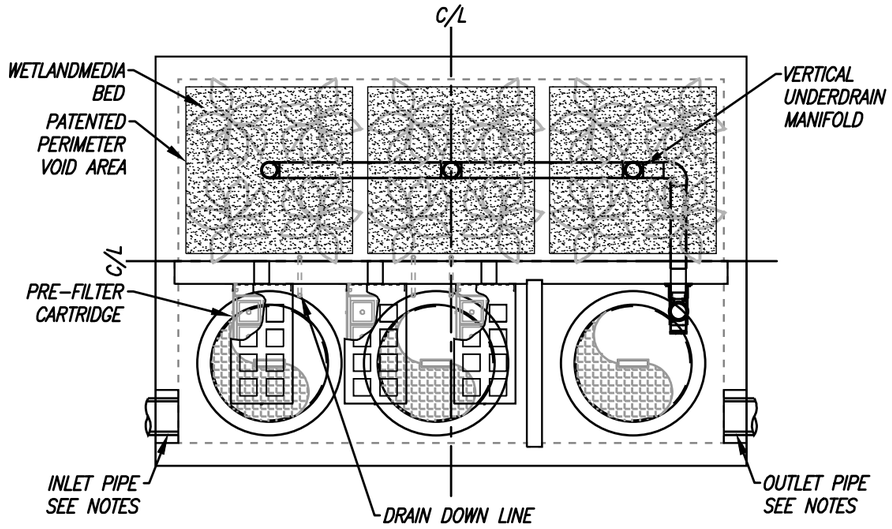
CONTECH ENGINEERED SOLUTIONS LLC
www.ContechES.com

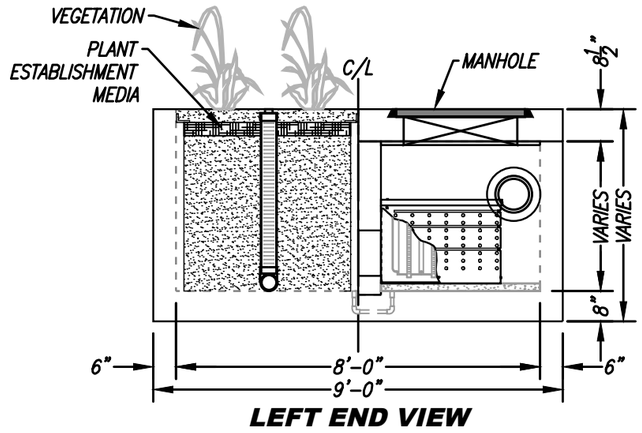
MWS-L-8-8-V
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

SITE SPECIFIC DATA			
PROJECT NUMBER			
PROJECT NAME			
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
FLOW BASED (CFS)			
0.346			
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			OFFLINE
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE			
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION			
SURFACE LOAD	PEDESTRIAN		
NOTES:			

* PRELIMINARY NOT FOR CONSTRUCTION



PLAN VIEW



LEFT END VIEW

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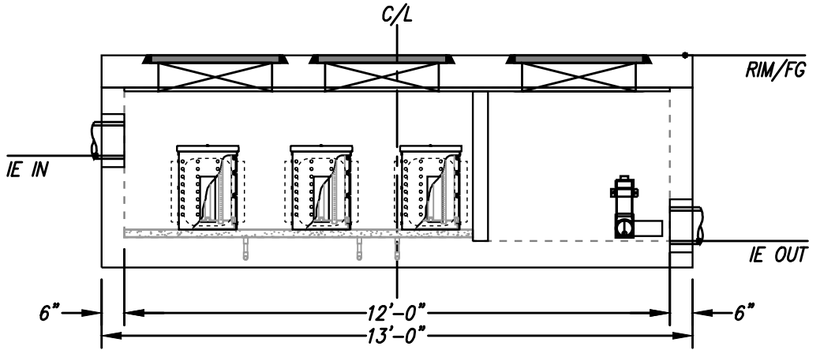
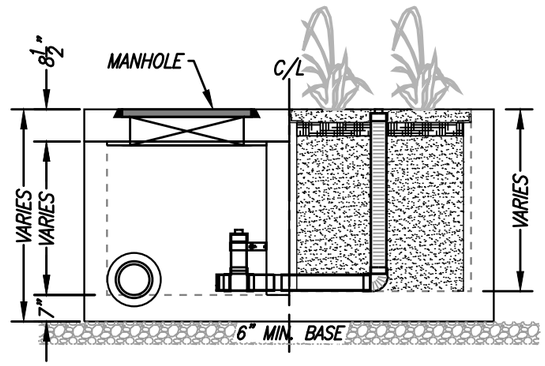


ELEVATION VIEW



RIGHT END VIEW

TREATMENT FLOW (CFS)	0.346
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

MODULAR WETLANDS
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CONTECH ENGINEERED SOLUTIONS LLC
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MWS-L-8-12-V
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

SITE SPECIFIC DATA			
PROJECT NUMBER			
PROJECT NAME	San Luis Rey		
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
FLOW BASED (CFS)			
0.462			
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			OFFLINE
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE			
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION			
SURFACE LOAD	PEDESTRIAN		
NOTES:			

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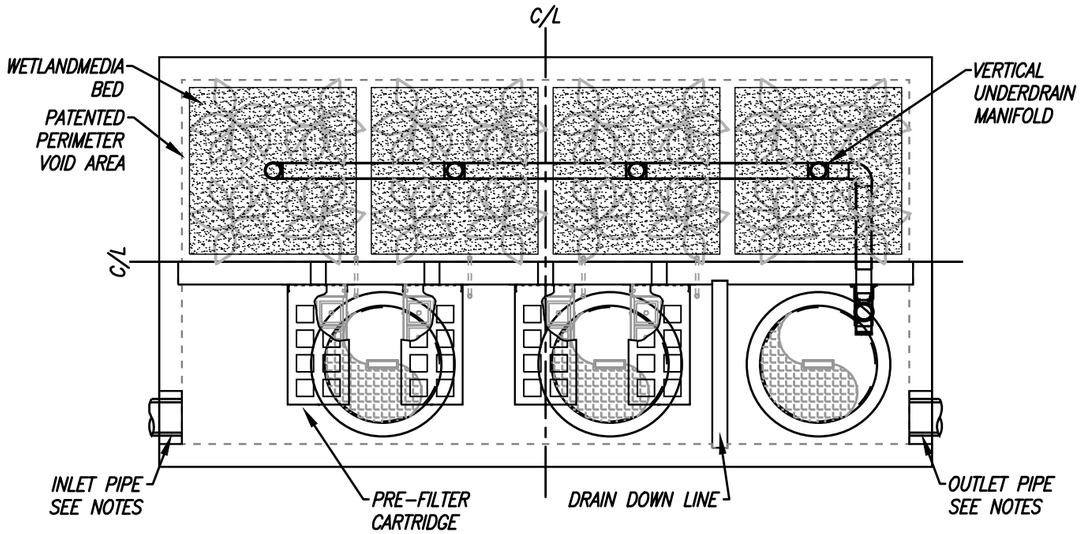
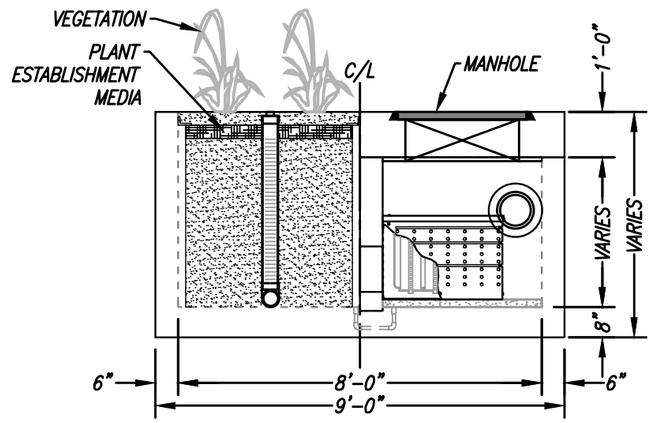


PLAN VIEW



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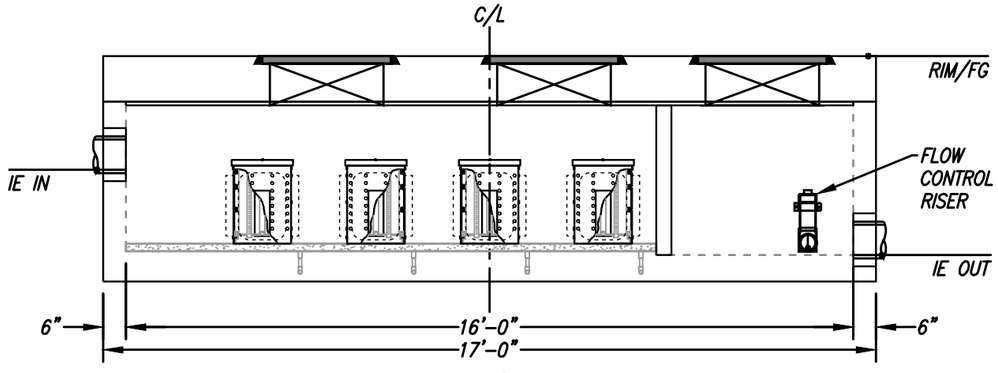
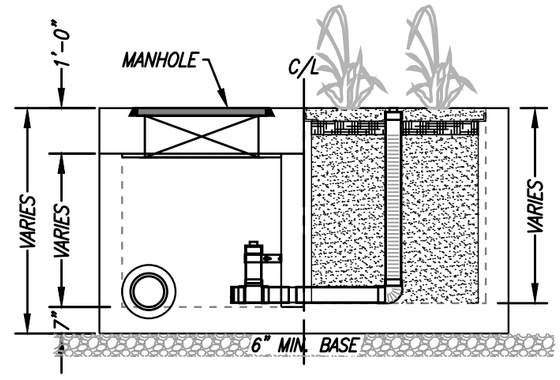


ELEVATION VIEW



RIGHT END VIEW

TREATMENT FLOW (CFS)	0.462
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

MODULAR WETLANDS
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CONTECH ENGINEERED SOLUTIONS LLC
www.ContechES.com

MWS-L-8-16-V
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

SITE SPECIFIC DATA			
PROJECT NUMBER			
PROJECT NAME			
PROJECT LOCATION			
STRUCTURE ID			
TREATMENT REQUIRED			
FLOW BASED (CFS)			
0.577			
PEAK BYPASS REQUIRED (CFS) – IF APPLICABLE			OFFLINE
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2	N/A	N/A	N/A
OUTLET PIPE			
	PRETREATMENT	BIOFILTRATION	DISCHARGE
RIM ELEVATION			
SURFACE LOAD	PEDESTRIAN		
NOTES:			

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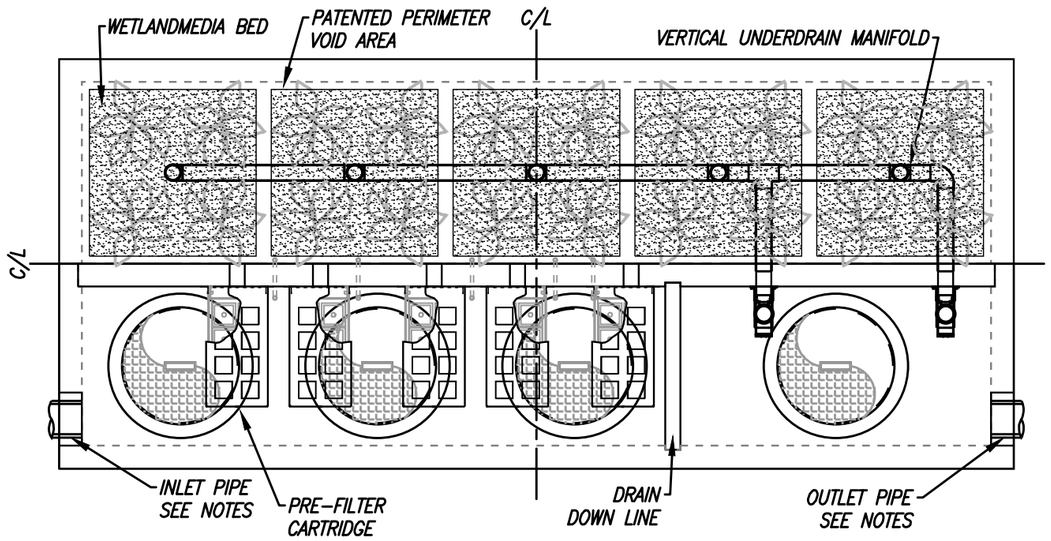
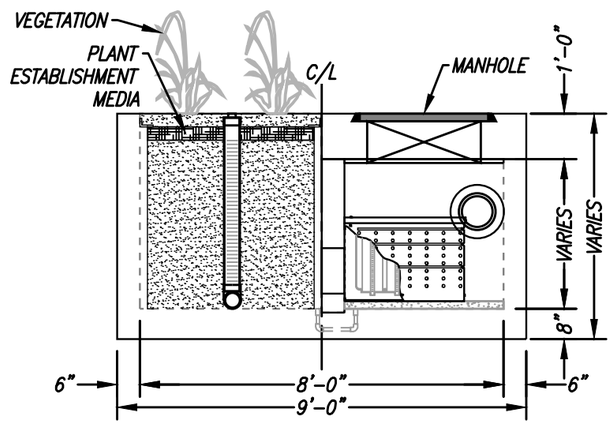


PLAN VIEW



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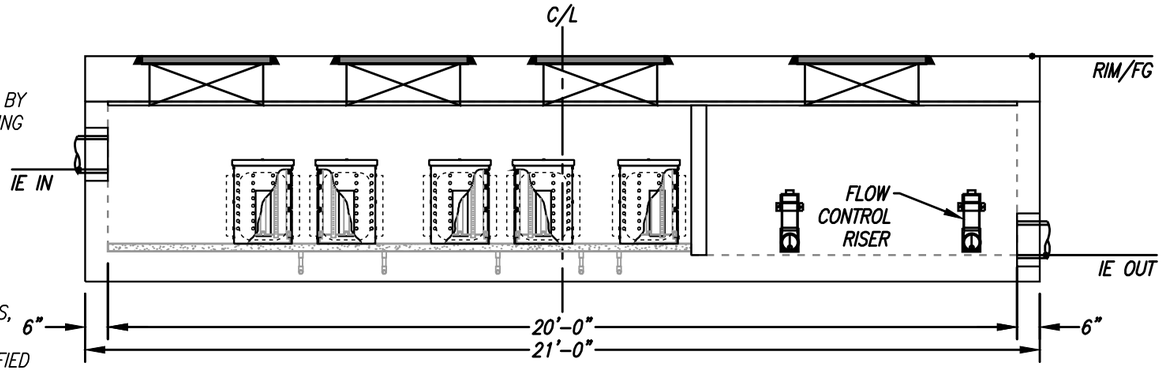

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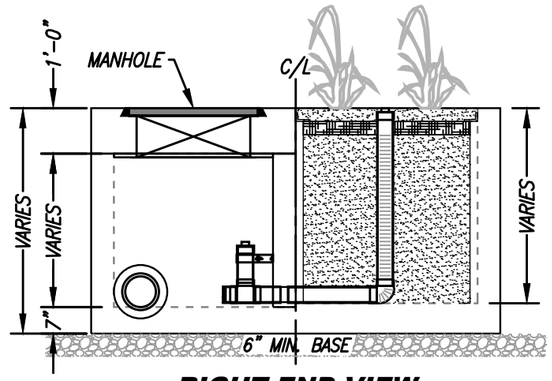

RIGHT END VIEW

TREATMENT FLOW (CFS)	0.577
OPERATING HEAD (FT)	3.4
PRETREATMENT LOADING RATE (GPM/SF)	2.0
WETLAND MEDIA LOADING RATE (GPM/SF)	1.0

MODULAR WETLANDS
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CONTECH ENGINEERED SOLUTIONS LLC
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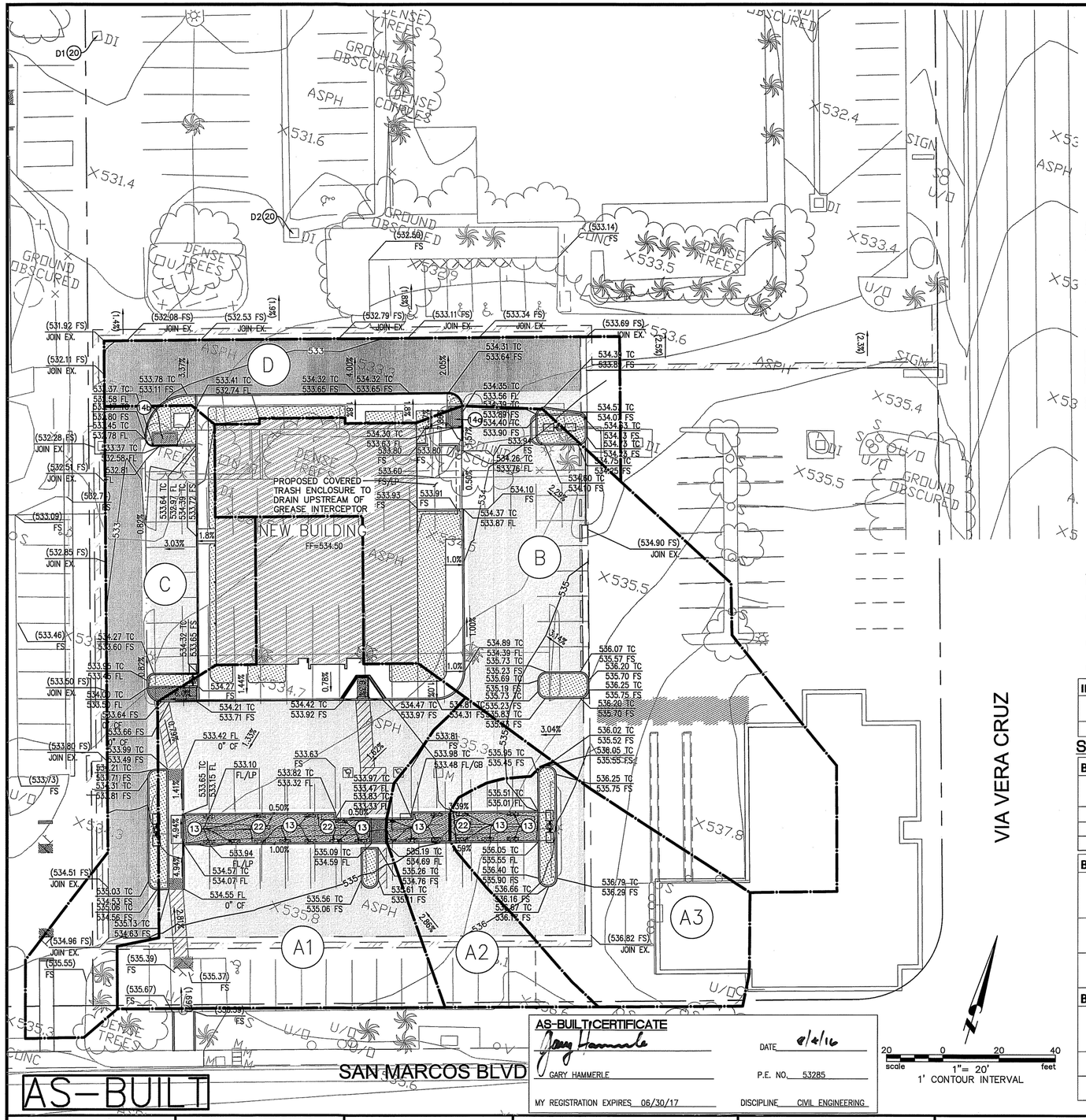
MWS-L-8-20-V
STORMWATER BIOFILTRATION SYSTEM
STANDARD DETAIL

MWS Linear 2.0 HGL Volume Sizing Matrix - 24 Hour Draindown

MWS MODEL SIZE	WETLAND PERMITER LENGTH (FEET)	LOADING RATE		DRAIN DOWN (HOURS)	AVALIABLE TREATMENT HGL HEIGHT (FEET)																												
						SHALLOW MODELS																				STANDARD HEIGHT MODEL	HIGH CAPACITY MODELS								
		INCH/HR	GPM/SF			1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	4.00	4.50	5.00	5.50	6.00	6.50	7.00
MWS-L-4-4	6.70	26	0.26	24	CF	470	503	537	570	604	637	671	704	738	771	805	838	872	906	939	973	1006	1040	1073	1107	**1140**	1174	1207	1342	1509	1677	1845	2012	2180	2348
					DISCHARGE RATE GPM	*2.439*	*2.613*	*2.787*	*2.961*	*3.136*	*3.310*	*3.484*	*3.658*	*3.832*	*4.007*	*4.181*	*4.355*	*4.529*	*4.703*	*4.878*	*5.052*	*5.226*	*5.400*	*5.574*	*5.749*	***5.923***	*6.097*	*6.271*	*6.968*	*7.839*	*8.710*	*9.581*	*10.452*	*11.323*	*12.194*
MWS-L-4-6	9.30	26	0.26	24	CF	652	698	745	791	838	885	931	978	1024	1071	1117	1164	1210	1257	1303	1350	1397	1443	1490	1536	**1583**	1629	1676	1862	2095	2328	2560	2793	3026	3259
					DISCHARGE RATE GPM	*3.385*	*3.627*	*3.869*	*4.111*	*4.352*	*4.594*	*4.836*	*5.078*	*5.320*	*5.561*	*5.803*	*6.045*	*6.287*	*6.529*	*6.770*	*7.012*	*7.254*	*7.496*	*7.738*	*7.979*	***8.221***	*8.463*	*8.705*	*9.672*	*10.881*	*12.090*	*13.299*	*14.508*	*15.717*	*16.926*
MWS-L-4-8	14.80	26	0.26	24	CF	1037	1111	1185	1259	1334	1408	1482	1556	1630	1704	1778	1852	1926	2000	2074	2148	2223	2297	2371	2445	**2519**	2593	2667	2963	3334	3704	4075	4445	4816	5186
					DISCHARGE RATE GPM	*5.387*	*5.772*	*6.157*	*6.542*	*6.926*	*7.311*	*7.696*	*8.081*	*8.466*	*8.850*	*9.235*	*9.620*	*10.005*	*10.390*	*10.774*	*11.159*	*11.544*	*11.929*	*12.314*	*12.698*	***13.083***	*13.468*	*13.853*	*15.392*	*17.316*	*19.240*	*21.164*	*23.088*	*25.012*	*26.936*
MWS-L-4-13	18.40	26	0.26	24	CF	1289	1382	1474	1566	1658	1750	1842	1934	2026	2118	2211	2303	2395	2487	2579	2671	2763	2855	2947	3039	**3132**	3224	3316	3684	4145	4605	5066	5526	5987	6447
					DISCHARGE RATE GPM	*6.698*	*7.176*	*7.654*	*8.133*	*8.611*	*9.090*	*9.568*	*10.046*	*10.525*	*11.003*	*11.482*	*11.960*	*12.438*	*12.917*	*13.395*	*13.874*	*14.352*	*14.830*	*15.309*	*15.787*	***16.266***	*16.744*	*17.222*	*19.136*	*21.528*	*23.920*	*26.312*	*28.704*	*31.096*	*33.488*
MWS-L-4-15	22.40	26	0.26	24	CF	1570	1682	1794	1906	2018	2130	2243	2355	2467	2579	2691	2803	2915	3027	3140	3252	3364	3476	3588	3700	**3812**	3924	4037	4485	5046	5606	6167	6728	7288	7849
					DISCHARGE RATE GPM	*8.154*	*8.736*	*9.318*	*9.901*	*10.483*	*11.066*	*11.648*	*12.230*	*12.813*	*13.395*	*13.978*	*14.560*	*15.142*	*15.725*	*16.307*	*16.890*	*17.472*	*18.054*	*18.637*	*19.219*	***19.802***	*20.384*	*20.966*	*23.296*	*26.208*	*29.120*	*32.032*	*34.944*	*37.856*	*40.768*
MWS-L-4-17	26.40	26	0.26	24	CF	1850	1982	2114	2247	2379	2511	2643	2775	2907	3039	3172	3304	3436	3568	3700	3832	3965	4097	4229	4361	**4493**	4625	4757	5286	5947	6608	7268	7929	8590	9251
					DISCHARGE RATE GPM	*9.610*	*10.296*	*10.982*	*11.669*	*12.355*	*13.042*	*13.728*	*14.414*	*15.101*	*15.787*	*16.474*	*17.160*	*17.846*	*18.533*	*19.219*	*19.906*	*20.592*	*21.278*	*21.965*	*22.651*	***23.338***	*24.024*	*24.710*	*27.456*	*30.888*	*34.320*	*37.752*	*41.184*	*44.616*	*48.048*
MWS-L-4-19	30.40	26	0.26	24	CF	2130	2283	2435	2587	2739	2891	3043	3196	3348	3500	3652	3804	3957	4109	4261	4413	4565	4717	4870	5022	**5174**	5326	5478	6087	6848	7609	8370	9130	9891	10652
					DISCHARGE RATE GPM	*11.066*	*11.856*	*12.646*	*13.437*	*14.227*	*15.018*	*15.808*	*16.598*	*17.389*	*18.179*	*18.970*	*19.760*	*20.550*	*21.341*	*22.131*	*22.922*	*23.712*	*24.502*	*25.293*	*26.083*	***26.874***	*27.664*	*28.454*	*31.616*	*35.568*	*39.520*	*43.472*	*47.424*	*51.376*	*55.328*
MWS-L-4-21	34.40	26	0.26	24	CF	2411	2583	2755	2927	3100	3272	3444	3616	3788	3961	4133	4305	4477	4649	4822	4994	5166	5338	5510	5683	**5855**	6027	6199	6888	7749	8610	9471	10332	11193	12054
					DISCHARGE RATE GPM	*12.522*	*13.416*	*14.310*	*15.205*	*16.099*	*16.994*	*17.888*	*18.782*	*19.677*	*20.571*	*21.466*	*22.360*	*23.254*	*24.149*	*25.043*	*25.938*	*26.832*	*27.726*	*28.621*	*29.515*	***30.410***	*31.304*	*32.198*	*35.776*	*40.248*	*44.720*	*49.192*	*53.664*	*58.136*	*62.608*
MWS-L-6-8	18.80	26	0.26	24	CF	1318	1412	1506	1600	1694	1788	1882	1976	2070	2164	2259	2353	2447	2541	2635	2729	2823	2917	3011	3106	**3200**	3294	3388	3764	4235	4705	5176	5646	6117	6588
					DISCHARGE RATE GPM	*6.843*	*7.332*	*7.821*	*8.310*	*8.798*	*9.287*	*9.776*	*10.265*	*10.754*	*11.242*	*11.731*	*12.220*	*12.709*	*13.198*	*13.686*	*14.175*	*14.664*	*15.153*	*15.642*	*16.130*	***16.619***	*17.108*	*17.597*	*19.552*	*21.996*	*24.440*	*26.884*	*29.328*	*31.772*	*34.216*
MWS-L-8-8	29.60	26	0.26	24	CF	2074	2223	2371	2519	2667	2815	2963	3112	3260	3408	3556	3704	3852	4001	4149	4297	4445	4593	4741	4890	**5038**	5186	5334	5927	6668	7408	8149	8890	9631	10372
					DISCHARGE RATE GPM	*10.774*	*11.544*	*12.314*	*13.083*	*13.853*	*14.622*	*15.392*	*16.162*	*16.931*	*17.701*	*18.470*	*19.240*	*20.010*	*20.779*	*21.549*	*22.318*	*23.088*	*23.858*	*24.627*	*25.397*	***26.166***	*26.936*	*27.706*	*30.784*	*34.632*	*38.480*	*42.328*	*46.176*	*50.024*	*53.872*
MWS-L-8-12	44.40	26	0.26	24	CF	3112	3334	3556	3778	4001	4223	4445	4667	4890	5112	5334	5556	5779	6001	6223	6445	6668	6890	7112	7334	**7557**	7779	8001	8890	10001	11113	12224	13335	14447	15558
					DISCHARGE RATE GPM	*16.162*	*17.316*	*18.470*	*19.625*	*20.779*	*21.934*	*23.088*	*24.242*	*25.397*	*26.551*	*27.706*	*28.860*	*30.014*	*31.169*	*32.323*	*33.478*	*34.632*	*35.786*	*36.941*	*38.095*	***39.250***	*40.404*	*41.558*	*46.176*	*51.948*	*57.720*	*63.492*	*69.264*	*75.036*	*80.808*
MWS-L-8-16	59.20	26	0.26	24	CF	4149	4445	4741	5038	5334	5630	5927	6223	6519	6816	7112	7408	7705	8001	8297	8594	8890	9187	9483	9779	**10076**	10372	10668	11854	13335	14817	16299	17780	19262	20744
					DISCHARGE RATE GPM	*21.549*	*23.088*	*24.627*	*26.166*	*27.706*	*29.245*	*30.784*	*32.323*	*33.862*	*35.402*	*36.941*	*38.480*	*40.019*	*41.558*	*43.098*	*44.637*	*46.176*	*47.715*	*49.254*	*50.794*	***52.333***	*53.872*	*55.411*	*61.568*	*69.264*	*76.960*	*84.656*	*92.352*	*100.048*	*107.744*
MWS-L-8-20	74.00	26	0.26	24	CF	5186	5556	5927	6297	6668	7038	7408	7779	8149	8520	8890	9261	9631	10001	10372	10742	11113	11483	11854	12224	**12594**	12965	13335	14817	16669	18521	20373	22225	24078	25930
					DISCHARGE RATE GPM	*26.936*	*28.860*	*30.784*	*32.708*	*34.632*	*36.556*	*38.480*	*40.404*	*42.328*	*44.252*	*46.176*	*48.100*	*50.024*	*51.948*	*53.872*	*55.796*	*57.720*	*59.644*	*61.568*	*63.492*	***65.416***	*67.340*	*69.264*	*76.960*	*86.580*	*96.200*	*105.820*	*115.440*	*125.060*	*134.680*
MWS-L-8-24 OR MWS-L-10-20	88.80	26	0.26	24	CF	6223	6668	7112	7557	8001	8446	8890	9335	9779	10224	10668	11113	11557	12002	12446	12891	13335	13780	14224	14669	**15113**	15558	16002	17780	20003	22225	24448	26671	28893	31116
					DISCHARGE RATE GPM	*32.323*	*34.632*	*36.941*	*39.250*	*41.558*	*43.867*	*46.176*	*48.485*	*50.794*	*53.102*	*55.411*	*57.720*	*60.029*	*62.338*	*64.646*	*66.955*	*69.264*	*71.573*	*73.882*	*76.190*	***78.499***	*80.808*	*83.117*	*92.352*	*103.896*	*115.440*	*126.984*	*138.528*	*150.072*	*161.616*



SOURCE CONTROL BMPS

SOURCE CONTROL BMPS	PROJECT IMPLEMENTATION	PERMIT COMPLIANCE MET
ON-SITE/FUTURE STORM DRAIN INLETS	MARK ALL INLETS WITH THE WORDS "NO DUMPING! DRAINS TO WATERWAYS" AND "NO CONTAMINE" IN SPANISH. (X LOCATIONS SEE DETAIL HEREON)	YES
LANDSCAPE/OUTDOOR PESTICIDE USE	LANDSCAPING HAS BEEN DESIGNED TO MINIMIZE IRRIGATION AND RUNOFF, AND TO MINIMIZE THE USE OF FERTILIZERS AND PESTICIDES THAT CAN CONRIBUTE TO STORM WATER.	YES
SIDEWALKS AND PARKING LOTS	SIDEWALKS AND PARKING LOTS SHALL BE SWEPT REGULARLY TO PREVENT THE ACCUMULATION OF LITTER AND DEBRIS. LITTER AND DEBRIS FROM PRESSURE WASHING WILL BE COLLECTED TO PREVENT ENTRY INTO THE STORM DRAIN SYSTEM. WASH WATER CONTAINING ANY CLEANING AGENT OR THE GREASER SHALL BE COLLECTED AND DISCHARGED TO THE SANITARY SEWER AND NOT DISCHARGED TO A STORMDRAIN	YES
TRASH ENCLOSURE (REFUSE AREA)	TRASH ENCLOSURE AREA SHALL BE COVERED AND SWEPT REGULARLY TO PREVENT THE ACCUMULATION OF LITTER AND DEBRIS. TRASH ENCLOSURE SHALL DRAIN TO PROJECT SANITARY SEWER SYSTEM UPSTREAM OF PROPOSED GREASE INTERCEPTOR. RUNON AND RUNOFF TO/FROM THE TRASH ENCLOSURE SHALL BE MINIMIZED BY CREATING A RIDGE WITHIN. ADJACENT STORM FLOWS WITHIN PARKING LOT SHALL NOT COMINGLE WITH ANY FLOWS WITHIN THE TRASH ENCLOSURE. SIGNS SHALL BE POSTED "DO NOT DUMP HAZARDOUS MATERIALS HERE" AND "NO HAZARDOUS MATERIALS".	YES

SITE DESIGN LID

THIS PROJECT INCORPORATES THE FOLLOWING LID STRATEGIES:

1. OPTIMIZING THE SITE LAYOUT
   - –DETAIN AND RETAIN RUNOFF THROUGHOUT THE SITE
   - –MINIMIZE IMPERVIOUS/DIRECTLY CONNECTED IMPERVIOUS AREAS
2. DIRECT RUNOFF FROM IMPERVIOUS AREAS TO BIORETENTION AND BIOFILTRATION FACILITIES
3. TRASH ENCLOSURE AREA SHALL BE COVERED AND WILL DRAIN TO PROPOSED SEWER SYSTEM UPSTREAM OF GREASE INTERCEPTOR. FLOWS WILL NOT COMINGLE WITH ADJACENT SURFACE STORM FLOWS.
4. ROOF DRAINS SHALL EITHER DRAIN TO BIORETENTION AREA VIA SHEET FLOW OR TO BIOFILTRATION UNITS VIA STORM DRAIN LINE.

POST-PROJECT DMA CALCULATIONS

PROJECT NAME: OLD CALIFORNIA RESTAURANT ROW – BUFFALO WILD WINGS
PROJECT LOCATION: NORTHWEST CORNER OF SAN MARCOS BOULEVARD AND VIA VERA CRUZ, SAN MARCOS, CA 92078
SOIL TYPE: D (BASED ON SAN DIEGO COUNTY SOIL MAP HYDROLOGY MANUAL)
TOTAL AREA: 0.86 ACRES

CITY STANDARD CURB MARKER #NDW AVAILABLE AT:
CITY OF SAN MARCOS &
dasmanufacturing.com/storm_drain.html
3 INCHES X 5.25 INCHES ROUNDED CORNER RECTANGLES
(OR CITY APPROVED EQUAL)

DRAIN INLET MARKER
NOT TO SCALE

ANTICIPATED POLLUTANTS REMOVAL EFFICIENCY

POLLUTANTS	BIORETENTION
SEDIMENTS	HIGH
NUTRIENTS	HIGH
TRASH	HIGH
METALS	HIGH
BACTERIA	MEDIUM
OIL AND GREASE	HIGH
ORGANICS	HIGH
OXYGEN DEMANDING	HIGH

POLLUTANTS	INLET FILTERS
TOTAL SUSPENDED SOLIDS	80%
TOTAL PHOSPHORUS	40%
OIL AND GREASE	70%

POLLUTANTS	BIOFILTRATION
TOTAL SUSPENDED SOLIDS	85%
TOTAL PHOSPHORUS	64%
ORTHO PHOSPHORUS	67%
NITROGEN	45%
DISSOLVED ZINC	66%
DISSOLVED COPPER	38%
TOTAL ZINC	69%
TOTAL COPPER	50%
MOTOR OIL	95%

WATER QUALITY CONSTRUCTION NOTES

(13) CONSTRUCT CURB OPENING PER DETAIL 13 ON SHEET 5
(14a) INSTALL CURB OPENING MODULAR WETLANDS CATCH BASIN MODEL NO. MWS-L-4-6.5-C WITH DRAIN INLET MARKER PER DETAIL ON SHEET 13
(14b) INSTALL CURB OPENING MODULAR WETLANDS CATCH BASIN MODEL NO. MWS-L-4-8-C WITH DRAIN INLET MARKER PER DETAIL ON SHEET 13
(20) INSTALL KRISTAR FLOGARD CATCH BASIN INLET FILTER MODEL NO. FGP-24FB WITH HYDROCARBON ABSORBANT FOR GREASE AND OIL REMOVAL WITH DRAIN INLET MARKER PER DETAIL ON SHEET 13
(22) CONSTRUCT BIORETENTION BASIN WITH UNDERDRAIN IN ACCORDANCE WITH SAN DIEGO COUNTY SUSMP MANUAL AND DETAIL 22 ON SHEET 14

LEGEND

- AC PAVEMENT, PCC PAVEMENT, BUILDING — IMPERVIOUS AREAS
- LANDSCAPING, BIORETENTION STRIP, MODULAR WETLANDS — PERVIOUS AREAS
- SAWCUT LINE
- SAWCUT LINE
- DMA BOUNDARY
- (A) DMA AREA

IMP = BIORETENTION STRIP

DMA NAME	AREA (AC)	SURFACE TYPE	IMP NAME	IMP AREA (AC)
A	0.53	ASPHALT PAVEMENT	A	0.0212

SUSMP MITIGATION SUMMARY

BMP = BIORETENTION

BMP	LATTITUDE	LONGITUDE	BMP ID NO.	APN	TRIBUTARY AREA (AC)	REQUIRED SIZE (SF)	ACTUAL SIZE (SF)	MANUFACTURER	PERMIT COMPLIANCE MET
A1	33.134899	-117.188902	2973	219-200-46-00	0.31	540	545	N/A	YES
A2	33.134899	-117.188902	2973	219-200-46-00	0.08	145	153	N/A	YES
A3	33.134899	-117.188902	2973	219-200-46-00	0.14	235	240	N/A	YES

BMP = BIOFILTRATION

BMP	LATTITUDE	LONGITUDE	BMP ID NO.	APN	TRIBUTARY AREA (AC)	WATER QUALITY FLOW (CFS)	TOTAL FLOW (CFS) 10 YR / 100 YR	SIZE (SF)	MANUFACTURER / MODEL NO.	TREATMENT CAPACITY (CFS)	PERMIT COMPLIANCE MET
B	33.135334	-117.188766	2974	219-200-46-00	0.42	0.073		(4' x 6.5') 26	MODULAR WETLANDS / MWS-L-4-6.5-C	0.073	YES
C	33.135235	-117.189243	2975	219-200-46-00	0.18	0.031		(4' x 8') 32	MODULAR WETLANDS / MWS-L-4-8-C	0.102	YES

BMP = INLET FILTER

BMP	LATTITUDE	LONGITUDE	BMP ID NO.	APN	TRIBUTARY AREA (AC)	WATER QUALITY FLOW (CFS)	TOTAL FLOW (CFS) 10 YR / 100 YR	SIZE (SF)	MANUFACTURER / MODEL NO.	TREATMENT CAPACITY (CFS)	PERMIT COMPLIANCE MET
D1	33.135462	-117.189159	2976	219-200-46-00	0.05	0.010		2' x 2'	KRISTAR / FGP-24F8	0.85	YES
D2	33.135590	-117.18943	2977		0.07	0.011		2' x 2'	KRISTAR / FGP-24F8	0.85	YES

AS-BUILT CERTIFICATE

Gary Hammerle — DATE 8/4/16

GARY HAMMERLE — P.E. NO. 53285

MY REGISTRATION EXPIRES 06/30/17 — DISCIPLINE CIVIL ENGINEERING

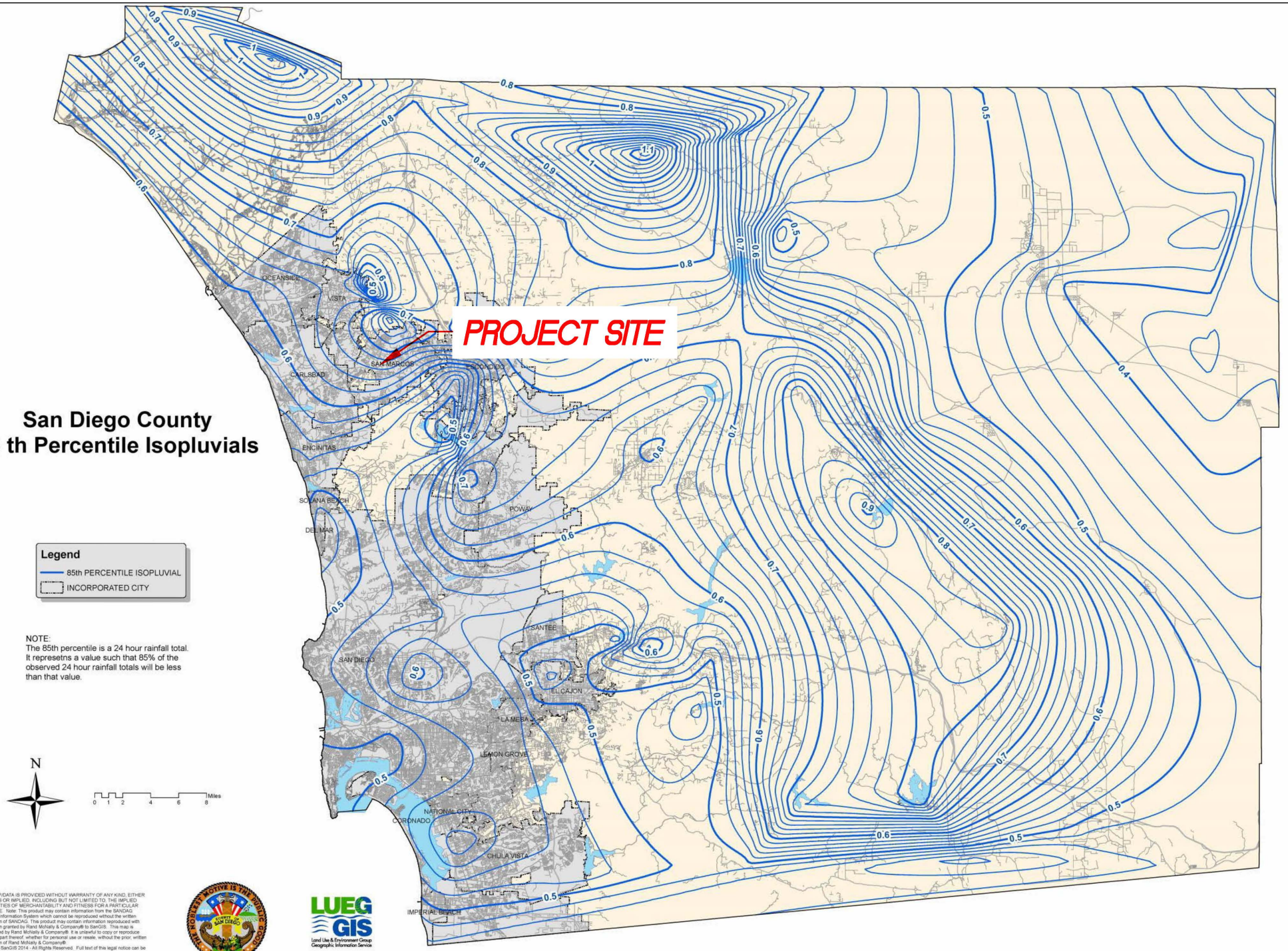
scale 1" = 20' — 20 0 20 40 feet — 1' CONTOUR INTERVAL

VWD PRESSURE: 855 — VWD WO–152099

SAN MARCOS FIRE DEPARTMENT	VALLECITOS WATER DISTRICT	ENGINEER OF WORK	CITY APPROVED CHANGES	RECOMMENDED FOR APPROVAL	APPROVED FOR CONSTRUCTION	BENCH MARK	CITY OF SAN MARCOS ENGINEERING DIVISION	CITY DRAWING NO.
By: ROBERT SCOTT, FIRE MARSHALL Date:	By: JAMES H. GUMPEL–DISTRICT ENGINEER R.C.E.: C60160 exp.: 06/2016 Date:	By: Gary Hammerle Date: 08/04/16 Name: GARY HAMMERLE R.C.E.: 53285 exp: 06/30/2017	No. Description App'd By Date	By: PETER KUEY, PRINCIPAL CIVIL ENGINEER R.C.E.: 44034 exp.: 06/30/17 Date:	By: MATT LITTLE, CITY ENGINEER R.C.E.: 60569 exp.: 12/31/16 Date:	Description: 1 ½" BRASS MONUMENT MARKED "HILL LS 4088 GPS 63" Location: INTERSECTION OF LINDA VISTA DRIVE AND LAS POSAS ROAD, TOP CURB NORTH END OF NE CURB Record From: Elev.: 528.087 Datum: NAVD 88	PRECISE GRADING PLANS FOR: BUFFALO WILD WINGS	GP–2481 Sheet 13 of 14

DRAWING NUMBER
GP-2481
DRAWING NUMBER
AS-BUILT
DRAWING NUMBER

SAFDIE RABINES ARCHITECTS • NEW HOPE, MINNESOTA
PROPERTY OF PART NUMBER ROSE
POSITIVE USE OF PRINT ON THIS LINE



San Diego County
85 th Percentile Isopluvials

NOTE:
The 85th percentile is a 24 hour rainfall total. It represetns a value such that 85% of the observed 24 hour rainfall totals will be less than that value.

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LUEG GIS
Land Use & Environment Group Geographic Information Service

05/14/2015
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E.14 BF-3 Proprietary Biofiltration Systems

The purpose of this fact sheet is to help explain the potential role of proprietary BMPs in meeting biofiltration requirements, when full retention of the DCV is not feasible. The fact sheet does not describe design criteria like the other fact sheets in this appendix because this information varies by BMP product model.

Criteria for Use of a Proprietary BMP as a Biofiltration BMP

A proprietary BMP may be acceptable as a "biofiltration BMP" under the following conditions:

(1) The BMP meets the minimum design criteria listed in Appendix F, including the pollutant treatment performance standard in Appendix F.1;

(2) The BMP is designed and maintained in a manner consistent with its performance certifications (See explanation in Appendix F.2); and

(3) The BMP is acceptable at the discretion of the City Engineer. In determining the acceptability of a BMP, the City Engineer should consider, as applicable, (a) the data submitted; (b) representativeness of the data submitted; (c) consistency of the BMP performance claims with pollutant control objectives; certainty of the BMP performance claims; (d) for projects within the public right of way and/or public projects: maintenance requirements, cost of maintenance activities, relevant previous local experience with operation and maintenance of the BMP type, ability to continue to operate the system in event that the vending company is no longer operating as a business; and (e) other relevant factors. If a proposed BMP is not accepted by the City Engineer, a written explanation/reason will be provided to the applicant..

Guidance for Sizing a Proprietary BMP as a Biofiltration BMP

Proprietary biofiltration BMPs must meet the same sizing guidance as non-proprietary BMPs. Sizing is typically based on capturing and treating 1.50 times the DCV not reliably retained. Guidance for sizing biofiltration BMPs to comply with requirements of this manual is provided in Appendix F.2.

WASHINGTON STATE DEPARTMENT OF ECOLOGY

July 2017

GENERAL USE LEVEL DESIGNATION FOR BASIC, ENHANCED, AND PHOSPHORUS TREATMENT

For the

MWS-Linear Modular Wetland

Ecology's Decision:

Based on Modular Wetland Systems, Inc. application submissions, including the Technical Evaluation Report, dated April 1, 2014, Ecology hereby issues the following use level designation:

1. General use level designation (GULD) for the MWS-Linear Modular Wetland Stormwater Treatment System for Basic treatment

    - Sized at a hydraulic loading rate of 1 gallon per minute (gpm) per square foot (sq ft) of wetland cell surface area. For moderate pollutant loading rates (low to medium density residential basins), size the Prefilters at 3.0 gpm/sq ft of cartridge surface area. For high loading rates (commercial and industrial basins), size the Prefilters at 2.1 gpm/sq ft of cartridge surface area.

2. General use level designation (GULD) for the MWS-Linear Modular Wetland Stormwater Treatment System for Phosphorus treatment

    - Sized at a hydraulic loading rate of 1 gallon per minute (gpm) per square foot (sq ft) of wetland cell surface area. For moderate pollutant loading rates (low to medium density residential basins), size the Prefilters at 3.0 gpm/sq ft of cartridge surface area. For high loading rates (commercial and industrial basins), size the Prefilters at 2.1 gpm/sq ft of cartridge surface area.

3. General use level designation (GULD) for the MWS-Linear Modular Wetland Stormwater Treatment System for Enhanced treatment

    - Sized at a hydraulic loading rate of 1 gallon per minute (gpm) per square foot (sq ft) of wetland cell surface area. For moderate pollutant loading rates (low to medium density residential basins), size the Prefilters at 3.0 gpm/sq ft of cartridge surface area. For high loading rates (commercial and industrial basins), size the Prefilters at 2.1 gpm/sq ft of cartridge surface area.

4. Ecology approves the MWS - Linear Modular Wetland Stormwater Treatment System units for Basic, Phosphorus, and Enhanced treatment at the hydraulic loading rate listed above. Designers shall calculate the water quality design flow rates using the following procedures:

    - Western Washington: For treatment installed upstream of detention or retention, the water quality design flow rate is the peak 15-minute flow rate as calculated using the latest version of the Western Washington Hydrology Model or other Ecology-approved continuous runoff model.
    - Eastern Washington: For treatment installed upstream of detention or retention, the water quality design flow rate is the peak 15-minute flow rate as calculated using one of the three methods described in Chapter 2.2.5 of the Stormwater Management Manual for Eastern Washington (SWMMEW) or local manual.
    - Entire State: For treatment installed downstream of detention, the water quality design flow rate is the full 2-year release rate of the detention facility.

5. These use level designations have no expiration date but may be revoked or amended by Ecology, and are subject to the conditions specified below.

Ecology's Conditions of Use:

Applicants shall comply with the following conditions:

1. Design, assemble, install, operate, and maintain the MWS – Linear Modular Wetland Stormwater Treatment System units, in accordance with Modular Wetland Systems, Inc. applicable manuals and documents and the Ecology Decision.
2. Each site plan must undergo Modular Wetland Systems, Inc. review and approval before site installation. This ensures that site grading and slope are appropriate for use of a MWS – Linear Modular Wetland Stormwater Treatment System unit.
3. MWS – Linear Modular Wetland Stormwater Treatment System media shall conform to the specifications submitted to, and approved by, Ecology.
4. The applicant tested the MWS – Linear Modular Wetland Stormwater Treatment System with an external bypass weir. This weir limited the depth of water flowing through the media, and therefore the active treatment area, to below the root zone of the plants. This GULD applies to MWS – Linear Modular Wetland Stormwater Treatment Systems whether plants are included in the final product or not.
5. Maintenance: The required maintenance interval for stormwater treatment devices is often dependent upon the degree of pollutant loading from a particular drainage basin. Therefore, Ecology does not endorse or recommend a "one size fits all" maintenance cycle for a particular model/size of manufactured filter treatment device.

    - Typically, Modular Wetland Systems, Inc. designs MWS - Linear Modular Wetland systems for a target prefilter media life of 6 to 12 months.
    - Indications of the need for maintenance include effluent flow decreasing to below the design flow rate or decrease in treatment below required levels.
    - Owners/operators must inspect MWS - Linear Modular Wetland systems for a minimum of twelve months from the start of post-construction operation to determine site-specific

maintenance schedules and requirements. You must conduct inspections monthly during the wet season, and every other month during the dry season. (According to the SWMMWW, the wet season in western Washington is October 1 to April 30. According to SWMMEW, the wet season in eastern Washington is October 1 to June 30). After the first year of operation, owners/operators must conduct inspections based on the findings during the first year of inspections.

- Conduct inspections by qualified personnel, follow manufacturer's guidelines, and use methods capable of determining either a decrease in treated effluent flowrate and/or a decrease in pollutant removal ability.
- When inspections are performed, the following findings typically serve as maintenance triggers:
    - Standing water remains in the vault between rain events, or
    - Bypass occurs during storms smaller than the design storm.
    - If excessive floatables (trash and debris) are present (but no standing water or excessive sedimentation), perform a minor maintenance consisting of gross solids removal, not prefilter media replacement.
    - Additional data collection will be used to create a correlation between pretreatment chamber sediment depth and pre-filter clogging (see *Issues to be Addressed by the Company* section below)

6. Discharges from the MWS - Linear Modular Wetland Stormwater Treatment System units shall not cause or contribute to water quality standards violations in receiving waters.

Applicant:	Modular Wetland Systems, Inc.
Applicant's Address:	*PO. Box 869* *Oceanside, CA 92054*

Application Documents:

- *Original Application for Conditional Use Level Designation*, Modular Wetland System, Linear Stormwater Filtration System Modular Wetland Systems, Inc., January 2011
- *Quality Assurance Project Plan*: Modular Wetland system – Linear Treatment System performance Monitoring Project, draft, January 2011.
- *Revised Application for Conditional Use Level Designation*, Modular Wetland System, Linear Stormwater Filtration System Modular Wetland Systems, Inc., May 2011
- *Memorandum: Modular Wetland System-Linear GULD Application Supplementary Data, April 2014*
- *Technical Evaluation Report: Modular Wetland System Stormwater Treatment System Performance Monitoring, April 2014.*

Applicant's Use Level Request:

General use level designation as a Basic, Enhanced, and Phosphorus treatment device in accordance with Ecology's Guidance for Evaluating Emerging Stormwater Treatment Technologies Technology Assessment Protocol – Ecology (TAPE) January 2011 Revision.

Applicant's Performance Claims:

- The MWS – Linear Modular wetland is capable of removing a minimum of 80-percent of TSS from stormwater with influent concentrations between 100 and 200 mg/l.
- The MWS – Linear Modular wetland is capable of removing a minimum of 50-percent of Total Phosphorus from stormwater with influent concentrations between 0.1 and 0.5 mg/l.
- The MWS – Linear Modular wetland is capable of removing a minimum of 30-percent of dissolved Copper from stormwater with influent concentrations between 0.005 and 0.020 mg/l.
- The MWS – Linear Modular wetland is capable of removing a minimum of 60-percent of dissolved Zinc from stormwater with influent concentrations between 0.02 and 0.30 mg/l.

Ecology Recommendations:

- Modular Wetland Systems, Inc. has shown Ecology, through laboratory and field-testing, that the MWS - Linear Modular Wetland Stormwater Treatment System filter system is capable of attaining Ecology's Basic, Total phosphorus, and Enhanced treatment goals.

Findings of Fact:

<u>Laboratory Testing</u>

The MWS-Linear Modular wetland has the:

- Capability to remove 99 percent of total suspended solids (using Sil-Co-Sil 106) in a quarter-scale model with influent concentrations of 270 mg/L.
- Capability to remove 91 percent of total suspended solids (using Sil-Co-Sil 106) in laboratory conditions with influent concentrations of 84.6 mg/L at a flow rate of 3.0 gpm per square foot of media.
- Capability to remove 93 percent of dissolved Copper in a quarter-scale model with influent concentrations of 0.757 mg/L.
- Capability to remove 79 percent of dissolved Copper in laboratory conditions with influent concentrations of 0.567 mg/L at a flow rate of 3.0 gpm per square foot of media.
- Capability to remove 80.5-percent of dissolved Zinc in a quarter-scale model with influent concentrations of 0.95 mg/L at a flow rate of 3.0 gpm per square foot of media.
- Capability to remove 78-percent of dissolved Zinc in laboratory conditions with influent concentrations of 0.75 mg/L at a flow rate of 3.0 gpm per square foot of media.

Field Testing

- Modular Wetland Systems, Inc. conducted monitoring of an MWS-Linear (Model # MWS-L-4-13) from April 2012 through May 2013, at a transportation maintenance facility in Portland, Oregon. The manufacturer collected flow-weighted composite samples of the system's influent and effluent during 28 separate storm events. The system treated approximately 75 percent of the runoff from 53.5 inches of rainfall during the monitoring period. The applicant sized the system at 1 gpm/sq ft. (wetland media) and 3gpm/sq ft. (prefilter).
- Influent TSS concentrations for qualifying sampled storm events ranged from 20 to 339 mg/L. Average TSS removal for influent concentrations greater than 100 mg/L (n=7) averaged 85 percent. For influent concentrations in the range of 20-100 mg/L (n=18), the upper 95 percent confidence interval about the mean effluent concentration was 12.8 mg/L.
- Total phosphorus removal for 17 events with influent TP concentrations in the range of 0.1 to 0.5 mg/L averaged 65 percent. A bootstrap estimate of the lower 95 percent confidence limit (LCL95) of the mean total phosphorus reduction was 58 percent.
- The lower 95 percent confidence limit of the mean percent removal was 60.5 percent for dissolved zinc for influent concentrations in the range of 0.02 to 0.3 mg/L (n=11). The lower 95 percent confidence limit of the mean percent removal was 32.5 percent for dissolved copper for influent concentrations in the range of 0.005 to 0.02 mg/L (n=14) at flow rates up to 28 gpm (design flow rate 41 gpm). Laboratory test data augmented the data set, showing dissolved copper removal at the design flow rate of 41 gpm (93 percent reduction in influent dissolved copper of 0.757 mg/L).

Issues to be addressed by the Company:

1. Modular Wetland Systems, Inc. should collect maintenance and inspection data for the first year on all installations in the Northwest in order to assess standard maintenance requirements for various land uses in the region. Modular Wetland Systems, Inc. should use these data to establish required maintenance cycles.
2. Modular Wetland Systems, Inc. should collect pre-treatment chamber sediment depth data for the first year of operation for all installations in the Northwest. Modular Wetland Systems, Inc. will use these data to create a correlation between sediment depth and pre-filter clogging.

Technology Description:
Download at http://www.modularwetlands.com/

Contact Information:

Applicant: Zach Kent
BioClean A Forterra Company.
398 Vi9a El Centro
Oceanside, CA 92058
zach.kent@forterrabp.com

Applicant website: http://www.modularwetlands.com/

Ecology web link: http://www.ecy.wa.gov/programs/wg/stormwater/newtech/index.html

Ecology: Douglas C. Howie, P.E.
Department of Ecology
Water Quality Program
(360) 407-6444
douglas.howie@ecy.wa.gov

Revision History

Date	**Revision**
June 2011	Original use-level-designation document
September 2012	Revised dates for TER and expiration
January 2013	Modified Design Storm Description, added Revision Table, added maintenance discussion, modified format in accordance with Ecology standard
December 2013	Updated name of Applicant
April 2014	Approved GULD designation for Basic, Phosphorus, and Enhanced treatment
December 2015	Updated GULD to document the acceptance of MWS-Linear Modular Wetland installations with or without the inclusion of plants
July 2017	Revised Manufacturer Contact Information (name, address, and email)

Appendix F Biofiltration Standard and Checklist

Introduction

The MS4 Permit and this manual define a specific category of storm water pollutant treatment BMPs called "biofiltration BMPs." The MS4 Permit (Section E.3.c.1) states:

Biofiltration BMPs must be designed to have an appropriate hydraulic loading rate to maximize storm water retention and pollutant removal, as well as to prevent erosion, scour, and channeling within the BMP, and must be sized to:

a) **Treat 1.5 times the DCV not reliably retained onsite, OR**

b) **Treat the DCV not reliably retained onsite with a flow-thru design that has a total volume, including pore spaces and pre-filter detention volume, sized to hold at least 0.75 times the portion of the DCV not reliably retained onsite.**

A project applicant must be able to affirmatively demonstrate that a given BMP is designed and sized in a manner consistent with this definition to be considered as a "biofiltration BMP" as part of a compliant storm water management plan. Retention is defined in the MS4 Permit as evapotranspiration, infiltration, and harvest and use of storm water vs. discharge to a surface water system.

Contents and Intended Uses

This appendix contains a checklist of the key underlying criteria that must be met for a BMP to be considered a biofiltration BMP. The purpose of this checklist is to facilitate consistent review and approval of biofiltration BMPs that meet the "biofiltration standard" defined by the MS4 Permit.

This checklist includes specific design criteria that are essential to defining a system as a biofiltration BMP; however it does not present a complete design basis. This checklist was used to develop BMP Fact Sheets for PR-1 biofiltration with partial retention and BF-1 biofiltration, which do present a complete design basis. Therefore, biofiltration BMPs that substantially meet all aspects of the Fact sheets PR-1 or BF-1 should be able to complete this checklist without additional documentation beyond what would already be required for a project submittal.

Other biofiltration BMP designs[1] (including both non-proprietary and proprietary designs) may also meet the underlying MS4 Permit requirements to be considered biofiltration BMPs. These BMPs may be classified as biofiltration BMPs if they (1) meet the minimum design criteria listed in this appendix, including the pollutant treatment performance standard in Appendix F.1, (2) are designed and maintained in a manner consistent with their performance certifications (See explanation in Appendix F.2), if applicable, and (3) are acceptable at the discretion of the City Engineer. The applicant may be required to provide additional studies and/or required to meet additional design criteria beyond the scope of this document in order to demonstrate that these criteria are met.

Organization

The checklist in this appendix is organized into the seven (7) main objectives associated with biofiltration BMP design. It describes the associated minimum criteria that must be met in order to qualify a biofiltration BMP as meeting the biofiltration standard. The seven main objectives are listed below. Specific design criteria and associated manual references associated with each of these objectives is provided in the checklist in the following section.

1. Biofiltration BMPs shall be allowed only as described in the BMP selection process in this manual (i.e., retention feasibility hierarchy).

2. Biofiltration BMPs must be sized using acceptable sizing methods described in this manual.

3. Biofiltration BMPs must be sited and designed to achieve maximum feasible infiltration and evapotranspiration.

4. Biofiltration BMPs must be designed with a hydraulic loading rate to maximize pollutant retention, preserve pollutant control/sequestration processes, and minimize potential for pollutant washout.

5. Biofiltration BMPs must be designed to promote appropriate biological activity to support and maintain treatment processes.

6. Biofiltration BMPs must be designed to prevent erosion, scour, and channeling within the BMP.

7. Biofiltration BMP must include operations and maintenance design features and planning

[1] Defined as biofiltration designs that do not conform to the specific design criteria described in Fact Sheets PR-1 or BF-1. This category includes proprietary BMPs that are sold by a vendor as well as non-proprietary BMPs that are designed and constructed of primarily of more elementary construction materials.

considerations to provide for continued effectiveness of pollutant and flow control functions.

Biofiltration Criteria Checklist

The applicant shall provide documentation of compliance with each criterion in this checklist as part of the project submittal. The right column of this checklist identifies the submittal information that is recommended to document compliance with each criterion. Biofiltration BMPs that substantially meet all aspects of Fact Sheets PR-1 or BF-1 should still use this checklist; however additional documentation (beyond what is already required for project submittal) should not be required.

1. Biofiltration BMPs shall be allowed to be used only as described in the BMP selection process based on a documented feasibility analysis.

Intent: This manual defines a specific prioritization of pollutant treatment BMPs, where BMPs that retain water (retained includes evapotranspired, infiltrated, and/or harvested and used) must be used before considering BMPs that have a biofiltered discharge to the MS4 or surface waters. Use of a biofiltration BMP in a manner in conflict with this prioritization (i.e., without a feasibility analysis justifying its use) is not permitted, regardless of the adequacy of the sizing and design of the system.

☐	The project applicant has demonstrated that it is not technically feasible to retain the full DCV onsite.	Document feasibility analysis and findings in SWQMP per Appendix C.

2. Biofiltration BMPs must be sized using acceptable sizing methods.

Intent: The MS4 Permit and this manual defines specific sizing methods that must be used to size biofiltration BMPs. Sizing of biofiltration BMPs is a fundamental factor in the amount of storm water that can be treated and also influences volume and pollutant retention processes.

☐	The project applicant has demonstrated that biofiltration BMPs are sized to meet one of the biofiltration sizing options available (Appendix B.5).	Submit sizing worksheets (Appendix B.5) or other equivalent documentation with the SWQMP.

3. Biofiltration BMPs must be sited and designed to achieve maximum feasible infiltration and evapotranspiration.

Intent: Various decisions about BMP placement and design influence how much water is retained via infiltration and evapotranspiration. The MS4 Permit requires that biofiltration BMPs achieve maximum feasible retention (evapotranspiration and infiltration) of storm water volume.

☐	The biofiltration BMP is sited to allow for maximum infiltration of runoff volume based on the feasibility factors considered in site planning efforts. It is also designed to maximize evapotranspiration through the use of amended media and plants (biofiltration designs without amended media and plants may be permissible; see Item 5).	Document site planning and feasibility analyses in SWQMP per Section 5.4.
☐	For biofiltration BMPs categorized as "Partial Infiltration Condition" the infiltration storage depth in the biofiltration design has been selected to drain in 36 hours (+/-25%) or an alternative value shown to maximize infiltration on the site.	Included documentation of estimated infiltration rate per Appendix D; provide calculations using Appendix B.4 and B.5 to show that the infiltration storage depth meets this criterion. Note, depths that are too shallow or too deep may not be acceptable.
☐	For biofiltration BMP locations categorized as "Partial Infiltration Condition," the infiltration storage is over the entire bottom of the biofiltration BMP footprint.	Document on plans that the infiltration storage covers the entire bottom of the BMP (i.e., not just underdrain trenches); or an equivalent footprint elsewhere on the site.
☐	For biofiltration BMP locations categorized as "Partial Infiltration Condition," the sizing factor used for the infiltration storage area is not less than the minimum biofiltration BMP sizing factors calculated using Worksheet B.5.1 to achieve 40% average annual percent capture within the BMP or downstream of the BMP. .	Provide a table that compares the minimum sizing factor per Appendix B.5 to the provided sizing factor. Note: The infiltration storage area could be a separate storage feature located downstream of the biofiltration BMP, not necessarily within the same footprint.
☐	An impermeable liner or other hydraulic restriction layer is only used when needed to avoid geotechnical and/or subsurface contamination issues in locations identified as "No Infiltration Condition."	If using an impermeable liner or hydraulic restriction layer, provide documentation of feasibility findings per Appendix C that recommend the use of this feature.

☐	The use of "compact" biofiltration BMP design[2] is permitted only in conditions identified as "No Infiltration Condition" and where site-specific documentation demonstrates that the use of larger footprint biofiltration BMPs would be infeasible.	Provide documentation of feasibility findings that recommend no infiltration is feasible. Provide site-specific information to demonstrate that a larger footprint biofiltration BMP would not be feasible.
4.	**Biofiltration BMPs must be designed with a hydraulic loading rate to maximize pollutant retention, preserve pollutant control processes, and minimize potential for pollutant washout.** Intent: Various decisions about biofiltration BMP design influence the degree to which pollutants are retained. The MS4 Permit requires that biofiltration BMPs achieve maximum feasible retention of storm water pollutants.	
☐	Media selected for the biofiltration BMP meets minimum quality and material specifications per 2016 City Storm Water Standards or County LID Manual, including the maximum allowable design filtration rate and minimum thickness of media. **OR**	Provide documentation that media meets the specifications in 2016 City Storm Water Standrads or County LID Manual.
☐	Alternatively, for proprietary designs and custom media mixes not meeting the media specifications contained in the 2016 City Storm Water Standards or County LID Manual, field scale testing data are provided to demonstrate that proposed media meets the pollutant treatment performance criteria in Section F.1 below.	Provide documentation of performance information as described in Section F.1.
☐	To the extent practicable, filtration rates are outlet controlled (e.g., via an underdrain and orifice/weir) instead of controlled by the infiltration rate of the media.	Include outlet control in designs or provide documentation of why outlet control is not practicable.

[2] Compact biofiltration BMPs are defined as features with infiltration storage footprint less than the minimum sizing factors required to achieve 40% volume retention. Note that if a biofiltration BMP is accompanied by an infiltrating area downstream that has a footprint equal to at least the minimum sizing factors calculated using Worksheet B.5.1 assuming a partial infiltration condition, then it is not considered to be a compact biofiltration BMP for the purpose of Item 4 of the checklist. For potential configurations with a higher rate biofiltration BMP upstream of an larger footprint infiltration area, the BMP would still need to comply with Item 5 of this checklist for pollutant treatment effectiveness.

☐	The water surface drains to at least 12 inches below the media surface within 24 hours from the end of storm event flow to preserve plant health and promote healthy soil structure.	Include calculations to demonstrate that drawdown rate is adequate. Surface ponding drawdown time greater than 24-hours but less than 96 hours may be allowed at the discretion of the City Engineer if certified by a landscape architect or agronomist.
☐	If nutrients are a pollutant of concern, design of the biofiltration BMP follows nutrient-sensitive design criteria.	Follow specifications for nutrient sensitive design in Fact Sheet BF-2. Or provide alternative documentation that nutrient treatment is addressed and potential for nutrient release is minimized.
☐	Media gradation calculations or geotextile selection calculations demonstrate that migration of media between layers will be prevented and permeability will be preserved.	Follow specification for choking layer or geotextile in Fact Sheet PR-1 or BF-1. Or include calculations to demonstrate that choking layer is appropriately specified.
5. Biofiltration BMPs must be designed to promote appropriate biological activity to support and maintain treatment processes. Intent: Biological processes are an important element of biofiltration performance and longevity.		
☐	Plants have been selected to be tolerant of project climate, design ponding depths and the treatment media composition.	Provide documentation justifying plant selection. Refer to the plant list in Appendix E.20.
☐	Plants have been selected to minimize irrigation requirements.	Provide documentation describing irrigation requirements for establishment and long term operation.
☐	Plant location and growth will not impede expected long-term media filtration rates and will enhance long term infiltration rates to the extent possible.	Provide documentation justifying plant selection. Refer to the plant list in Appendix E.20.
☐	If plants are not part of the biofiltration design, other biological processes are supported as needed to sustain treatment processes (e.g., biofilm in a subsurface flow wetland).	For biofiltration designs without plants, describe the biological processes that will support effective treatment and how they will be sustained.
6. Biofiltration BMPs must be designed with a hydraulic loading rate to prevent erosion, scour, and channeling within the BMP. Intent: Erosion, scour, and/or channeling can disrupt treatment processes and reduce biofiltration effectiveness.		

☐	Scour protection has been provided for both sheet flow and pipe inflows to the BMP, where needed.	Provide documentation of scour protection as described in Fact Sheets PR-1 or BF-1 or approved equivalent.
☐	Where scour protection has not been provided, flows into and within the BMP are kept to non-erosive velocities.	Provide documentation of design checks for erosive velocities as described in Fact Sheets PR-1 or BF-1 or approved equivalent.
☐	For proprietary BMPs, the BMP is used in a manner consistent with manufacturer guidelines and conditions of its third-party certification[3] (i.e., maximum tributary area, maximum inflow velocities, etc., as applicable).	Provide copy of manufacturer recommendations and conditions of third-party certification.
	7. Biofiltration BMP must include operations and maintenance design features and planning considerations for continued effectiveness of pollutant and flow control functions. Intent: Biofiltration BMPs require regular maintenance in order provide ongoing function as intended. Additionally, it is not possible to foresee and avoid potential issues as part of design; therefore plans must be in place to correct issues if they arise.	
☐	The biofiltration BMP O&M plan describes specific inspection activities, regular/periodic maintenance activities and specific corrective actions relating to scour, erosion, channeling, media clogging, vegetation health, and inflow and outflow structures.	Include O&M plan with project submittal as described in Chapter 7.
☐	Adequate site area and features have been provided for BMP inspection and maintenance access.	Illustrate maintenance access routes, setbacks, maintenance features as needed on project water quality plans.
☐	For proprietary biofiltration BMPs, the BMP maintenance plan is consistent with manufacturer guidelines and conditions of its third-party certification (i.e., maintenance activities, frequencies).	Provide copy of manufacturer recommendations and conditions of third-party certification.

[3] Certifications or verifications issued by the Washington Technology Acceptance Protocol-Ecology program and the New Jersey Corporation for Advanced Technology programs are typically accompanied by a set of guidelines regarding appropriate design and maintenance conditions that would be consistent with the certification/verification

ATTACHMENT 2
BACKUP FOR PDP HYDROMODIFICATION CONTROL MEASURES

This is the cover sheet for Attachment 2.

☐ Mark this box if this attachment is empty because the project is exempt from PDP hydromodification management requirements.

Indicate which Items are Included behind this cover sheet:

Attachment Sequence	**Contents**	**Checklist**
Attachment 2a	Hydromodification Management Exhibit (Required)	■ Included SEE HMP REPORT See Hydromodification Management Exhibit Checklist on the back of this Attachment cover sheet.
Attachment 2b	Management of Critical Coarse Sediment Yield Areas (WMAA Exhibit is required, additional analyses are optional) See Section 6.2 of the BMP Design Manual.	☐ Exhibit showing project drainage boundaries marked on WMAA Critical Coarse Sediment Yield Area Map (Required) Optional analyses for Critical Coarse Sediment Yield Area Determination ☐ 6.2.1 Verification of Geomorphic Landscape Units Onsite ☐ 6.2.2 Downstream Systems Sensitivity to Coarse Sediment ☐ 6.2.3 Optional Additional Analysis of Potential Critical Coarse Sediment Yield Areas Onsite
Attachment 2c	Geomorphic Assessment of Receiving Channels (Optional) See Section 6.3.4 of the BMP Design Manual.	☐ Not performed ■ Included ☐ Submitted as separate stand-alone document
Attachment 2d	Flow Control Facility Design, including Structural BMP Drawdown Calculations and Overflow Design Summary (Required) See Chapter 6 and Appendix G of the BMP Design Manual	■ Included ☐ Submitted as separate stand-alone document
Attachment 2e	Vector Control Plan (Required when structural BMPs will not drain in 96 hours)	☐ Included ■ Not required because BMPs will drain in less than 96 hours

Use this checklist to ensure the required information has been included on the Hydromodification Management Exhibit:

The Hydromodification Management Exhibit must identify:

■ Underlying hydrologic soil group
■ Approximate depth to groundwater
■ Existing natural hydrologic features (watercourses, seeps, springs, wetlands)
□ Critical coarse sediment yield areas to be protected
■ Existing topography
■ Existing and proposed site drainage network and connections to drainage offsite
■ Proposed grading
■ Proposed impervious features
■ Proposed design features and surface treatments used to minimize imperviousness
■ Point(s) of Compliance (POC) for Hydromodification Management
■ Existing and proposed drainage boundary and drainage area to each POC (when necessary, create separate exhibits for pre-development and post-project conditions)
■ Structural BMPs for hydromodification management (identify location, type of BMP, and size/detail)

ATTACHMENT 2C

HYDROMODIFICATION SCREENING

FOR

RESTAURANT ROW

September 20, 2022

Will sign and stamp upon approval

Wayne W. Chang, MS, PE 46548

ChangConsultants

Civil Engineering ◦ Hydrology ◦ Hydraulics ◦ Sedimentation

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FOR REVIEW ONLY

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APPENDICES

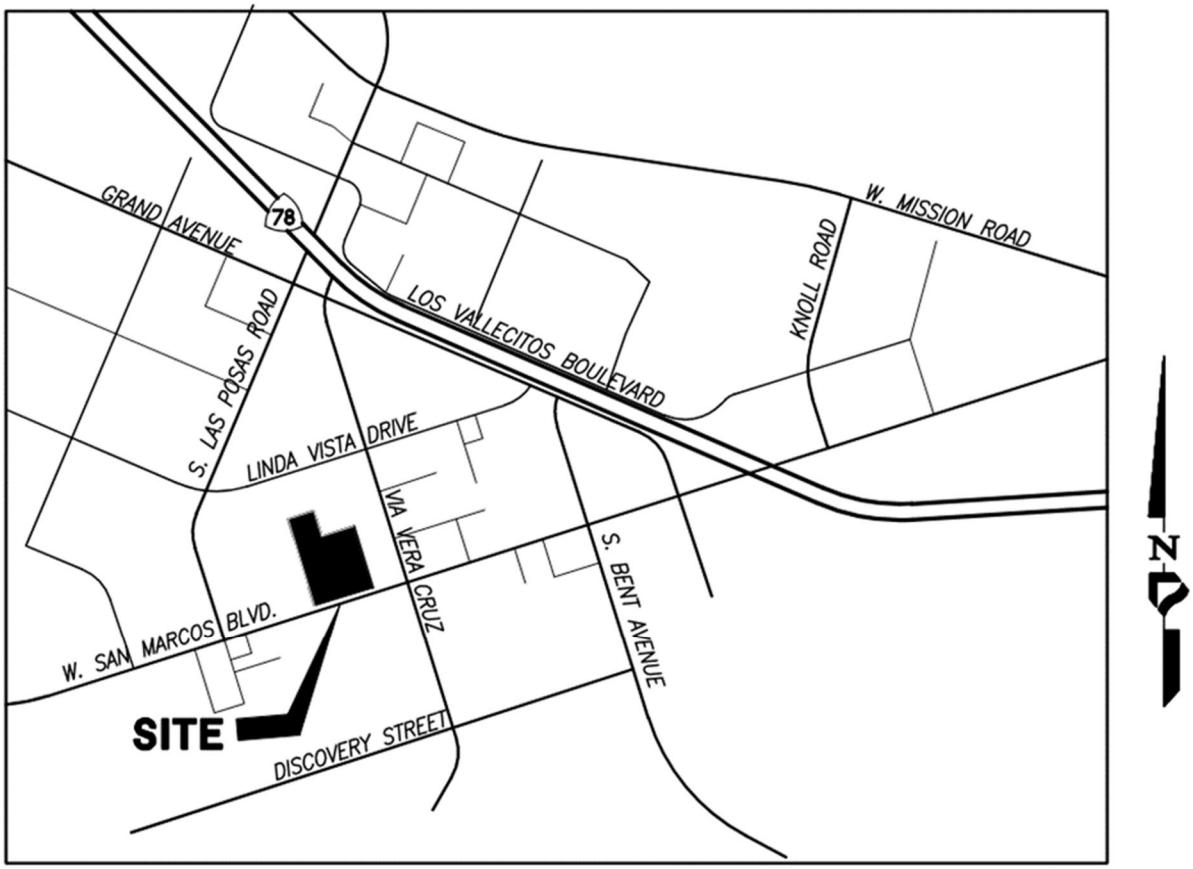
A. SCCWRP Initial Desktop Analysis

B. SCCWRP Field Screening Data

FOR REVIEW ONLY

INTRODUCTION

The County of San Diego's March 2011, *Final Hydromodification Management Plan;* January 8, 2011, *Standard Urban Stormwater Mitigation Plan* (SUSMP); and City of San Marcos' February 2016, *BMP Design Manual,* outline low flow thresholds for hydromodification analyses. The thresholds are based on a percentage of the pre-project 2-year flow (Q_2), i.e., $0.1Q_2$ (low flow threshold and high susceptibility to erosion), $0.3Q_2$ (medium flow threshold and medium susceptibility to erosion), or $0.5Q_2$ (high flow threshold and low susceptibility to erosion). A flow threshold of $0.1Q_2$ represents a natural downstream receiving conveyance system with a high susceptibility to bed and/or bank erosion. This is the default value used for hydromodification analyses and will result in the most conservative (largest) on-site facility sizing. A flow threshold of $0.3Q_2$ or $0.5Q_2$ represents downstream receiving conveyance systems with a medium or low susceptibility to erosion, respectively. In order to qualify for a medium or low erosion susceptibility rating, a project must perform a channel screening analysis based on the March 2010, *Hydromodification Screening Tools: Field Manual for Assessing Channel Susceptibility,* developed by the Southern California Coastal Water Research Project (SCCWRP). The SCCWRP results are compared with the critical shear stress results from the County of San Diego's Critical Flow Calculator spreadsheet to establish the appropriate erosion susceptibility threshold of low, medium, or high.



VICINITY MAP

NOT TO SCALE

This report provides a hydromodification screening analysis for the proposed Restaurant Row redevelopment project located within Old California Restaurant Row in the city of San Marcos. The site is bounded by West San Marcos Boulevard to the south and Via Vera Cruz to the east (see the Vicinity Map). Under existing conditions, the project area consists of commercial development with restaurants surrounded by a large parking lot. Surrounding uses include Wells Fargo Bank, a Buffalo Wild Wings, and additional restaurants to the east as well as health service and commercial buildings to the north. An unoccupied commercial site and a Regal Edwards cinema are to the west. Vacant land and commercial uses are south along the opposite side of West San Marcos Boulevard.

The project proposes to demolish the existing development and replace it with a mixed-use zone that incorporates retail storefronts, urban living, and community destinations in a vertical pedestrian-oriented setting. To maintain the pedestrian-oriented setting, the ground floor will be limited to retail and other active uses along the primary street frontage of Via Vera Cruz and West San Marcos Boulevard. Residential units will encompass the majority of the site, including homes over commercial units along the project frontage.

Under existing conditions, the site generally drains towards its center. The storm runoff is captured by a culvert that extends westerly through the center of the site from Via Vera Cruz to an existing downstream concrete trapezoidal channel (see the Study Area Exhibit in Appendix A). The project will treat its storm runoff in on-site BMPs, then convey the runoff to the culvert and trapezoidal channel similar to existing conditions. The downstream drainage conveyances under existing and proposed conditions are as follows. The concrete trapezoidal channel continues approximately 900 feet west to South Las Posas Road. The flow then enters a box culvert that crosses under the road. The box culvert discharges into an unnamed natural drainage course on the west side of the road. The unnamed natural drainage course extends 270 feet west to Lower Las Posas Creek. Lower Las Posas Creek is a naturally-lined watercourse that continues over 1,700 feet south to San Marcos Creek. San Marcos Creek is also naturally-lined and flows a short distance to Lake San Marcos and ultimately over 4 miles to Batiquitos Lagoon.

The SCCWRP screening tool requires both office and field work to establish the vertical and lateral susceptibility of a downstream receiving channel to erosion. The vertical and lateral assessments are performed independently of each other although the lateral results can be affected by the vertical rating. A screening analysis was performed to assess the low flow threshold for the project's point of compliance, which is at the discharge point from the South Las Posas Road box culvert into the unnamed natural drainage course.

The initial step in performing the SCCWRP screening analysis is to establish the domain of analysis and the study reaches within the domain. This is followed by office and field components of the screening tool along with the associated analyses and results. The following sections cover these procedures in sequence.

DOMAIN OF ANALYSIS

SCCWRP defines an upstream and downstream domain of analysis, which establish the study limits. The County of San Diego's HMP specifies the downstream domain of analysis based on the SCCWRP criteria. The HMP indicates that the downstream domain is the first point where one of these is reached:

- at least one reach downstream of the first grade control point
- tidal backwater/lentic waterbody
- equal order tributary
- accumulation of 50 percent drainage area for stream systems or 100 percent drainage area for urban conveyance systems (storm drains, hardened channels, etc.)

The upstream limit is defined as:

- proceed upstream for 20 channel top widths or to the first grade control point, whichever comes first. Identify hard points that can check headward migration and evidence of active headcutting.

SCCWRP defines the maximum spatial unit, or reach (a reach is circa 20 channel widths), for assigning a susceptibility rating within the domain of analysis to be 200 meters (656 feet). If the domain of analysis is greater than 200 meters, the study area can be subdivided into smaller reaches of less than 200 meters for analysis. Most of the units in the HMP's SCCWRP analysis are metric. Metric units are used in this report only where given so in the HMP. Otherwise, English units are used.

Downstream Domain of Analysis

The downstream domain of analysis for the study area has been determined by assessing and comparing the four bullet items above. As discussed previously, the project's storm runoff will outlet from hardened, non-erodible drainage facilities to an unnamed natural drainage course on the west side of South Las Posas Road. The discharge point into the unnamed natural drainage course is the point of compliance (POC) for hydromodification purposes (see the Study Area Exhibit included in Appendix A). The POC is the point below which a drainage course is natural and susceptible to erosion. The downstream domain of analysis location is selected below this POC.

Per the first bullet item, the first permanent grade control below the POC was identified during a site visit. The first grade control occurs where Lower Las Posas Creek enters triple reinforced concrete box culverts that cross under West San Marcos Boulevard, which are approximately 1,100 feet downstream of the POC. The culverts are non-erodible facilities that provide a grade control for the upstream channel bed. i.e., they will prevent erosion of the upstream channel bed.

The second bullet item criteria is based on the lentic waterbody. The nearest lentic (standing or still water such as ponds, pools, marshes, lakes, etc.) waterbody is Lake San Marcos. The Lake San Marcos lentic waterbody is further downstream from the POC than the permanent grade

control, so the second bullet item will not govern over the first bullet item in establishing the downstream domain of analysis location.

The third bullet item is met when the natural watercourse below a POC confluences with a stream with an equal order or larger tributary area. As mentioned above, the unnamed natural drainage course confluences with Lower Las Posas Creek 270 feet downstream of the POC. The Lower Las Posas Creek watershed covers over 2.6 square miles according to the USGS Streamstats program (see Appendix A), which is based on a digital elevation model and digital representation of the stream network. This is larger than the watershed tributary to the unnamed natural drainage course, which was delineated as 99.80 acres from SANGIS 2-foot contour interval topographic mapping (see the Watershed Exhibit in Appendix A). Therefore, the third bullet item is met at the confluence since the unnamed natural drainage course joins the much larger Lower Las Posas Creek watershed. The confluence is closer to the POC than the permanent grade control, so the third bullet item will govern over the first in establishing the downstream domain of analysis location.

The fourth bullet item is met when the natural stream below a POC accumulates 50 or 100 percent drainage area for natural or urban drainage systems, respectively. The unnamed natural drainage course below the POC is a natural drainage system, so 50 percent applies. It is clear from the Watershed Exhibit that 50 percent additional drainage area will not be accumulated along the unnamed natural drainage course between the POC and Lower Las Posas Creek. Therefore, the fourth bullet item will not govern over the third bullet item.

Based on the above information, the downstream domain of analysis location is established by the equal order tributary criteria (bullet item 3) and occurs where unnamed natural drainage course confluences with the larger Lower Las Posas Creek.

Upstream Domain of Analysis

The existing hardened, non-erodible drainage facilities (culverts and concrete trapezoidal channel) from the site to the POC outlet into the uppermost end of the unnamed natural drainage course. Since the unnamed natural drainage course does not extend upstream of the POC, the upstream domain of analysis location is at the POC.

Study Reaches within Domain of Analysis

After the upstream and downstream domain of analysis locations are established for the POC, the study reach is identified (see the Study Area Exhibit). The entire domain of analysis extends along the unnamed natural drainage course from the upstream domain of analysis location at the POC to the downstream domain of analysis location at the confluence with Lower Las Posas Creek. This segment was analyzed as a single study reach, Reach 1, which is 270 feet long so within the 656-foot maximum reach length specified by SCCWRP.

INITIAL DESKTOP ANALYSIS

After the domain of analysis is established, SCCWRP requires an "initial desktop analysis" that involves office work. The initial desktop analysis establishes the watershed area, mean annual

precipitation, valley slope, and valley width. These terms are defined in Form 1, which is included in Appendix A. SCCWRP recommends the use of National Elevation Data (NED) to determine the watershed area, valley slope, and valley width. NED is similar to USGS quadrangle mapping. SANGIS' 2-foot contour topographic mapping was available, which is more accurate than NED mapping, so the SANGIS mapping was used to determine the watershed area, valley slope, and valley width.

The watershed area associated with Reach 1 was delineated from the SANGIS topographic mapping supplemented with existing drainage facility data from the City of San Marcos' April 2019 *Drainage Master Plan Storm Drain Inventory* sheets. The delineation is included on the Watershed Exhibit and shows that the watershed area tributary to Reach 1 covers 99.80 acres (0.1559 square miles).

The mean annual precipitation was obtained from the rain gages closest to the site. These are the Western Regional Climate Center's Escondido and Escondido 2 gages (see Appendix A). The average annual rainfall measured at the Escondido gage for the period of record from 1893 to 1979 is 16.22 inches. The average annual rainfall measured at the Escondido 2 gage for the period of record from 1979 to 2013 is 14.93 inches. The time-weighted average rainfall from these two gages is 15.85 inches.

The valley slope and valley width for Reach 1 was obtained from SANGIS' 2-foot contour interval topographic mapping. The valley slope is the longitudinal slope of the channel bed along the flow line, so it is determined by dividing the elevation difference within a study reach by the length of the flow line. The valley width is the valley bottom width dictated by breaks in the hillslope. The valley slope and valley width within Reach 1 along with the watershed area are included in Table 1.

Reach	Tributary Watershed Area, sq. mi.	Valley Slope, m/m	Valley Width, m
1	0.1559	0.0110	2.74

Table 1. Summary of Drainage Area, Valley Slope, and Valley Width

The above described values were input to a spreadsheet to calculate the simulated peak flow, screening index, and valley width index outlined in Form 1. The input data and results are tabulated in Appendix A. This completes the initial desktop analysis.

FIELD SCREENING

After the initial desktop analysis is done, a field assessment must be performed. The field assessment is used to establish a natural channel's vertical and lateral susceptibility to erosion. SCCWRP states that although they are admittedly linked, vertical and lateral susceptibility are assessed separately for several reasons. First, vertical and lateral responses are primarily controlled by different types of resistance, which, when assessed separately, may improve ease of use and lead to increased repeatability compared to an integrated, cross-dimensional

assessment. Second, the mechanistic differences between vertical and lateral responses point to different modeling tools and potentially different management strategies. Having separate screening ratings may better direct users and managers to the most appropriate tools for subsequent analyses.

The field screening tool uses combinations of decision trees and checklists. Decision trees are typically used when a question can be answered fairly definitively and/or quantitatively (e.g., d_{50} < 16 mm). Checklists are used where answers are relatively qualitative (e.g., the condition of a grade control). Low, medium, high, and very high ratings are applied separately to the vertical and lateral analyses. When the vertical and lateral analyses return divergent values, the most conservative value shall be selected as the flow threshold for the hydromodification analyses.

Vertical Stability

The purpose of the vertical stability decision tree (Figure 6-4 in the County of San Diego HMP) is to assess the state of the channel bed with a particular focus on the risk of incision (i.e., down cutting). The decision tree is included in Figure 5. The first step is to assess the channel bed resistance. There are three categories defined as follows:

1. Labile Bed – sand-dominated bed, little resistant substrate.

2. Transitional/Intermediate Bed – bed typically characterized by gravel/small cobble, Intermediate level of resistance of the substrate and uncertain potential for armoring.

3. Threshold Bed (Coarse/Armored Bed) – armored with large cobbles or larger bed material or highly-resistant bed substrate (i.e., bedrock).

Based on the channel photographs and site investigation, the bed material and resistance (associated with moderate to dense vegetation) are generally within the transitional/intermediate bed category. Some bed areas contained smaller grain sizes typically found in a labile bed. However, Reach 1 does not meet the criteria of containing loosely-packed material. The material is moderately-packed with dense vegetation binding the soil, which is a characteristic of an intermediate bed.

In addition to the material size and compaction, there are several factors that establish the erodibility of a channel such as the flow rate (i.e., size of the tributary area), grade controls, channel slope, vegetative cover, channel planform, etc. The Introduction of the SCCWRP *Hydromodification Screening Tools: Field Manual* identifies several of these factors. When multiple factors influence erodibility, it is appropriate to perform the more detailed SCCWRP analysis, which is to analyze a channel according to SCCWRP's transitional/intermediate bed procedure. This requires the most rigorous steps and will generate the appropriate results given the range of factors that define erodibility. The transitional/intermediate bed procedure takes into account that bed material may fall within the labile category (the bed material size is used in SCCWRP's Form 3 Figure 4), but other factors may trend towards a less erodible condition. Dr. Eric Stein from SCCWRP, who co-authored the Hydromodification Screening Tools: Field Manual in the Final Hydromodification Management Plan (HMP), indicated that it would be appropriate to analyze channels with multiple factors that impact erodibility using the

transitional/intermediate bed procedure. Consequently, this procedure was used to produce more accurate results.

Transitional/intermediate beds cover a wide susceptibility/potential response range and need to be assessed in greater detail to develop a weight of evidence for the appropriate screening rating. The three primary risk factors used to assess vertical susceptibility for channels with transitional/intermediate bed materials are:

1. Armoring potential – three states (Checklist 1)

2. Grade control – three states (Checklist 2)

3. Proximity to regionally-calibrated incision/braiding threshold (Screening Index Threshold – Probability Diagram)

These three risk factors are assessed using checklists and a diagram (see Appendix B), and the results of each are combined to provide a final vertical susceptibility rating for the intermediate/transitional bed-material group. Each checklist and diagram contains a Category A, B, or C rating. Category A is the most resistant to vertical changes while Category C is the most susceptible.

Checklist 1 determines armoring potential of the channel bed. The natural channel bed along Reach 1 is assigned to Category B, which represents intermediate bed material of unknown resistance or unknown armoring potential due to a surface veneer such as vegetation. The soil was probed and penetration was relatively difficult through the underlying layer. Consequently, Reach 1 is classified in Category B within Checklist 1.

Checklist 2 determines grade control characteristics of the channel bed. This is established by the spacing of grade controls along the channel. Category B on Checklist 2 is based on a spacing of $2/S_v$ or $4/S_v$. S_v is 0.0110 from the Form 1 analysis in Appendix A. From this, $2/S_v$ is 182 meters (597 feet), while $4/S_v$ is 364 meters (1,194 feet). Reach 1 is 270 feet long. Therefore, Reach 1 is shorter than $2/S_v$ and within Category A on Checklist 2.

The Screening Index Threshold is a probability diagram that depicts the risk of incising or braiding based on the potential stream power of the valley relative to the median particle diameter. The threshold is based on regional data from Dr. Howard Chang of Chang Consultants and others. The probability diagram is based on d_{50} as well as the screening index (INDEX) value determined in the initial desktop analysis (see Appendix A). The Form 1 results in Appendix A determined an INDEX of 0.010 for Reach 1. The Screening Index Threshold diagram shows that the probability of incising or braiding is less than 50 percent regardless of d_{50} for an INDEX value of 0.010. Since Reach 1's Screening Index value is less than all of the 50 percent values, Reach 1 is within Category A.

The overall vertical rating is determined from the Checklist 1, Checklist 2, and Mobility Index Threshold results. The scoring is based on the following values:

Category A = 3, Category B = 6, Category C = 9

The vertical rating score is based on these values and the equation:

$$\text{Vertical Rating} = [(\text{armoring} \times \text{grade control})^{1/2} \times \text{screening index score}]^{1/2}$$
$$= [(6 \times 3)^{1/2} \times 3]^{1/2}$$
$$= 3.6$$

Since the vertical rating is less than 4.5, Reach 1 has a low threshold for vertical susceptibility.

Lateral Stability

The purpose of the lateral decision tree (Figure 6-5 from County of San Diego HMP included in Figure 6) is to assess the state of the channel banks with a focus on the risk of widening. Channels can widen from either bank failure or through fluvial avulsions such as chute cutoffs and braiding. Widening through fluvial avulsions/active braiding is a relatively straightforward observation. If braiding is not already occurring, the next logical step is to assess the condition of the banks. Banks fail through a variety of mechanisms; however, one of the most important distinctions is whether they fail in mass (as many particles) or by fluvial detachment of individual particles. Although much research is dedicated to the combined effects of weakening, fluvial erosion, and mass failure, SCCWRP found it valuable to segregate bank types based on the inference of the dominant failure mechanism (as the management approach may vary based on the dominant failure mechanism). A decision tree (Form 4 in Appendix B) is used in conducting the lateral susceptibility assessment. Definitions are provided below for terms used in the lateral susceptibility assessment.

The first step in the decision tree is to determine if lateral adjustments are occurring. The adjustments can take the form of extensive mass wasting (greater than 50 percent of the banks are exhibiting planar, slab, or rotational failures and/or scalloping, undermining, and/or tension cracks). The adjustments can also involve extensive fluvial erosion (significant and frequent bank cuts on over 50 percent of the banks). Neither mass wasting nor extensive fluvial erosion was evident within Reach 1 during a field investigation.

The next step in the Form 4 decision tree is to assess the consolidation of the bank material. The banks were moderate to well-consolidated. This determination was made because the ground surface was difficult to penetrate with a probe and the banks were densely vegetated as seen in the figures. In addition, the banks showed no evidence of extensive crumbling and were composed of relatively well-packed particles.

Form 6 (see Appendix B) is used to assess the probability of mass wasting. Form 6 identifies a 10, 50, and 90 percent probability based on the bank angle and bank height. From the topographic mapping and site investigation, the average bank angle in Reach 1 is approximately 2:1 (22.6 degrees) or less. Form 6 shows that the probably of mass wasting and bank failure has less than 10 percent risk for a 22.6 degree bank angle or less regardless of the bank height.

The final two steps in the Form 4 decision tree are based on the braiding risk determined from the vertical rating as well as the Valley Width Index (VWI) calculated in Appendix A. If the

vertical rating is high, the braiding risk is considered to be greater than 50 percent. Excessive braiding can lead to lateral bank failure. For Reach 1 the vertical rating is low, so the braiding risk is less than 50 percent. Furthermore, a VWI greater than 2 represents channels unconfined by bedrock or hillslope and, hence, subject to lateral migration. The VWI calculation in the spreadsheet in Appendix A shows that the VWI for Reach 1 (0.42) is less than 2.

From the above steps, the lateral susceptibility rating is low (red circles are included on the Form 4: Lateral Susceptibility Field Sheet decision tree in Appendix B showing the decision path).

CONCLUSION

The SCCWRP channel screening tools were used to assess the downstream channel susceptibility for the Restaurant Row redevelopment project being designed by Project Design Consultants. The project runoff will be treated and then collected and conveyed in hardened, non-erodible drainage facilities to an unnamed natural drainage course. An assessment was performed for the unnamed natural drainage course based on office analyses and field work. The results indicate a low threshold for vertical and lateral susceptibilities for Reach 1.

The HMP requires that these results be compared with the critical stress calculator results outlined in the County of San Diego HMP. The critical stress results are included in Appendix B for the study reach using the spreadsheet provided by the County. The channel dimensions were estimated from topographic mapping and Google Earth. Based on these values, the critical stress results returned a low threshold consistent with the SCCWRP channel screening results. Therefore, the SCCWRP analyses and critical stress calculator demonstrate that a low overall threshold is applicable to the study reach (i.e., $0.5Q_2$).

Chang Consultants previously prepared the June 24, 2021, *Hydromodification Screening for the Cherokee Property,* which contained an assessment of Lower Las Posas Creek below Reach 1. The Cherokee report determined a lower susceptibility to erosion, so the Restaurant Row results are consistent with the downstream receiving channel results.

Figure 1. Point of Compliance into Reach 1 at Outlet of South Las Posas Road Box Culvert

Figure 2. Looking Towards Upper End of Reach 1

Figure 3. Looking Downstream from Middle of Reach 1

Figure 4. Looking Upstream Towards Reach 1 from Lower End

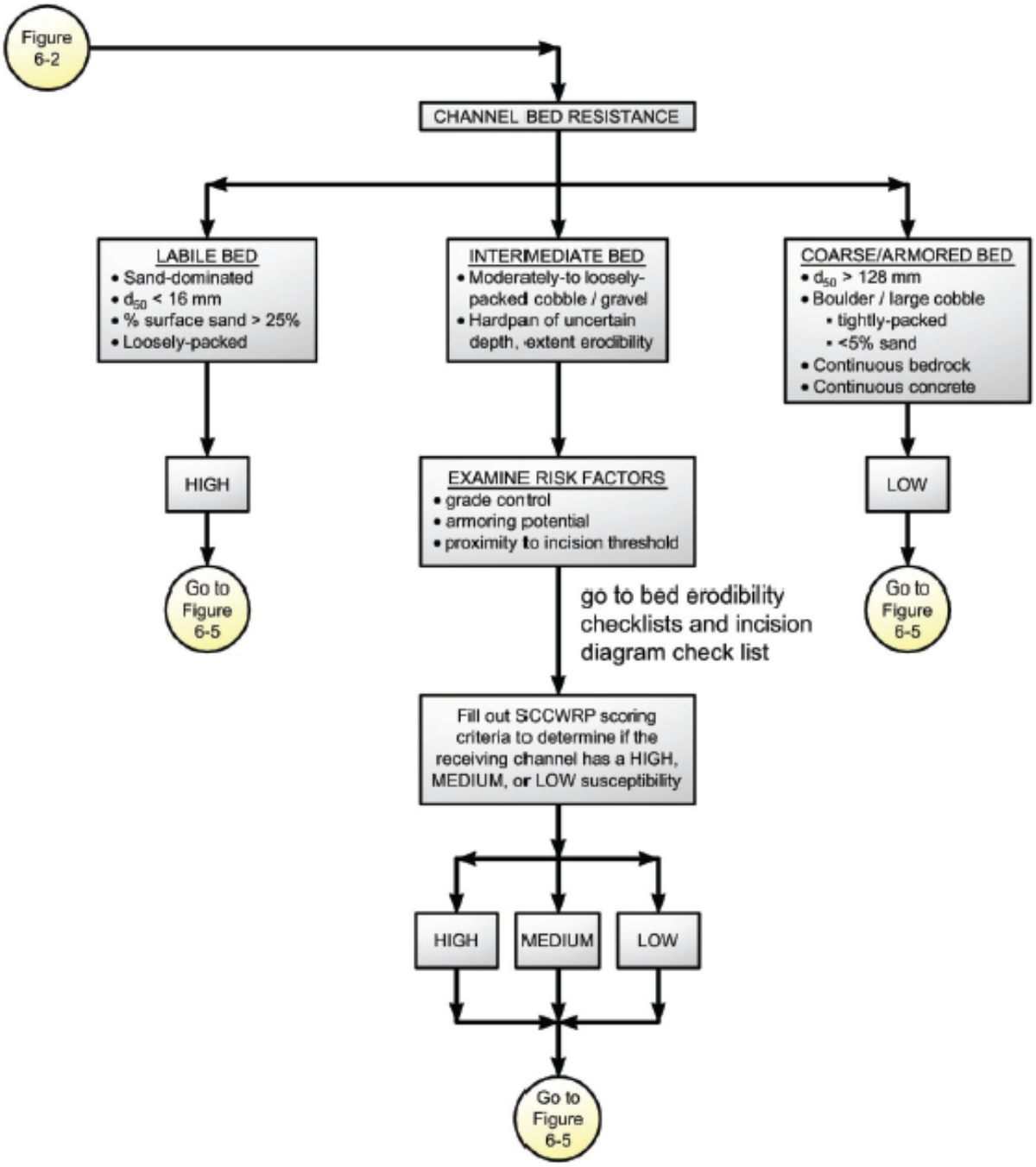


Figure 6-4. SCCWRP Vertical Susceptibility

Figure 5. SCCWRP Vertical Channel Susceptibility Matrix

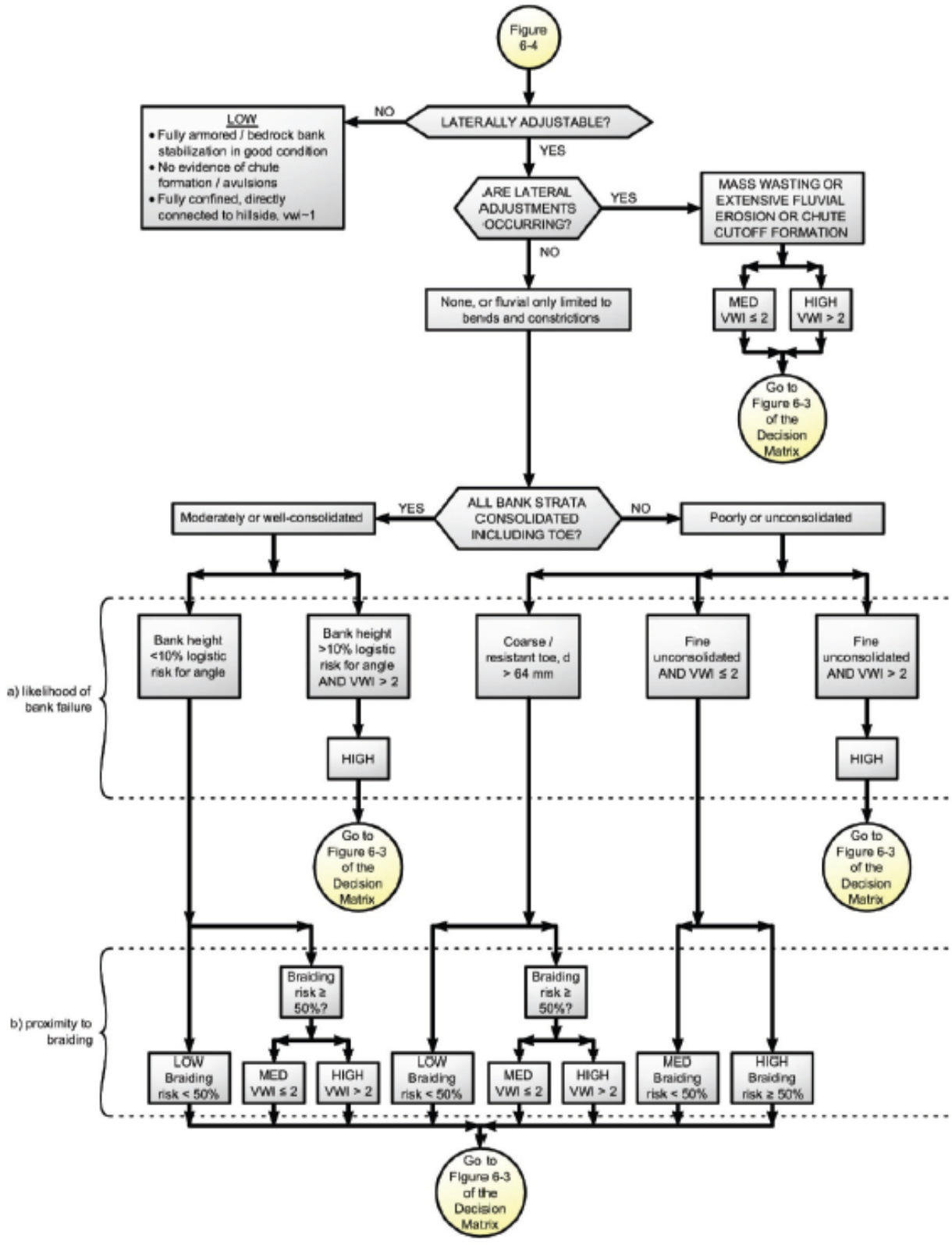


Figure 6-5. Lateral Channel Susceptibility

Figure 6. SCCWRP Lateral Channel Susceptibility Matrix

APPENDIX A

SCCWRP INITIAL DESKTOP ANALYSIS

FORM 1: INITIAL DESKTOP ANALYSIS

Complete all shaded sections.

IF required at multiple locations, circle one of the following site types:

Applicant Site / Upstream Extent / Downstream Extent

Location: Latitude: 33.13487 Longitude: -117.19513

Description (river name, crossing streets, etc.): Old Restaurant Row Redevelopment

Unnamed Natural Drainage Course - Tributary to Lower Las Posas Creek

GIS Parameters: The International System of Units (SI) is used throughout the assessment as the field standard and for consistency with the broader scientific community. However, as the singular exception, US Customary units are used for contributing drainage area (A) and mean annual precipitation (P) to apply regional flow equations after the USGS. See SCCWRP Technical Report 607 for example measurements and "Screening Tool Data Entry.xls" for automated calculations.

Form 1 Table 1. Initial desktop analysis in GIS.

Symbol		Variable	Description and Source	Value
Watershed properties (English units)	**A**	Area (mi^2)	Contributing drainage area to screening location via published Hydrologic Unit Codes (HUCs) and/or ≤ 30 m National Elevation Data (NED), USGS seamless server	See attached Form 1 table on next page for calculated values for each reach.
	P	Mean annual precipitation (in)	Area-weighted annual precipitation via USGS delineated polygons using records from 1900 to 1960 (which was more significant in hydrologic models than polygons delineated from shorter record lengths)	
Site properties (SI units)	**S_v**	Valley slope (m/m)	Valley slope at site via NED, measured over a relatively homogenous valley segment as dictated by hillslope configuration, tributary confluences, etc., over a distance of up to ~500 m or 10% of the main-channel length from site to drainage divide	
	W_v	Valley width (m)	Valley bottom width at site between natural valley walls as dictated by clear breaks in hillslope on NED raster, irrespective of potential armoring from floodplain encroachment, levees, etc. (imprecise measurements have negligible effect on rating in wide valleys where VWI is >> 2, as defined in lateral decision tree)	

Form 1 Table 2. Simplified peak flow, screening index, and valley width index. Values for this table should be calculated in the sequence shown in this table, using values from Form 1 Table 1.

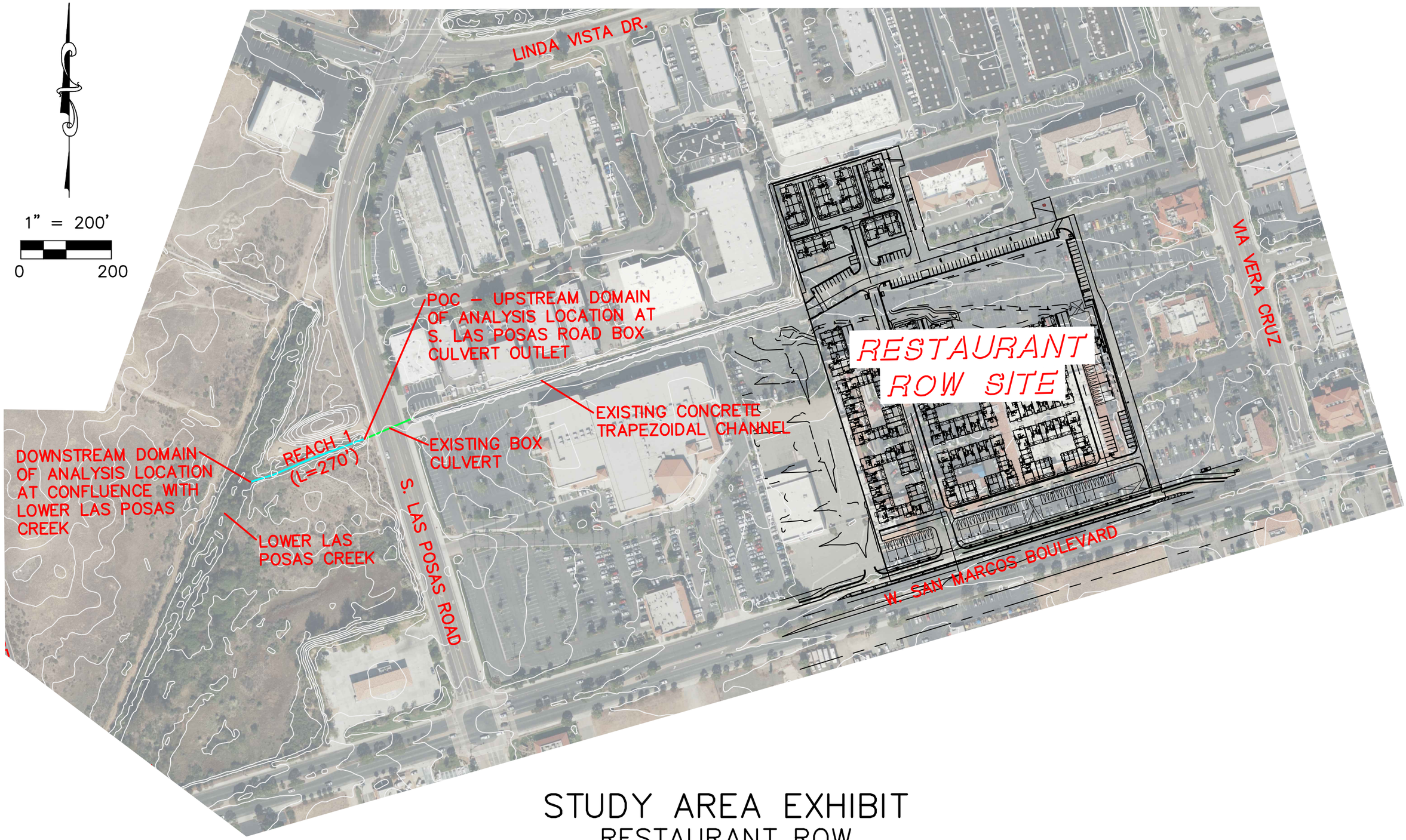
Symbol	Dependent Variable	Equation	Required Units	Value
Q_{10cfs}	10-yr peak flow (ft^3/s)	$Q_{10cfs} = 18.2 * A^{0.87} * P^{0.77}$	A (mi^2) P (in)	See attached Form 1 table on next page for calculated values for each reach.
Q_{10}	10-yr peak flow (m^3/s)	$Q_{10} = 0.0283 * Q_{10cfs}$	Q_{10cfs} (ft^3/s)	
INDEX	10-yr screening index ($m^{1.5}/s^{0.5}$)	$INDEX = S_v * Q_{10}^{0.5}$	Sv (m/m) Q_{10} (m^3/s)	
W_{ref}	Reference width (m)	$W_{ref} = 6.99 * Q_{10}^{0.438}$	Q_{10} (m^3/s)	
VWI	Valley width index (m/m)	$VWI = W_v/W_{ref}$	W_v (m) W_{ref} (m)	

(Sheet 1 of 1)

SCCWRP FORM 1 ANALYSES

Reach	Area A, sq. mi.	Mean Annual Precip. P, inches	Valley Slope Sv, m/m	Valley Width Wv, m	10-Year Flow Q10cfs, cfs	10-Year Flow Q10, cms
1	0.1559	15.85	0.0110	2.74	30.3	0.86

Reach	10-Year Screening Index INDEX	Reference Width Wref, m	Valley Width Index VWI, m/m
1	0.010	6.54	0.42



STUDY AREA EXHIBIT

RESTAURANT ROW

1" = 300'

0 300

99.80 AC

RESTAURANT ROW SITE

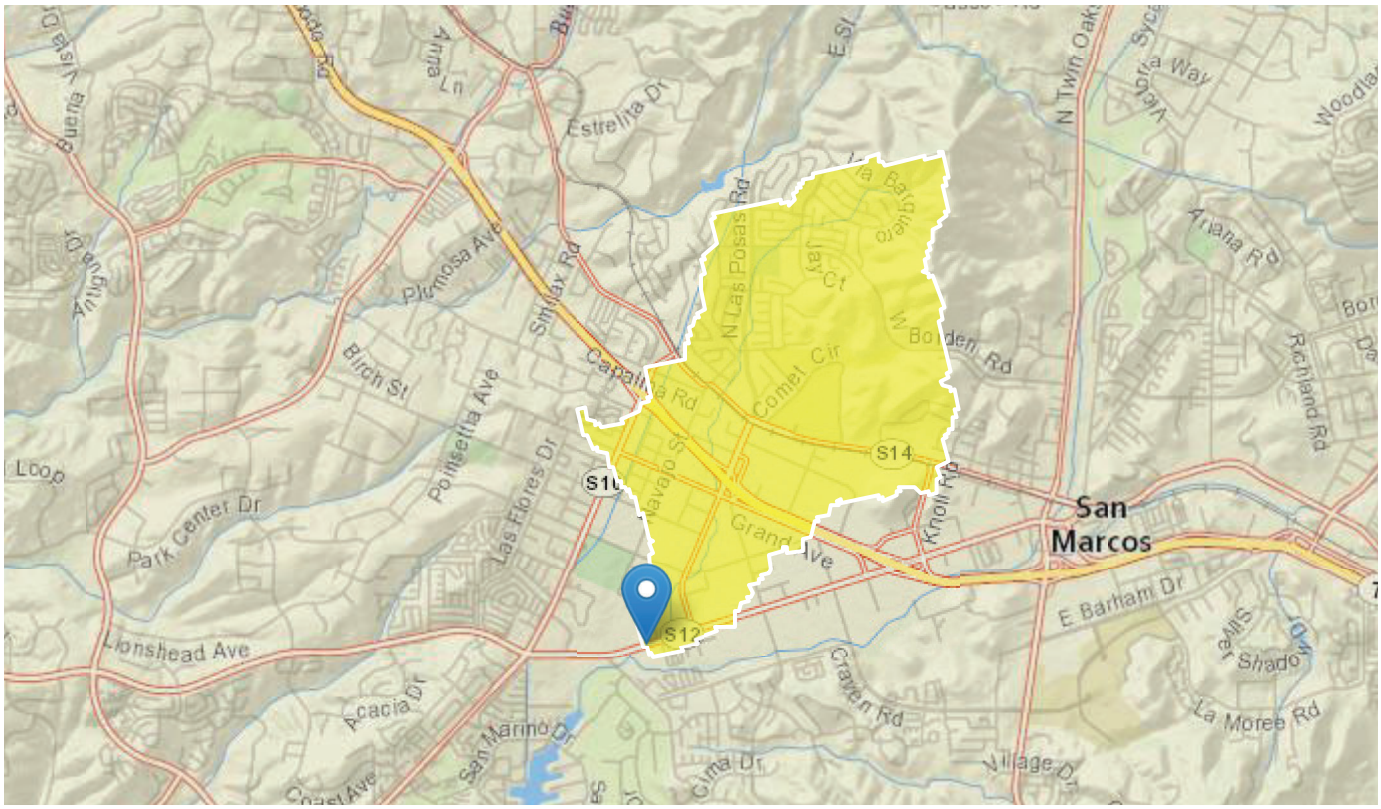
REACH 1

WATERSHED EXHIBIT
RESTAURANT ROW

Lower Las Posas Creek Watershed

StreamStats Report

Region ID: CA
Workspace ID: CA20210623052417894000
Clicked Point (Latitude, Longitude): 33.13205, -117.19805
Time: 2021-06-22 22:24:35 -0700

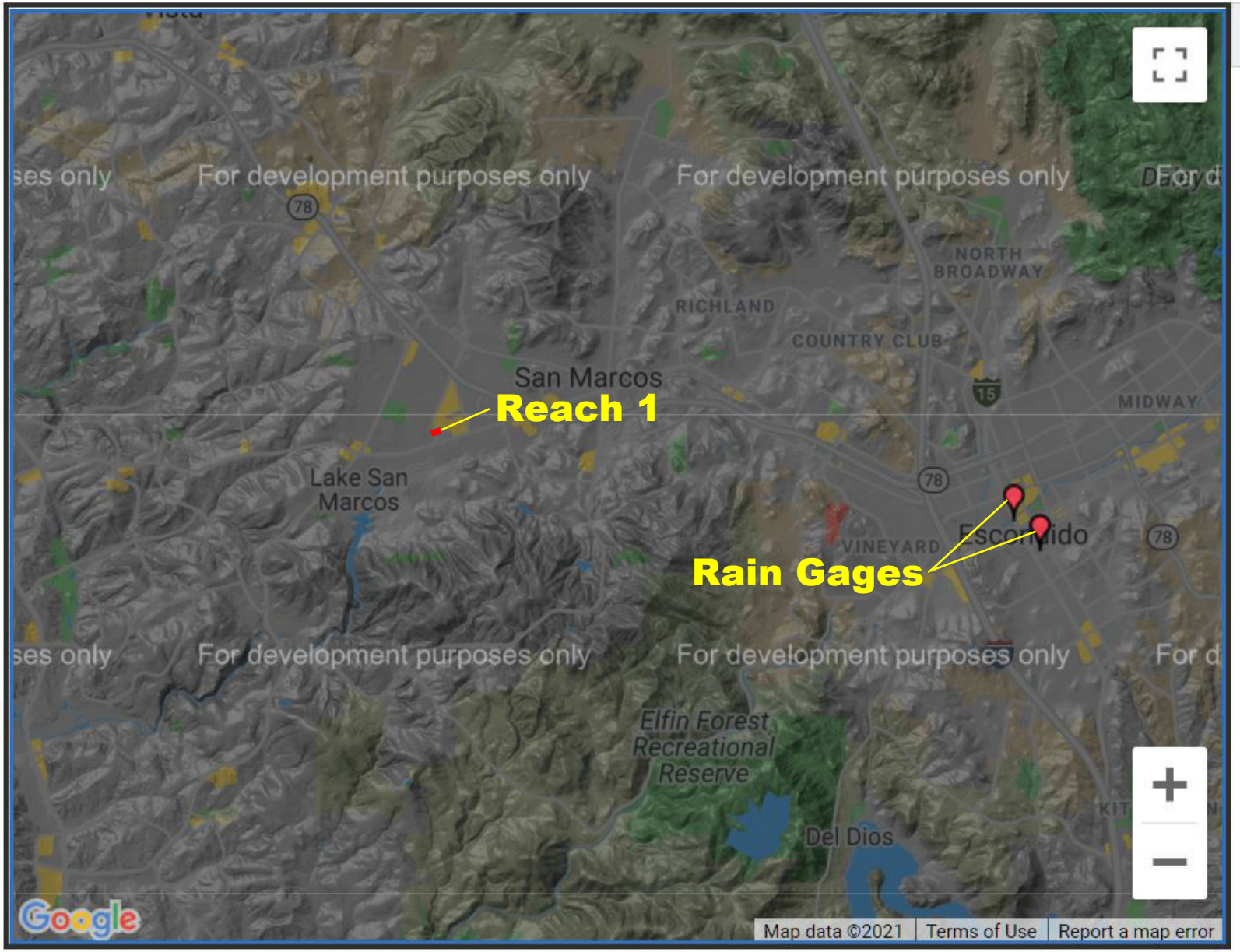


Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	2.612	square miles

General Disclaimers

US COOP Station Map



Rain Gages

ESCONDIDO, CALIFORNIA (042862)

Period of Record Monthly Climate Summary

Period of Record : 12/01/1893 to 03/31/1979

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	64.9	66.3	68.8	72.2	76.1	82.0	88.2	88.2	85.7	79.0	72.9	66.5	75.9
Average Min. Temperature (F)	37.1	39.7	42.4	46.0	50.5	54.0	58.0	58.6	55.1	48.7	41.2	37.4	47.4
Average Total Precipitation (in.)	3.24	3.11	2.68	1.32	0.47	0.09	0.03	0.13	0.23	0.70	1.54	2.67	16.22
Average Total SnowFall (in.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average Snow Depth (in.)						No	Data						

Percent of possible observations for period of record.
Max. Temp.: 99.7% Min. Temp.: 99.7% Precipitation: 99.7% Snowfall: 63.6% Snow Depth: 63.5%
Check Station Metadata or Metadata graphics for more detail about data completeness.

Western Regional Climate Center, wrcc@dri.edu

ESCONDIDO 2, CALIFORNIA (042863)

Period of Record Monthly Climate Summary

Period of Record : 5/ 1/1979 to 3/27/2013

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	69.0	69.0	70.3	74.5	76.6	82.0	87.2	88.6	86.6	79.9	73.3	68.9	77.2
Average Min. Temperature (F)	43.1	44.4	47.1	50.4	54.6	58.1	62.1	63.3	61.4	55.2	46.6	41.8	52.3
Average Total Precipitation (in.)	3.00	3.46	2.71	1.14	0.26	0.12	0.08	0.08	0.20	0.74	1.33	1.82	14.93
Average Total SnowFall (in.)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average Snow Depth (in.)	0	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.
Max. Temp.: 97.6% Min. Temp.: 97.1% Precipitation: 97.7% Snowfall: 98.1% Snow Depth: 98.1%
Check Station Metadata or Metadata graphics for more detail about data completeness.

Western Regional Climate Center, wrcc@dri.edu

APPENDIX B

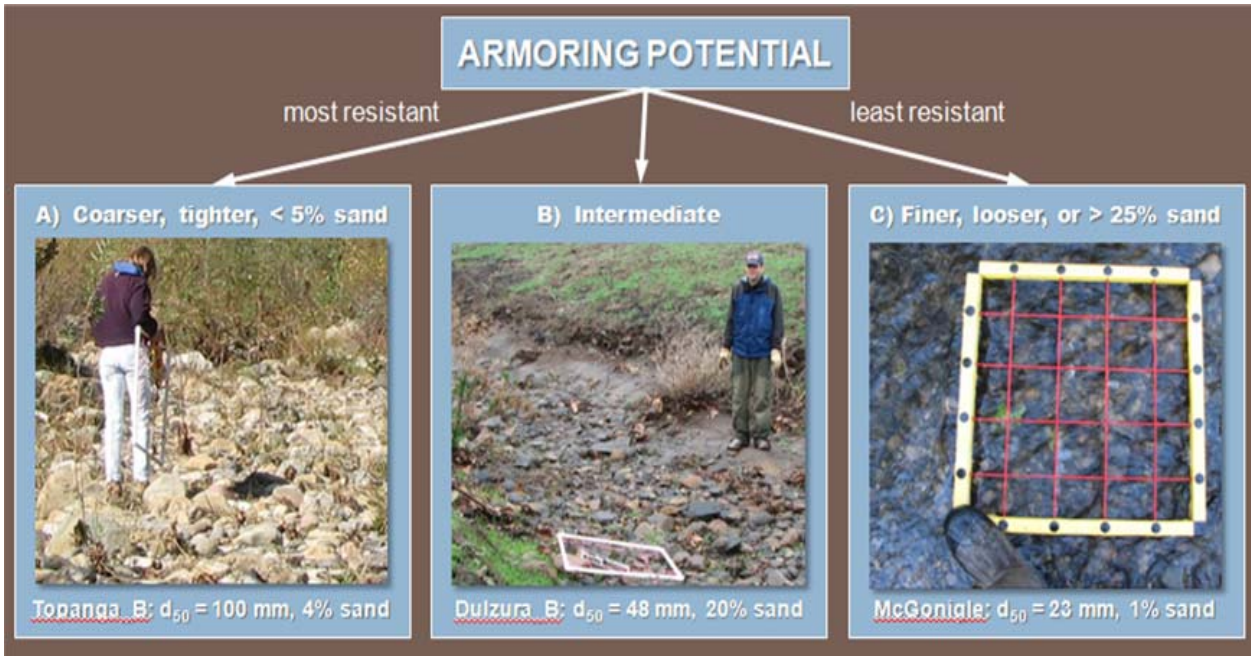
SCCWRP FIELD SCREENING DATA

Form 3 Support Materials

Form 3 Checklists 1 and 2, along with information recording in Form 3 Table 1, are intended to support the decisions pathways illustrated in Form 3 Overall Vertical Rating for Intermediate/Transitional Bed.

Form 3 Checklist 1: Armoring Potential

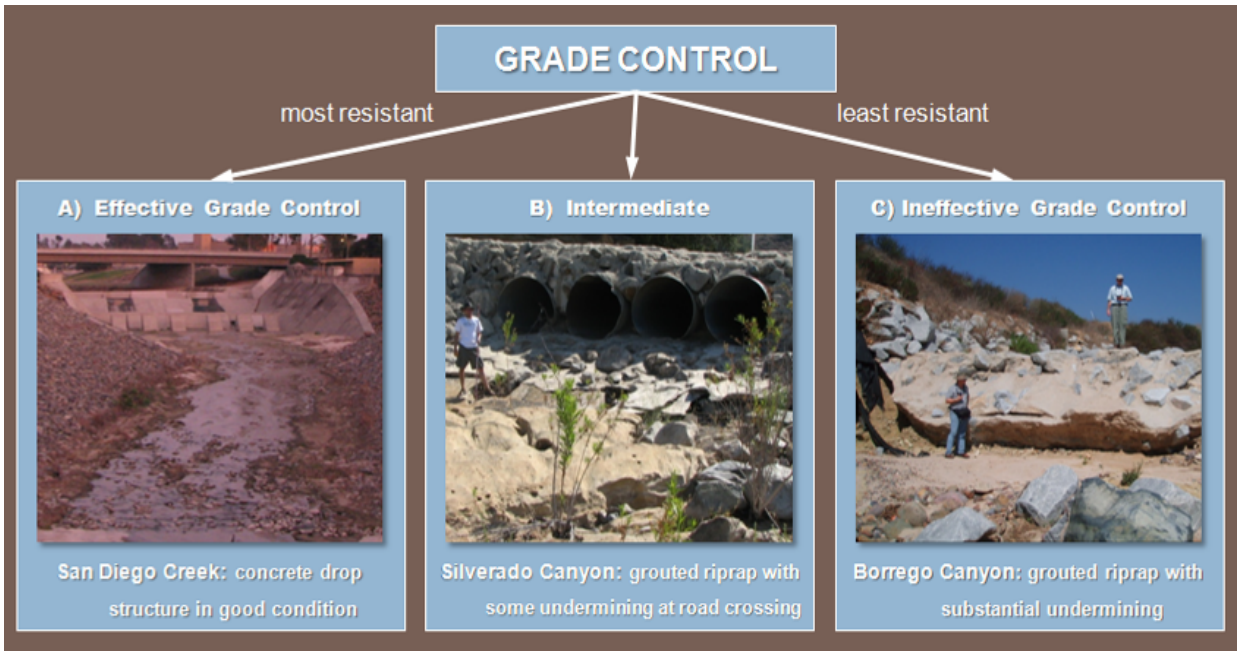
□	A	A mix of coarse gravels and cobbles that are tightly packed with <5% surface material of diameter <2 mm
X	B	Intermediate to A and C or hardpan of unknown resistance, spatial extent (longitudinal and depth), or unknown armoring potential due to surface veneer covering gravel or coarser layer encountered with probe
□	C	Gravels/cobbles that are loosely packed or >25% surface material of diameter <2 mm



Form 3 Figure 2. Armoring potential photographic supplement for assessing intermediate beds (16 < d_{50} < 128 mm) to be used i**n conjunction with Form 3 Checklist 1.**

Form 3 Checklist 2: Grade Control

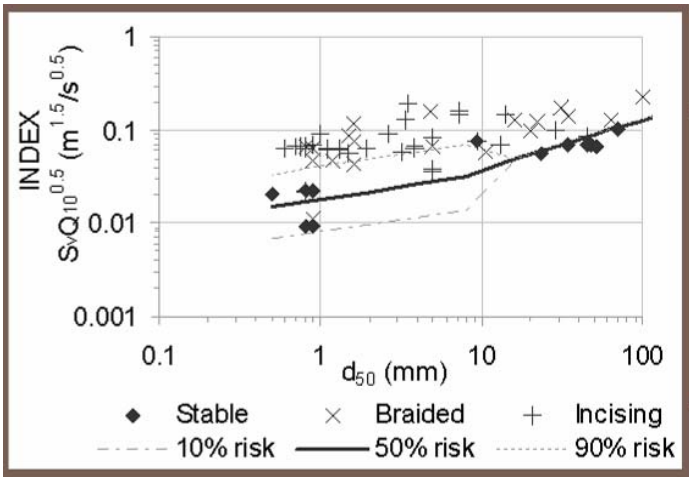
x	A	Grade control is present with spacing <50 m or $2/S_v$ m • No evidence of failure/ineffectiveness, e.g., no headcutting (>30 cm), no active mass wasting (analyst cannot say grade control sufficient if mass-wasting checklist indicates presence of bank failure), no exposed bridge pilings, no culverts/structures undermined • Hard points in serviceable condition at decadal time scale, e.g., no apparent undermining, flanking, failing grout • If geologic grade control, rock should be resistant igneous and/or metamorphic; For sedimentary/hardpan to be classified as 'grade control', it should be of demonstrable strength as indicated by field testing such as hammer test/borings and/or inspected by appropriate stakeholder
□	B	Intermediate to A and C – artificial or geologic grade control present but spaced 2/Sv m to 4/Sv m or potential evidence of failure or hardpan of uncertain resistance
□	C	Grade control absent, spaced >100 m or $>4/S_v$ m, or clear evidence of ineffectiveness



Form 3 Figure 3. Grade-control (condition) photographic supplement for assessing intermediate beds ($16 < d_{50} < 128$ mm) to be used in conjunction with Form 3 Checklist 2.

Regionally-Calibrated Screening Index Threshold for Incising/Braiding

For transitional bed channels (d_{50} between 16 and 128 mm) or labile beds (channel not incised past critical bank height), use Form 3 Figure 3 to determine Screening Index Score and complete Form 3 Table 1.



Model Type	d_{50} (mm)	50% Risk $S_vQ_{10}^{0.5}$ ($m^{1.5}/s^{0.5}$)
Logistic Regression $d_{50} \geq 16$ mm	128	0.145
	96	0.125
	80	0.114
	64	0.101
	48	0.087
	32	0.070
	16	0.049
Logistic Reg. $d_{50} < 16$ mm	8	0.031
	4	0.026
	2	0.022
	1	0.018
	0.5	0.015

Form 3 Figure 4. Probability of incising/braiding based on logistic regression of Screening Index and d_{50} to be used in conjunction with Form 3 Table 1.

Form 3 Table 1. Values for Screening Index Threshold (probability of incising/braiding) to be used in conjunction with Form 3 Figure 4 (above) to complete Form 3 Overall Vertical Rating for Intermediate/Transitional Bed (below).. Screening Index Score: A = <50% probability of incision for current Q_{10}, valley slope, and d_{50}; B = Hardpan/d_{50} indeterminate; and C = ≥50% probability of incising/braiding for current Q_{10}, valley slope, and d_{50}.

d_{50} (mm) *From Form 2*	$S_v{*}Q_{10}^{0.5}$ ($m^{1.5}/s^{0.5}$) *From Form 1*	$S_v{*}Q_{10}^{0.5}$ ($m^{1.5}/s^{0.5}$) *50% risk of incising/braiding from table in Form 3 Figure 3 above*	Screening Index Score (A, B, C)

Overall Vertical Rating for Intermediate/Transitional Bed

Calculate the overall Vertical Rating for Transitional Bed channels using the formula below. Numeric values for responses to Form 3 Checklists and Table 1 as follows: A = 3, B = 6, C = 9.

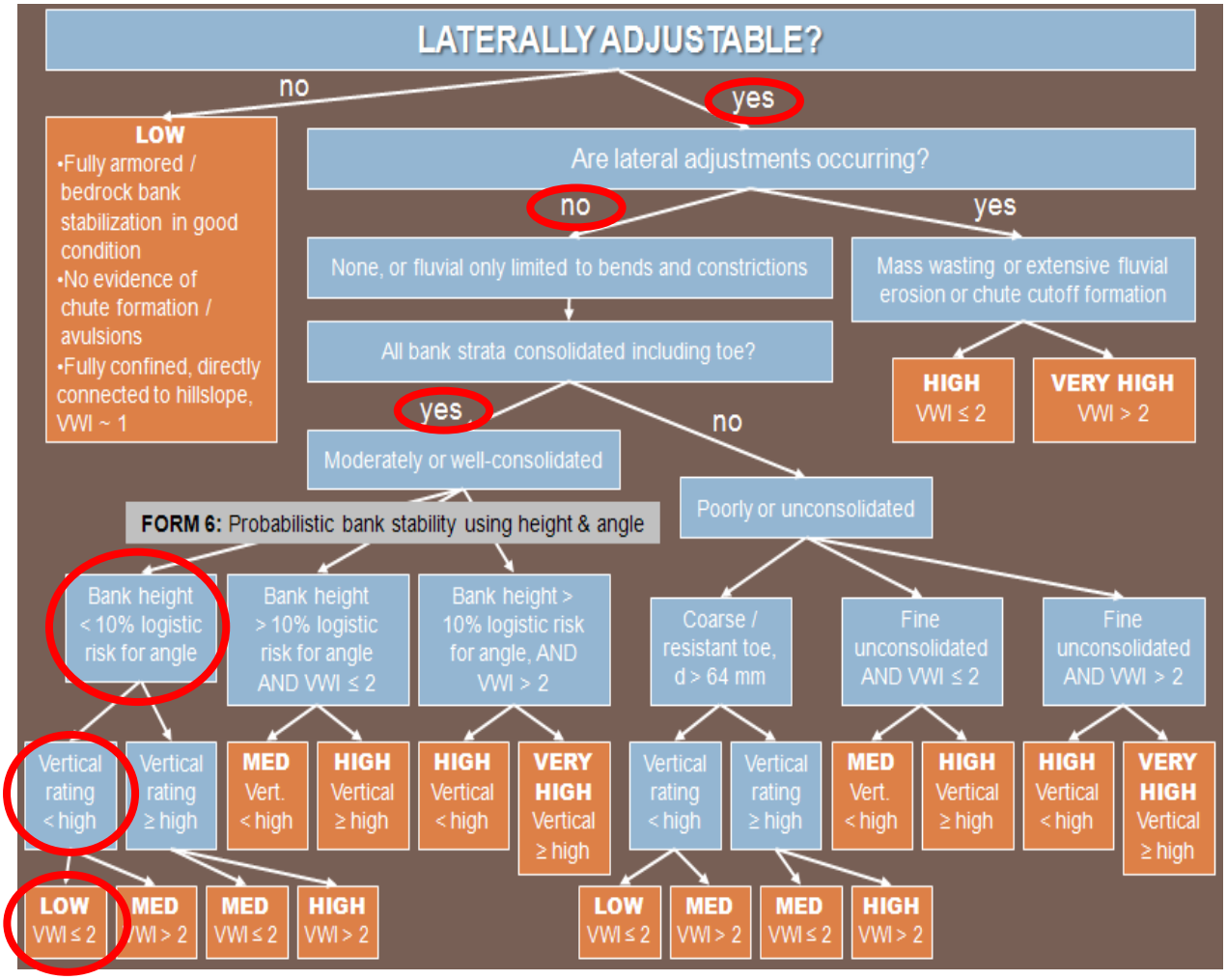
$$Vertical\ Rating = \sqrt{\{(\sqrt{armoring} * grade\ control) * screening\ index\ score\}}$$

6 x 3 x 3 = 3.6

Vertical Susceptibility based on Vertical Rating: <4.5 = LOW; 4.5 to 7 = MEDIUM; and >7 = HIGH.

FORM 4: LATERAL SUSCEPTIBILTY FIELD SHEET

Circle appropriate nodes/pathway for proposed site
OR use sequence of questions provided in Form 5.



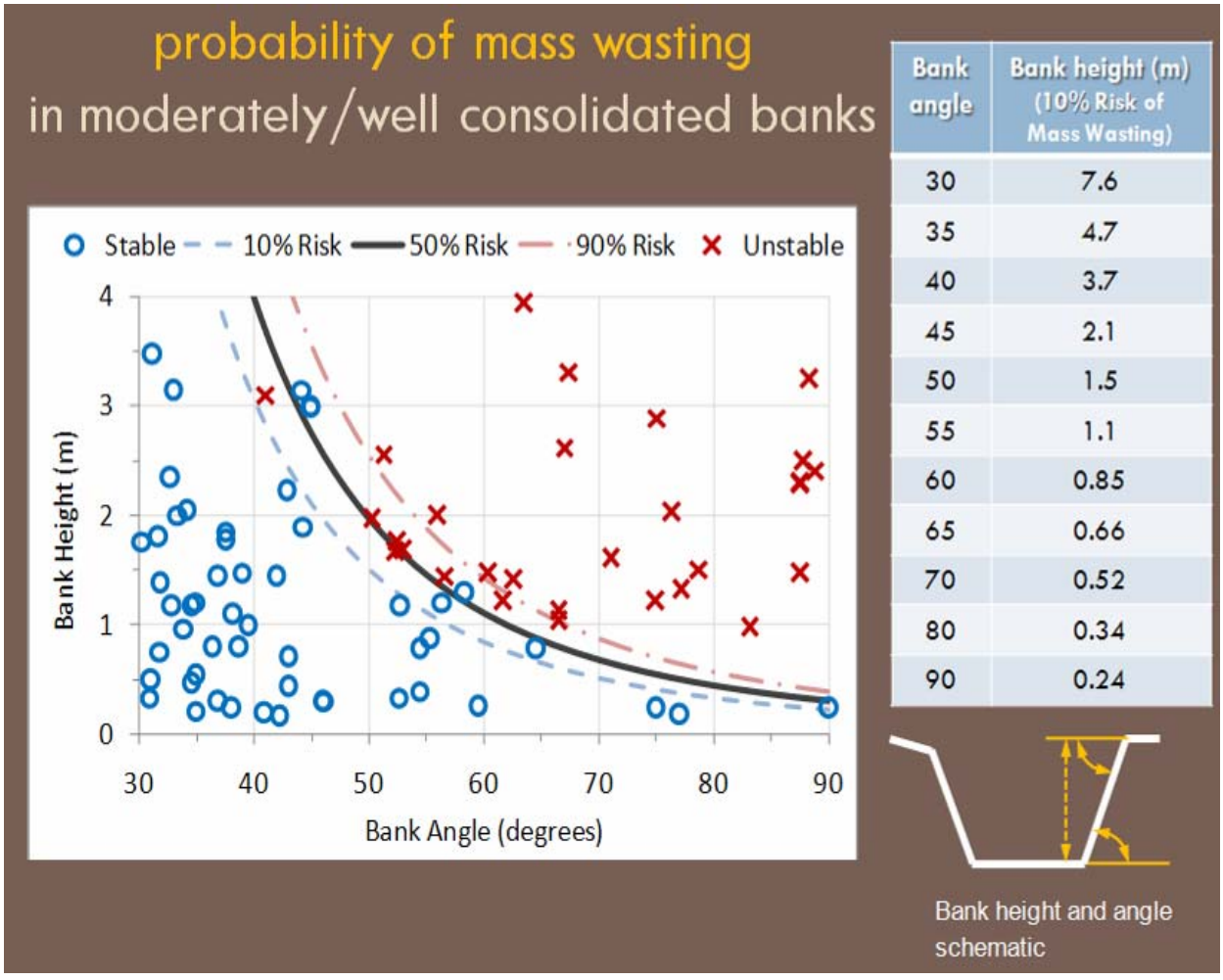
(Sheet 1 of 1)

REACH 1 RESULTS

FORM 6: PROBABILITY OF MASS WASTING BANK FAILURE

If mass wasting is not currently extensive and the banks are moderately- to well-consolidated, measure bank height and angle at several locations (i.e., at least three locations that capture the range of conditions present in the study reach) to estimate representative values for the reach. Use Form 6 Figure 1 below to determine if risk of bank failure is >10% and complete Form 6 Table 1. Support your results with photographs that include a protractor/rod/tape/person for scale.

	Bank Angle (degrees) *(from Field)*	**Bank Height (m)** *(from Field)*	**Corresponding Bank Height for 10% Risk of Mass Wasting (m)** *(from Form 6 Figure 1 below)*	**Bank Failure Risk** *(<10% Risk) (>10% Risk)*
Left Bank	26.6 degrees (2:1) ---	---	---	<10%
Right Bank	26.6 degrees (2:1) ----	---	---	<10%

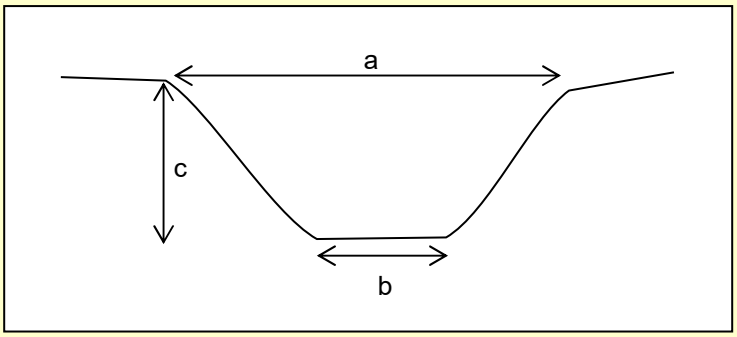


Form 6 Figure 1. Probability Mass Wasting diagram, Bank Angle:Height/% Risk table, and Band Height:Angle schematic.

Critical Flow Calculator

Reach 1

enter all values in green cells
and drop down boxes



Inputs

a) Receiving channel width at top of bank (ft) - see figure on right	25.0
b) Channel width at bed (ft)	9.0
c) Bank height at top of bank (ft)	4.0
Channel gradient (ft/ft)	0.0110

Receiving channel roughness: Light brush and trees, leaves not present n=0.06

Channel materials (use weakest of bed or banks). If materials are varied use weakest material covering more than 20% of channel.

- unconsolidated sandy loam 0.035 lb/sq ft
- alluvial silt (non coloidal) 0.045 lb/sq ft
- medium gravel 0.12 lb/sq ft
- alluvial silt/clay 0.26 lb/sq ft
- 2.5 inch cobble 1.1 lb/sq ft
- enter own d50 (variable)
- vegetation (bed and banks) 0.6 lb/sq ft

Select method of calculating Q2

- Input own Q2
- Calculate Q2 using USGS regression

Receiving water watershed annual precip (inches)	15.85	Receiving water watershed area at PoC (sq mi)	0.1559
Project watershed annual precipitation (inches)	15.85	Project watershed area draining to PoC (sq mi)	0.1559

Outputs - Flow control range

Receiving water Q2	3.2	**Point of Compliance low flow rate (cfs)**	**1.6**
Project site Q2	3.2	**Low flow class**	**0.5Q2**
		Channel vulnerability	**Low**

ATTACHMENT 2D

HYDROMODIFICATION MANAGEMENT STUDY
RESTAURANT ROW

SP22-0004 GPA22-0002 R22-0002
TSM 22-0003 SDP 22-0006
City of San Marcos, CA

July 19, 2023

Prepared For:

Lennar Homes of California, Inc.
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Prepared By:

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Under the supervision of

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Registration Expires 06/30/25

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1. INTRODUCTION

This Hydromodification Management Study has been prepared in support of the Tentative Map Entitlement submittal for the Restaurant Row project, which is located in the City of San Marcos west of State Route 78 (SR 78), bounded by West San Marcos Boulevard and Via Vera Cruz.. This report is a companion report to the following project technical studies:

- Hydrology/Drainage Study for Restaurant Row, prepared by Project Design Consultants
- Storm Water Quality Management Plan (SWQMP), prepared by Project Design Consultants
- Project Downstream Channel SCCWRP Analysis, prepared by Chang Consultants, entitled "Hydromodification Screening for Restaurant Row."

The purpose of this report is to document the project's compliance with the City's Final Hydromodification Management Plan (HMP). The stated purpose of the final hydromodification management requirements for PDPs is "…to minimize the potential of storm water discharges from the MS4 from causing altered flow regimes and excessive downstream erosion in receiving waters" (City of San Marcos BMP Design Manual, page 6-1). Flow duration control is the most common form of hydromodification management. Unless a project meets an exemption or is granted prior lawful approval, the County Hydromodification Management Plan (HMP) requires that all priority projects comply with the HMP. Since the project's Point of Compliance (POC) does not qualify for an exemption, the project is required to address the applicability of Final HMP requirements.

2. PROJECT DESCRIPTION

The site is approximately 10 acres in size and located in the City of San Marcos west of State Route 78 (SR 78), bounded by West San Marcos Boulevard and Via Vera Cruz. The site in the existing condition is bounded by a Wells Fargo, a Buffalo Wild Wings and similar restaurants to the east, and some home health service buildings to the north.

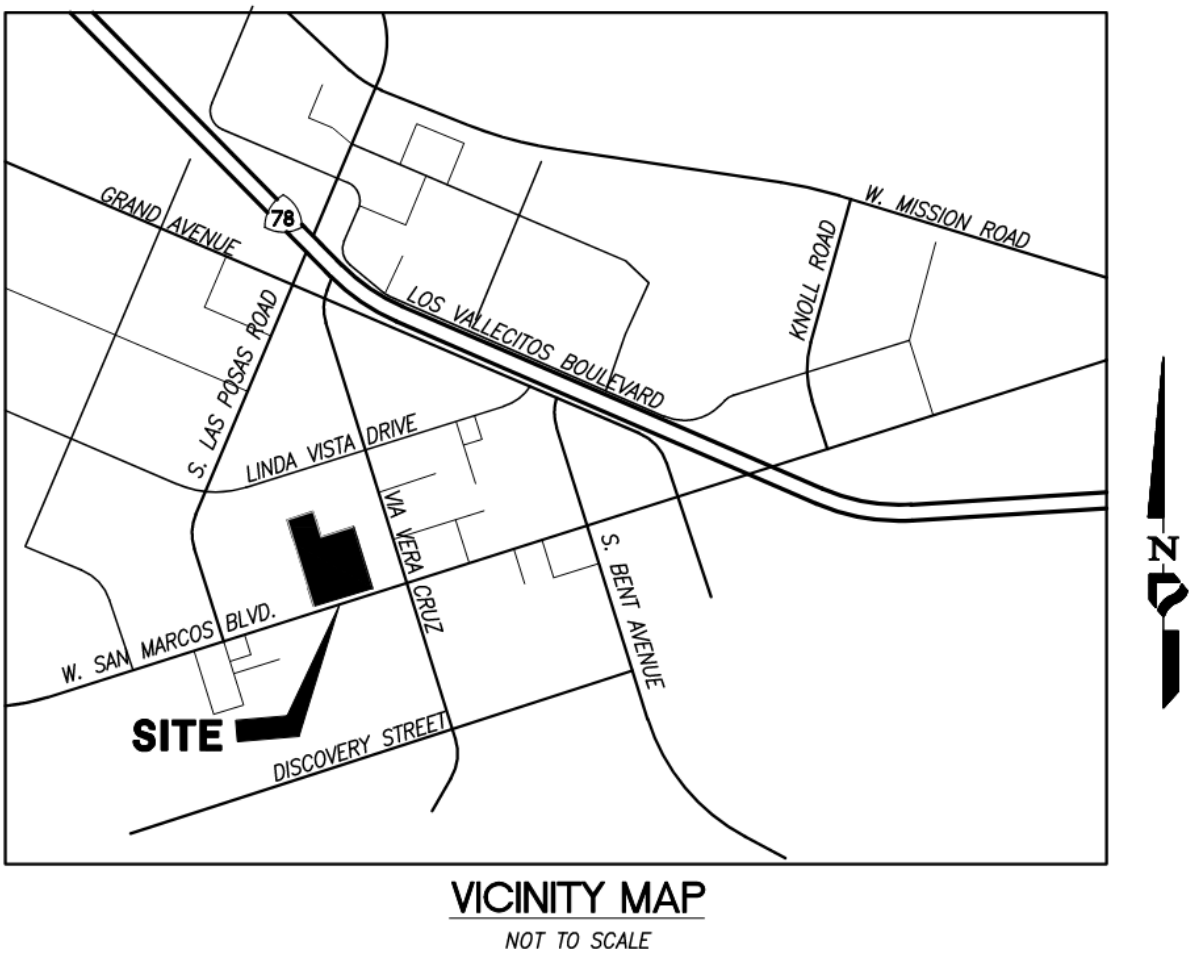


Figure 1: Project Vicinity Map

The project proposes a mixed use zone that incorporates retail storefronts, urban living, and community destinations in a vertical pedestrian-oriented setting. Residential units will encompass the majority of the site, including live-work units and town over commercial units along the project frontage.

The project lies within an existing 100-year floodway and floodplain, just downstream of the San Marcos Creek highway 78. Under existing condition, the project area consist of commercial development with a large parking lot area and a number of restaurants. The project site generally drains towards the center, towards the middle of the large parking lot. Surface grates along the project site collect project runoff and convey the runoff towards an existing 30" pipe that runs through the project site. This 30" pipe connects a 36" x 60" elliptical pipe in Via Vera Cruz to an

existing concrete channel west of the site. San Marcos Creek is located southwest of the project site, downstream of the project outfall point.

The project proposes a mixed use zone that incorporates retail storefronts, urban living, and community destinations in a vertical pedestrian-oriented setting. To maintain the pedestrian-oriented setting, the ground floor will be limited to retail and other active uses along the primary street frontage of Via Vera Cruz and West San Marcos Boulevard. Residential units will encompass the majority of the site, including homes over commercial units along the project frontage. Another project known as the Sears Site, under a different developer, is adjacent and west of this project. The Sears Site and this project (Restaurant Row) are designed in conjunction to provide a pedestrian paseo access between both sites. The pedestrian access is designed throughout this project connecting to the Sears Site in order to provide pedestrian access from Buffalo Wild Wings to Edwards Cinema's. This pedestrian paseo corridor also serves as a secure, illuminated pedestrian access throughout the project site. A flood park is implemented in the existing floodway with a variety of ammenities tolerant of inundation. The proposed site will allow for opportunity to program special events for the community. In addition, a smaller residential park is proposed just south and out of the floodway in order to provide playground structures for children of different age groups.

The dual 36" pipe discharges to the existing concrete channel and is subject to hydromodification compliance; see associated calculations in this report. The entire site discharges to one Point of Compliance (POC).

3. HYDROMODIFICATION MANAGEMENT APPROACH

The project will comply with final hydromodification requirements through flow control management for the portions of the project that require hydromodification mitigation. The entire site discharges to one Point of Compliance (POC).

The entire project site requires hydromodification, including the flood park portion. The park in the middle of the site plan proposes new impervious surface, which needs to meet hydromodification requirements. However, due to the floodway, no hydromodification BMP is allowed within the floodway limits in the park. Therefore, the three on-site hydromodification vaults will over-mitigate to offset the hydromodification requirements for the bypass areas, which includes the proposed impervious areas of the park. The entire project site is tributary to one discharge location (the existing concrete channel), therefore the hydromodification model is modeled to combine to one POC for compliance purposes. The park in the floodway and the edge condition areas along the project site are modeled as bypass areas that discharge directly to the POC in PCSWMM.

3.1 Basin Modeling Assumptions

This study identifies one hydromodification management detention system needed to mitigate the increased rates and durations of stormwater runoff to the POC. This Hydromodification Management Study identifies a conservative estimate for the concrete vaults and will be refined in final engineering and as the design progresses. The proposed hydromodification management volumes have been modeled conservatively with no infiltration into native soils. The geotechnical engineer has recommended that the site's BMPs be designed to avoid infiltration.

Table 1. Continuous Simulation Model Input Parameters

Total Drainage Area	11.1 acres
Pre-project land cover	Soil Types C and D
Post-project land cover	Soil Types C and D
Rainfall Gage	Escondido
Low Flow Threshold	0.5Q2 low-flow threshold
Upper Flow Threshold	Q10 based on PCSWMM partial duration statistics

3.2 Flow Duration Curves for Hydromodification Compliance

The pre and post developed flow duration exceedance curves were developed for the hourly flow data using an automatic partial duration series calculator in PCSWMM. These curves are graphed over the flow ranges provided in Appendix 2. In all cases the duration of post developed flows are brought to within that of the pre developed flows for a fraction of the two-year flow to the ten-

year flow indicating that the suite of BMPs will provide the flow attenuation required for compliance.

3.3 Drawdown

All three hydromodification vaults are designed to be compliant with DEH guidelines. Therefore, they will all drain with a time frame less than 96 hours. In addition to drawdown for hydromodification requirements, drawdown for the lower portion of the vault will comply with water quality requirements.

4.0 SUMMARY

The pre-developed conditions of the Restaurant Row project site were modelled in PCSWMM to determine a baseline of flow durations that would need to be controlled in the post-developed conditions. The proposed Restaurant Row development was modelled in PCSWMM with a number of hydromodification vaults. Modular Wetlands would be used to treat for pollutant removal. Based on the SWMM model results for this study it is determined that the vaults sized for the POC will be adequate to meet hydromodification compliance.

APPENDIX 1

Summary Tables

Pre Condition

Statistics - Node POC1 Total Inflow

Rank	Start Date	Event Duration (hours)	Event Peak (CFS)	Exceedance Frequency (percent)	Return Period (years)
1	1/6/1993	100	7.509	0.14	46
2	1/3/1995	39	6.664	0.27	23
3	12/3/1966	94	6.061	0.41	15.33
4	3/16/1978	46	5.933	0.54	11.5
5	2/14/1986	29	5.854	0.68	9.2
6	3/1/1983	68	5.805	0.82	7.67
7	1/14/1978	50	5.67	0.95	6.57
8	2/14/1998	16	5.365	1.09	5.75
9	2/23/1971	14	5.329	1.22	5.11
10	1/27/1980	75	5.009	1.36	4.6
11	1/24/1969	67	4.862	1.49	4.18
12	1/24/1995	51	4.798	1.63	3.83
13	12/24/1983	27	4.557	1.77	3.54
14	2/8/1981	40	4.411	1.9	3.29
15	11/22/1965	31	4.268	2.04	3.07
16	11/19/1967	32	4.198	2.17	2.88
17	8/26/2007	4	4.103	2.31	2.71
18	4/20/1988	43	4.007	2.45	2.56
19	1/7/2005	114	3.85	2.58	2.42
20	1/5/1979	27	3.775	2.72	2.3
21	11/24/1983	7	3.749	2.85	2.19
22	2/7/1993	51	3.734	2.99	2.09
23	11/14/1972	6	3.72	3.13	2
24	4/11/1967	22	3.581	3.26	1.92
25	1/9/1998	32	3.574	3.4	1.84
26	2/13/1980	191	3.341	3.53	1.77
27	3/2/1980	23	3.335	3.67	1.7
28	1/12/1993	43	3.326	3.8	1.64
29	3/19/1991	58	3.22	3.94	1.59
30	12/18/1967	43	3.169	4.08	1.53
31	10/17/2004	83	3.154	4.21	1.48
32	1/30/2007	21	3.131	4.35	1.44
33	10/27/2004	14	3.128	4.48	1.39
34	2/3/1998	11	3.08	4.62	1.35
35	3/4/1970	7	3.056	4.76	1.31
36	11/24/1985	26	3.035	4.89	1.28
37	2/26/2004	9	2.978	5.03	1.24
38	3/5/1995	23	2.883	5.16	1.21
39	2/15/1992	10	2.768	5.3	1.18
40	1/7/1980	131	2.739	5.43	1.15
41	3/17/1982	63	2.67	5.57	1.12
42	11/29/1985	14	2.637	5.71	1.1
43	11/30/2007	19	2.582	5.84	1.07
44	2/5/1969	40	2.472	5.98	1.05
45	2/28/1970	45	2.442	6.11	1.02
46	5/8/1977	40	2.376	6.25	1

10-year Q:	5.881	cfs
5-year Q:	5.260	cfs
2-year Q:	3.720	cfs
Lower Flow Threshold:	50%	
0.5xQ2 (Pre):	1.860	cfs

Post Condition

Statistics - Node POC1 Total Inflow

Rank	Start Date	Event Duration (hours)	Event Peak (CFS)	Exceedance Frequency (percent)	Return Period (years)
1	1/3/1995	59	7.035	0.11	46
2	12/3/1966	106	6.508	0.23	23
3	1/6/1993	119	5.948	0.34	15.33
4	2/23/1971	25	5.471	0.45	11.5
5	11/19/1967	105	4.983	0.57	9.2
6	2/14/1998	102	4.702	0.68	7.67
7	1/14/1978	62	4.559	0.79	6.57
8	1/27/1980	84	4.528	0.9	5.75
9	3/16/1978	50	4.49	1.02	5.11
10	2/26/1983	144	4.479	1.13	4.6
11	2/14/1986	32	4.196	1.24	4.18
12	11/22/1965	90	4.171	1.36	3.83
13	8/26/2007	18	4.159	1.47	3.54
14	2/8/1981	43	4.15	1.58	3.29
15	1/24/1969	119	3.84	1.7	3.07
16	12/24/1983	74	3.732	1.81	2.88
17	11/24/1985	36	3.537	1.92	2.71
18	2/7/1993	61	3.374	2.04	2.56
19	1/5/1979	40	3.316	2.15	2.42
20	3/2/1980	28	3.222	2.26	2.3
21	1/23/1995	89	3.195	2.38	2.19
22	11/30/2007	33	3.164	2.49	2.09
23	2/13/1980	199	3.109	2.6	2
24	1/7/2005	121	3.096	2.71	1.92
25	1/29/2007	45	2.976	2.83	1.84
26	3/5/1995	40	2.96	2.94	1.77
27	4/11/1967	29	2.939	3.05	1.7
28	12/4/1974	25	2.922	3.17	1.64
29	11/24/1983	20	2.809	3.28	1.59
30	11/14/1972	19	2.809	3.39	1.53
31	4/19/1988	63	2.757	3.51	1.48
32	3/19/1991	65	2.75	3.62	1.44
33	10/27/2004	35	2.697	3.73	1.39
34	10/17/2004	97	2.649	3.85	1.35
35	1/9/1998	52	2.633	3.96	1.31
36	1/7/1980	134	2.565	4.07	1.28
37	2/28/1970	58	2.49	4.19	1.24
38	11/21/1996	38	2.438	4.3	1.21
39	12/18/1967	45	2.427	4.41	1.18
40	1/22/1967	72	2.426	4.52	1.15
41	11/29/1985	27	2.405	4.64	1.12
42	5/8/1977	41	2.403	4.75	1.1
43	11/17/1986	24	2.398	4.86	1.07
44	1/12/1993	159	2.357	4.98	1.05
45	3/19/1981	20	2.328	5.09	1.02
46	2/3/1998	44	2.326	5.2	1

10-year Q: 5.153 cfs
5-year Q: 4.488 cfs
2-year Q: 3.109 cfs

Lower Flow Threshold: 50%

0.5xQ2 (Pre): 1.555 cfs

APPENDIX 2

SWMM Output

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

Restaurant Row-Pre Condition

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 9
Number of nodes 1
Number of links 0
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Escondido	Escondido	INTENSITY	60 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
BYPASS1	0.15	20.00	0.00	1.0000	Escondido	POC1
BYPASS2	0.02	20.00	0.00	0.5000	Escondido	POC1
BYPASS3	0.30	30.00	0.00	0.5000	Escondido	POC1
BYPASS4	0.01	20.00	0.00	0.5000	Escondido	POC1
DMA1	2.68	170.00	0.00	2.0000	Escondido	POC1
DMA2	4.03	220.00	0.00	2.0000	Escondido	POC1
DMA3	1.09	120.00	0.00	2.0000	Escondido	POC1
DMA5	1.17	200.00	0.00	0.5000	Escondido	POC1
DMA6	1.62	202.00	17.90	0.5000	Escondido	POC1

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
POC1	OUTFALL	0.00	0.00	0.0	

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... CFS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... NO
  Water Quality ..... NO
Infiltration Method ..... GREEN_AMPT
Starting Date 09/04/1963 03:00:00
Ending Date 05/25/2008 23:00:00
Antecedent Dry Days 0.0
Report Time Step 01:00:00
Wet Time Step 00:10:00
Dry Time Step 01:00:00

Runoff Quantity Continuity	Volume acre-feet	Depth inches
Total Precipitation	563.832	611.200
Evaporation Loss	25.485	27.626
Infiltration Loss	397.628	431.033
Surface Runoff	143.037	155.053
Final Storage	0.000	0.000
Continuity Error (%)	-0.411	

Flow Routing Continuity	Volume acre-feet	Volume 10^6 gal
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	143.037	46.611
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000

External Inflow	0.000	0.000
External Outflow	143.037	46.611
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.000	

****
Subcatchment Runoff Summary
****

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Imperv Runoff in	Perv Runoff in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
BYPASS1	611.20	0.00	25.12	441.27	0.00	147.31	147.31	0.60	0.11	0.241
BYPASS2	611.20	0.00	23.44	427.14	0.00	163.63	163.63	0.09	0.02	0.268
BYPASS3	611.20	0.00	26.14	449.26	0.00	138.14	138.14	1.13	0.19	0.226
BYPASS4	611.20	0.00	22.88	425.73	0.00	166.11	166.11	0.05	0.01	0.272
DMA1	611.20	0.00	25.85	444.07	0.00	143.64	143.64	10.45	1.80	0.235
DMA2	611.20	0.00	26.18	445.45	0.00	141.92	141.92	15.53	2.60	0.232
DMA3	611.20	0.00	24.92	440.05	0.00	148.76	148.76	4.40	0.82	0.243
DMA5	611.20	0.00	28.06	428.87	0.00	156.98	156.98	4.99	0.84	0.257
DMA6	611.20	0.00	36.26	364.86	95.27	117.85	213.13	9.38	1.18	0.349

Analysis begun on: Tue May 2 13:56:44 2023
Analysis ended on: Tue May 2 13:56:50 2023
Total elapsed time: 00:00:06

EPA STORM WATER MANAGEMENT MODEL - VERSION 5.1 (Build 5.1.015)

Post Condition Rest. Row

****
Element Count
****
Number of rain gages 1
Number of subcatchments ... 10
Number of nodes 4
Number of links 9
Number of pollutants 0
Number of land uses 0

****
Raingage Summary
****

Name	Data Source	Data Type	Recording Interval
Escondido	Escondido	INTENSITY	60 min.

****
Subcatchment Summary
****

Name	Area	Width	%Imperv	%Slope	Rain Gage	Outlet
BYPASS1	0.13	20.00	100.00	0.5000	Escondido	POC1
BYPASS2_Treat_Swap	0.02	20.00	100.00	0.5000	Escondido	POC1
BYPASS3	0.33	20.00	100.00	0.5000	Escondido	POC1
BYPASS4	0.01	30.00	100.00	0.5000	Escondido	POC1
Bypass5	0.03	20.00	100.00	0.5000	Escondido	POC1
DMA1	2.67	100.00	90.00	2.0000	Escondido	Vault1
DMA2	4.02	220.00	90.90	2.0000	Escondido	Vault2
DMA3	1.09	115.00	82.70	0.5000	Escondido	Vault3
DMA5	1.16	200.00	70.00	0.5000	Escondido	POC1
DMA6	1.63	202.00	94.50	2.0000	Escondido	POC1

****
Node Summary
****

Name	Type	Invert Elev.	Max. Depth	Ponded Area	External Inflow
POC1	OUTFALL	0.00	0.00	0.0	
Vault1	STORAGE	0.00	4.20	0.0	
Vault2	STORAGE	0.00	5.20	0.0	
Vault3	STORAGE	0.00	5.00	0.0	

****
Link Summary
****

Name	From Node	To Node	Type	Length	%Slope	Roughness
OR1_1	Vault1	POC1	ORIFICE			
OR1_2	Vault1	POC1	ORIFICE			
OR2_1	Vault2	POC1	ORIFICE			
OR2_2	Vault2	POC1	ORIFICE			
OR3_2	Vault3	POC1	ORIFICE			
OR3_3	Vault3	POC1	ORIFICE			
W1	Vault1	POC1	WEIR			
W2	Vault2	POC1	WEIR			
W3	Vault3	POC1	WEIR			

****
Cross Section Summary
****

Conduit	Shape	Full Depth	Full Area	Hyd. Rad.	Max. Width	No. of Barrels	Full Flow

****
NOTE: The summary statistics displayed in this report are
based on results found at every computational time step,
not just on results from each reporting time step.
****

****
Analysis Options
****
Flow Units ..... CFS
Process Models:
  Rainfall/Runoff ..... YES
  RDII ..... NO
  Snowmelt ..... NO
  Groundwater ..... NO
  Flow Routing ..... YES

```
  Ponding Allowed ........ NO
  Water Quality .......... NO
Infiltration Method ...... GREEN_AMPT
Flow Routing Method ...... KINWAVE
Starting Date ............ 09/04/1963 03:00:00
Ending Date .............. 05/25/2008 23:00:00
Antecedent Dry Days ...... 0.0
Report Time Step ......... 01:00:00
Wet Time Step ............ 00:10:00
Dry Time Step ............ 01:00:00
Routing Time Step ........ 60.00 sec
```

Runoff Quantity Continuity	Volume acre-feet	Depth inches
Total Precipitation	564.851	611.200
Evaporation Loss	77.625	83.995
Infiltration Loss	45.044	48.740
Surface Runoff	444.325	480.784
Final Storage	0.000	0.000
Continuity Error (%)	-0.379	

Flow Routing Continuity	Volume acre-feet	Volume 10^6 gal
Dry Weather Inflow	0.000	0.000
Wet Weather Inflow	444.325	144.790
Groundwater Inflow	0.000	0.000
RDII Inflow	0.000	0.000
External Inflow	0.000	0.000
External Outflow	444.264	144.770
Flooding Loss	0.000	0.000
Evaporation Loss	0.000	0.000
Exfiltration Loss	0.000	0.000
Initial Stored Volume	0.000	0.000
Final Stored Volume	0.000	0.000
Continuity Error (%)	0.014	

```
*******************************
Highest Flow Instability Indexes
*******************************
All links are stable.
```

```
************************
Routing Time Step Summary
************************
Minimum Time Step           :    60.00 sec
Average Time Step           :    60.00 sec
Maximum Time Step           :    60.00 sec
Percent in Steady State     :     0.00
Average Iterations per Step :     1.00
Percent Not Converging      :     0.00
```

```
**************************
Subcatchment Runoff Summary
**************************
```

Subcatchment	Total Precip in	Total Runon in	Total Evap in	Total Infil in	Imperv Runoff in	Perv Runoff in	Total Runoff in	Total Runoff 10^6 gal	Peak Runoff CFS	Runoff Coeff
BYPASS1	611.20	0.00	90.65	0.00	523.09	0.00	523.09	1.85	0.11	0.856
BYPASS2_Treat_Swap	611.20	0.00	83.64	0.00	533.99	0.00	533.99	0.29	0.02	0.874
BYPASS3	611.20	0.00	97.10	0.00	515.46	0.00	515.46	4.62	0.29	0.843
BYPASS4	611.20	0.00	81.80	0.00	537.57	0.00	537.57	0.15	0.01	0.880
Bypass5	611.20	0.00	84.68	0.00	532.04	0.00	532.04	0.43	0.03	0.870
DMA1	611.20	0.00	87.44	43.09	466.45	15.92	482.37	34.97	2.27	0.789
DMA2	611.20	0.00	85.81	38.77	473.83	14.95	488.79	53.35	3.45	0.800
DMA3	611.20	0.00	79.88	74.59	431.45	27.43	458.89	13.58	0.91	0.751
DMA5	611.20	0.00	68.68	129.87	368.41	47.09	415.50	13.09	0.97	0.680
DMA6	611.20	0.00	84.35	23.12	497.73	9.47	507.21	22.45	1.42	0.830

```
******************
Node Depth Summary
******************
```

Node	Type	Average Depth Feet	Maximum Depth Feet	Maximum HGL Feet	Time of Max Occurrence days hr:min	Reported Max Depth Feet
POC1	OUTFALL	0.00	0.00	0.00	0 00:00	0.00
Vault1	STORAGE	0.03	3.90	3.90	10718 14:01	3.90
Vault2	STORAGE	0.01	4.84	4.84	11445 18:03	4.84
Vault3	STORAGE	0.01	3.54	3.54	1188 05:22	3.53

```
******************
```

Node Inflow Summary
****

Node	Type	Maximum Lateral Inflow CFS	Maximum Total Inflow CFS	Time of Max Occurrence days hr:min	Lateral Inflow Volume 10^6 gal	Total Inflow Volume 10^6 gal	Flow Balance Error Percent
POC1	OUTFALL	2.78	7.05	11445 18:01	42.9	145	0.000
Vault1	STORAGE	2.27	2.27	16062 04:01	35	35	0.028
Vault2	STORAGE	3.45	3.45	16062 04:01	53.4	53.4	0.013
Vault3	STORAGE	0.91	0.91	10718 14:01	13.6	13.6	0.022

****
Node Flooding Summary
****

No nodes were flooded.

****
Storage Volume Summary
****

Storage Unit	Average Volume 1000 ft3	Avg Pcnt Full	Evap Pcnt Loss	Exfil Pcnt Loss	Maximum Volume 1000 ft3	Max Pcnt Full	Time of Max Occurrence days hr:min	Maximum Outflow CFS
Vault1	0.049	1	0	0	7.250	93	10718 14:01	2.24
Vault2	0.042	0	0	0	20.954	93	11445 18:02	2.54
Vault3	0.010	0	0	0	5.071	71	1188 05:21	0.55

****
Outfall Loading Summary
****

Outfall Node	Flow Freq Pcnt	Avg Flow CFS	Max Flow CFS	Total Volume 10^6 gal
POC1	5.33	0.26	7.05	144.759
System	5.33	0.26	7.05	144.759

****
Link Flow Summary
****

Link	Type	Maximum |Flow| CFS	Time of Max Occurrence days hr:min	Maximum |Veloc| ft/sec	Max/ Full Flow	Max/ Full Depth
OR1_1	ORIFICE	0.21	10718 14:01			0.00
OR1_2	ORIFICE	0.81	10718 14:01			0.00
OR2_1	ORIFICE	1.02	11445 18:03			0.00
OR2_2	ORIFICE	0.79	11445 18:03			0.00
OR3_2	ORIFICE	0.34	1188 05:22		0.00	
OR3_3	ORIFICE	0.21	1188 05:22		0.00	
W1	WEIR	1.23	10718 14:01			0.00
W2	WEIR	0.73	11445 18:03			0.00
W3	WEIR	0.00	0 00:00		0.00	

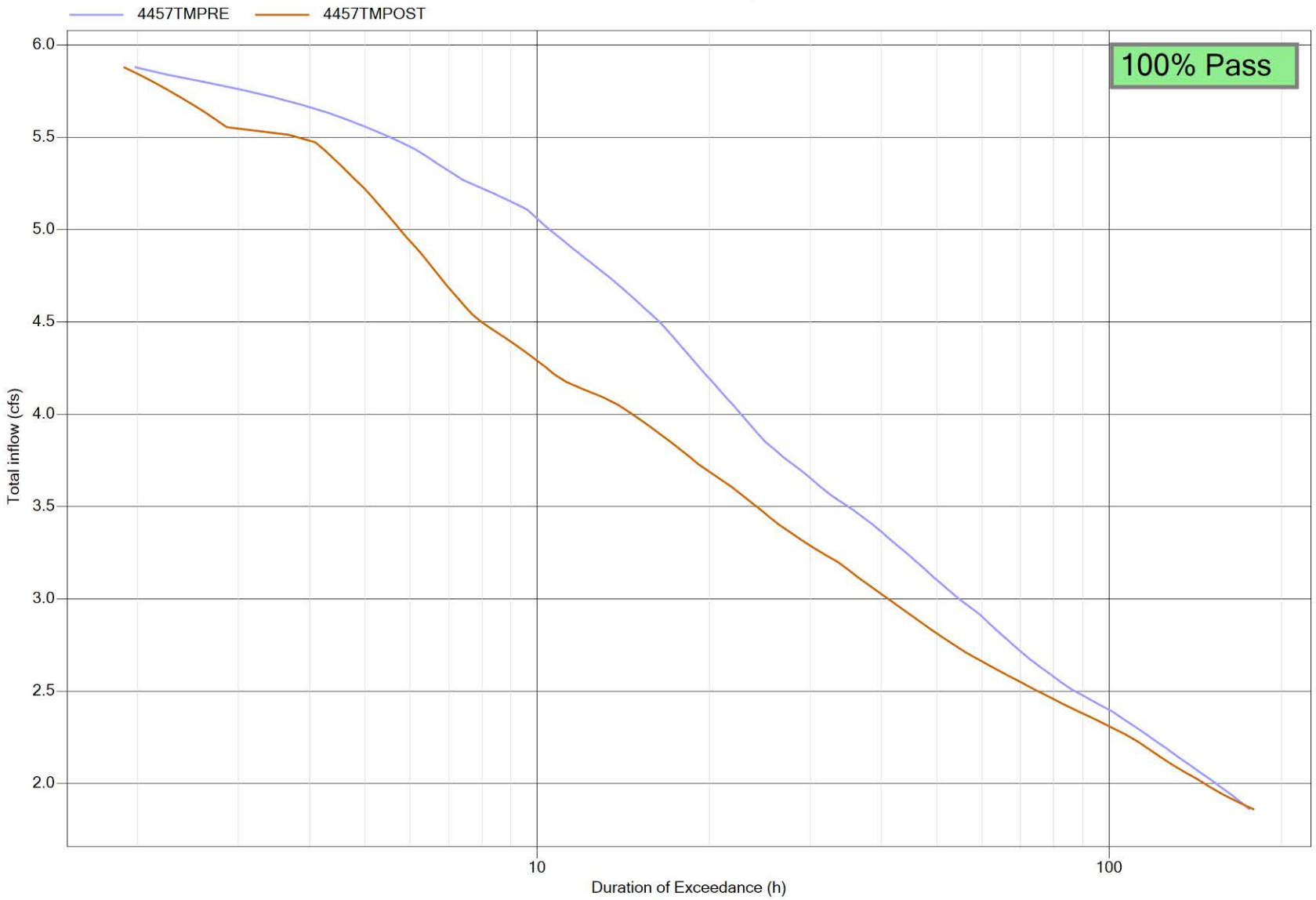
****
Conduit Surcharge Summary
****

No conduits were surcharged.

Analysis begun on: Thu Jul 27 16:40:52 2023
Analysis ended on: Thu Jul 27 16:41:21 2023
Total elapsed time: 00:00:29

Node POC1

Flow Duration Curve Comparison



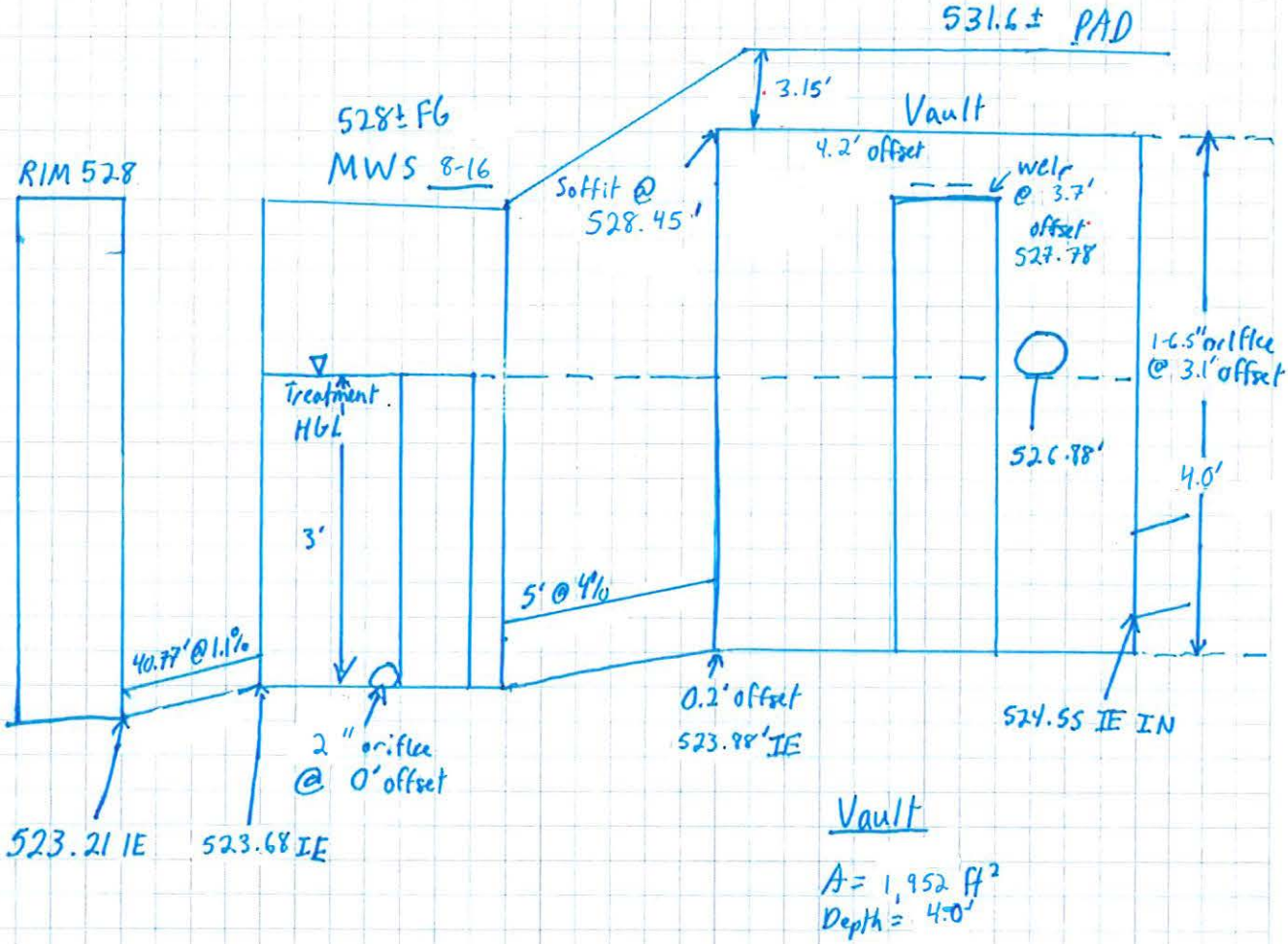
PROJECT DESIGN CONSULTANTS

PLANNING | LANDSCAPE ARCHITECTURE
ENGINEERING | SURVEY

WWW.PROJECTDESIGN.COM

PROJECT Restaurant Row
SUBJECT BMP 1A+1B
PAGE : ____ OF ____ JOB NO. : 4457
DRAWN BY : JN DATE : ____
CHECKED BY : ____ DATE : ____

12 hr Drawdown



Vault

A = 1,952 ft²
Depth = 4.0'

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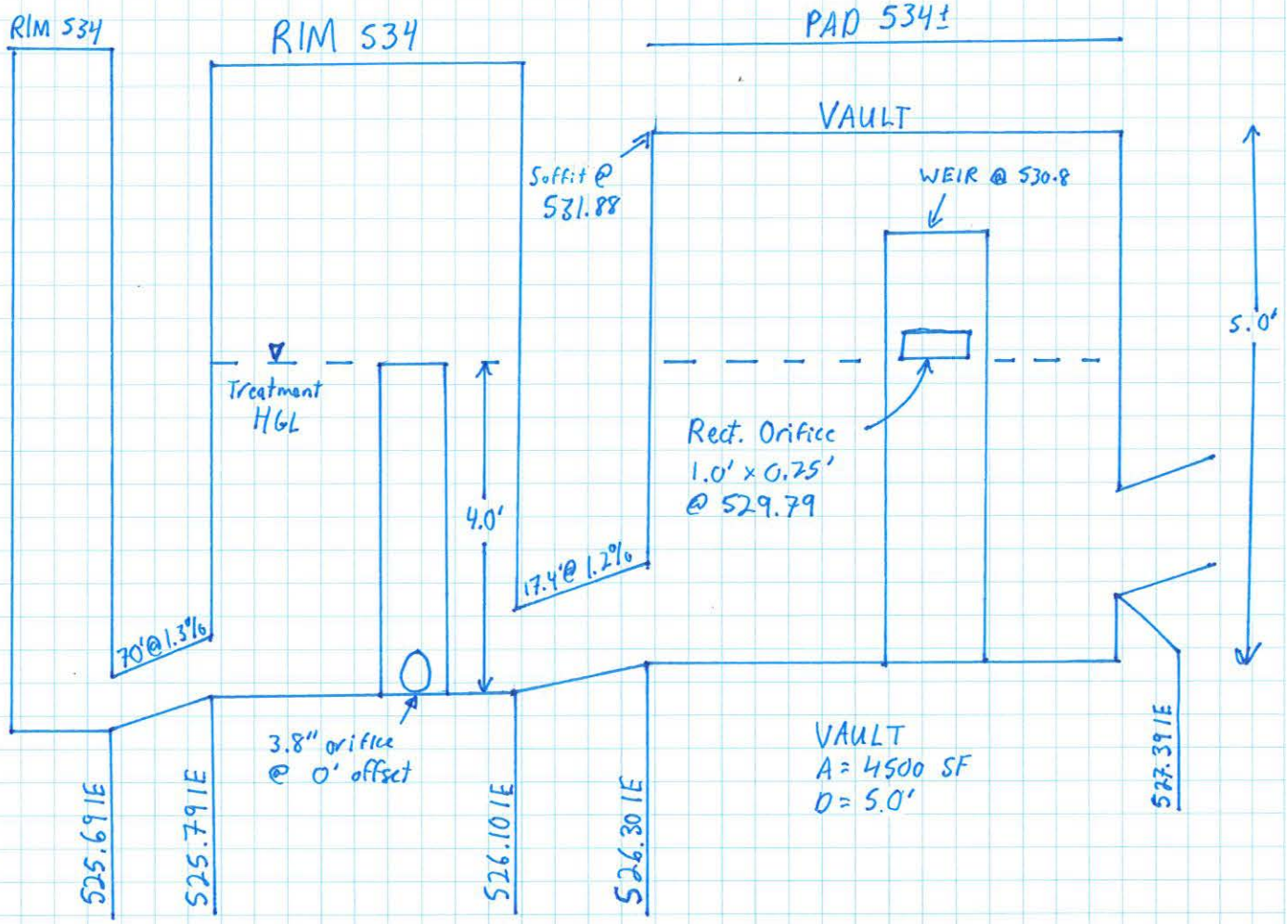
ENGINEERING | SURVEY

WWW.PROJECTDESIGN.COM

PROJECT Restaurant Row
SUBJECT BMP 2A+2B

PAGE : ____ OF ____ JOB NO. : 4457
DRAWN BY : J.N. DATE : ____
CHECKED BY : ____ DATE : ____

9 hr Drawdown



MWS
8-20
3.8" orifice

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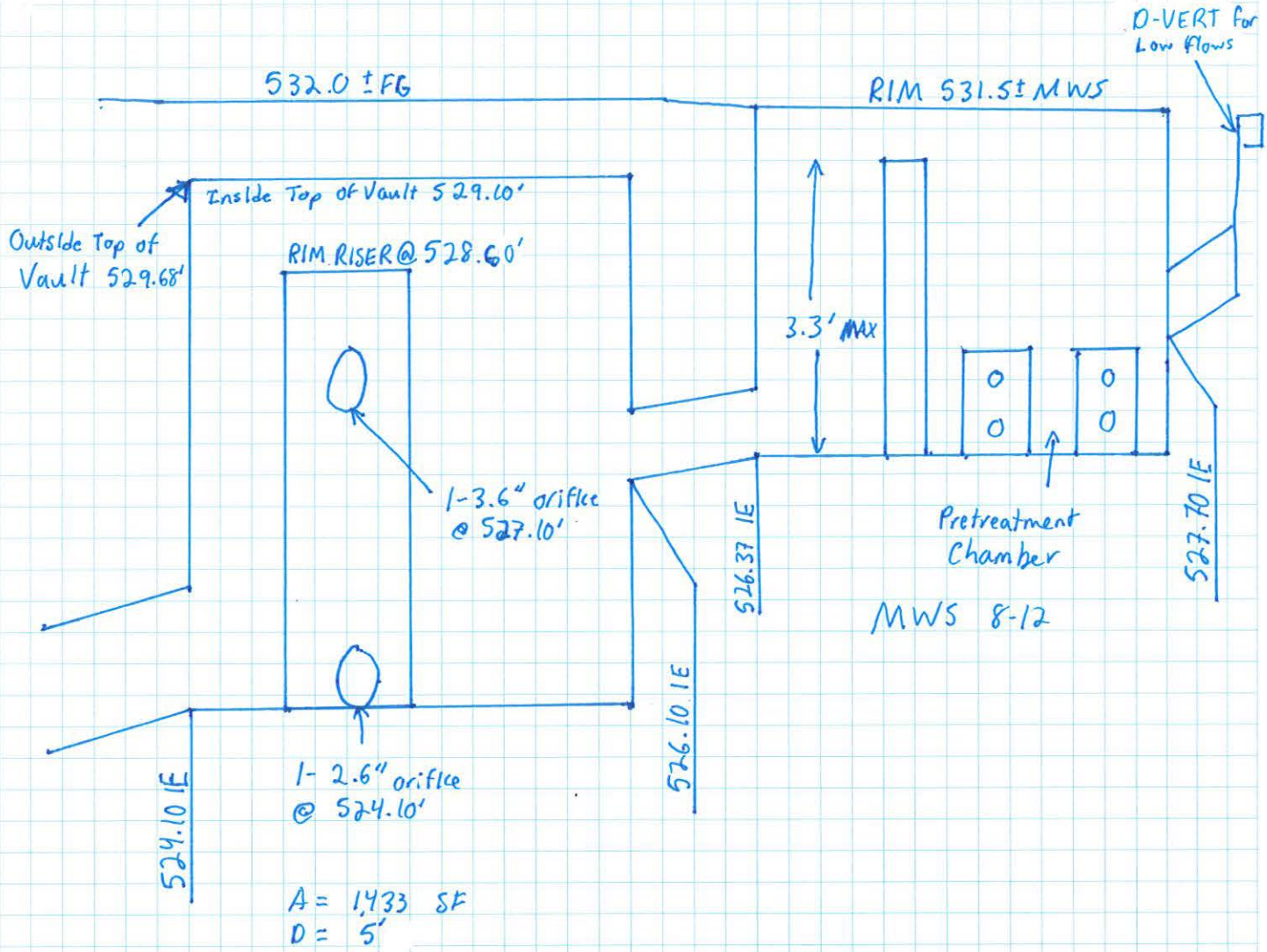
PROJECT Restaurant Row
SUBJECT BMP 3A + 3B

PAGE : _____ OF _____ JOB NO. : 4457
DRAWN BY : JN DATE : _____
CHECKED BY : _____ DATE : _____

24 hr Drawdown



A = 1,433 SF
D = 5'

APPENDIX 3

Supplemental Information

Rain Gage Location Map

PROJECT SITE
San Onofre
Saridia Creek Rd
Rainbow Camp
Oat Flats
Fallbrook
Pala 3SW
Couser Canyon
Palomar Obsery
Coyote Creek
Bonsall
Cole Grade Road
Birch Hill
Rincon Springs
La Jolla Amago
Borrego Palm
Lake Henshaw
Oceanside
Loma Alta
Buena Vista
Deer Springs
Valley Center
Skyline Ranch
Ranchita
Borrego CRS
Agua Hedionda
Carlsbad
San Marcos CRS
Lake Wohlford
Sutherland Res
Volcan Mountain
Ocotillo Wells
Escondido
Harmony
Santa Ysabel
San Felipe
San Marcos
Lake Hod
El Camino del Norte
Julian
Encinitas
Witch Creek FS
Ramona
San Elijo Lagoon
Rancho Bernardo
Barona
Pine Hills FS
Mt Woodson
Solana Beach
SD Country Estates
Lake Cuyamaca
Ranchita Margarita
Agua Caliente
Poway
Miramar Lake
San Vicente Res
El Capitan Res
Echo Dell
Cactus County Park
Flinn Springs
Descanso R.S.
Viejas Mountain
Mount Laguna
Kearny Mesa
Sunnee
Los Coches Cr
Harbison Canyon
Lake Murray
Granite Hills
Fashion Valley
La Mesa
Lindbergh Field
Roads Div I
Bonita Road
Barrett Dam
Morena Lake
Bonita
Plaza Bonita
Thousand Trails
Tierra del Sol
Campo
Lower Otay Res
Dulzura Summit
Potrero Park
Marron Valley
Puente San Jose II
San Ysidro
Rio Alamar @ Toll Bridge
Loma Tova
Rancho Tecate
5
15
805
163
8
N
0 4 8
SCALE IN MILES
LEGEND
RIVERS/CREEKS
WATERSHEDS
PRECIPITATION

Hydrologic Soil Group Map

Map Scale: 1:2,120 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 30 60 120 180

Feet: 0 100 200 400 600

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

Soil Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Diego County Area, California
Survey Area Data: Version 15, May 27, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2020—Feb 13, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
PeA	Placentia sandy loam, 0 to 2 percent slopes, warm MAAT, MLRA 19	C	0.4	3.9%
PeC	Placentia sandy loam, 2 to 9 percent slopes, warm MAAT, MLRA 19	C	6.9	60.5%
PfA	Placentia sandy loam, thick surface, 0 to 2 percent slo pes	D	3.9	34.6%
RaB	Ramona sandy loam, 2 to 5 percent slopes	C	0.1	1.0%
Totals for Area of Interest			**11.4**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

Drawdown Calculations

Input Data Vault Preliminary Sizing

WQ 85th Percentile depth= 0.67 in

BMP Storage Volume Requirements:

Drawdown time (hrs)	Factor
9	0.72
12	0.85
24	1.25
36	1.5
48	1.8
72	2.2
96	2.6
120	2.8

Volume-Based Media loading rate **0.28** gpm/sf

Volume-Based Sizing

DMA ID	BMP Drainage Area (ac)	BMP Drainage Area (SF)	Impervious Area (ac)	Amended Soils (ac) (C=0.1)	% Impervious	Composite C1	DCV (AF)	Estimate Drawdown time (hr)	Capture Factor	BMP Capture Volume Reqd, (AF)	BMP Capture Volume Reqd, (CF)	Q_avg drawdown (cfs)	Q_avg drawdown (gpm)	BMP H (Treatment HGL) (ft)	Min Filter Perimeter P (ft)	Min Area Vault (SF)	Vault H (ft)	Area of Vault (ft^2)	BMP Capture Volume Provided, (CF)	Min WQ Depth (ft)	Orifice Depression (Drop below vault) (ft)	Bottom Orif size (in)	WQ Volume Drawdown (hours)	Max Q orifice (cfs)	Quantity of MWUs	MWU Size	Vault Volume (CF)
1A	2.67	116391	2.40	0.27	90%	0.82	0.122	12	0.85	0.10	4523	0.10	47.0	3.1	54.1	1459.1	4	1952	5660.8	2.32	0.2	2	12.1	0.186	1	MWU8-12	7808
2A	4.02	175055	3.65	0.37	91%	0.83	0.186	9	0.72	0.13	5819	0.18	80.6	4	72.0	1454.7	5	4500	17100	1.29	0.2	3.8	9.2	0.517	1	MWU8-20	22500

Drawdown Time (hours)	Storage requirement (below the overflow elevation, or below outlet elevation that bypass the biofiltration BMP)
12	0.85 DCV
24	1.25 DCV
36	1.50 DCV
48	1.80 DCV
72	2.20 DCV
96	2.60 DCV
120	2.80 DCV

APPENDIX 4

CD Containing SWMM Input and Output Files

APPENDIX 5

Exhibits

BMP 4

PROPOSED DAYLIGHT/ LIMITS OF WORK

DMA 4
1.48 AC

DMA 3
1.09 AC

BYPASS AREA 1 ADDRESSED BY TREATMENT SWAP CREDIT

EXISTING FEMA FLOODPLAIN

BMP 3B

BMP 3A

OFFSITE RUN-ON COLLECTED AS BYPASS

EXISTING FEMA FLOODWAY

BYPASS AREA 2 ADDRESSED BY TREATMENT SWAP CREDIT

BYPASS AREA 5 ADDRESSED BY TREATMENT SWAP CREDIT

PROPOSED DISCHARGE TO CHANNEL, POC 1

BMP 6

PROPOSED 6'X2' RCB

PROPOSED 30' PUBLIC DRAINAGE EASEMENT

PROPOSED DUAL 36" PIPE

0.02 AC

0.03 AC

1.64 AC

DMA 6

0.01 AC

BYPASS AREA 4 ADDRESSED BY TREATMENT SWAP CREDIT

PROPOSED FLOODWAY

PROPOSED 30" PIPE

BMP 5

PROPOSED PARK

DMA 5
1.16 AC

PROPOSED FLOODPLAIN

BMP 2B

BMP 1B

BMP 1A

PVT. DRIVE 'A'

EXISTING FEMA FLOODWAY

PORTION OF EXISTING PIPE TO REMAIN. TO BE REMOVED AND REPLACED BY OTHERS WITH FUTURE STORM DRAIN EXTENSION THROUGH PVT. DRIVE G TO VIA VERA CRUZ

0.33 AC

BYPASS AREA 3 ADDRESSED BY TREATMENT SWAP CREDIT

BMP 2A

DMA 1
2.67 AC

EXISTING FEMA FLOODPLAIN

4.02 AC

DMA 2

PROPOSED DAYLIGHT/ LIMITS OF WORK

EXISTING FLOGARD

BMP C - BMP ID NO. 2975 PER GP-2481

0.26 AC

AREA BEING TREATED BY EXISTING MODULAR WETLAND IN BUFFALO WILD WINGS

PROPOSED DAYLIGHT/ LIMITS OF WORK

FUTURE SEARS SITE PER SDP 17-0006

COMMERCE ST

BOARDWALK

VIA VERA CRUZ

SAN MARCOS BLVD

PROPOSED CONDITION IMPROVEMENTS ON SAN MARCOS BLVD. ADDRESSED SEPARATELY VIA PDP-EXEMPT GREEN STREETS APPROACH. SEE APPENDIX 5.

LEGEND

- PROJECT BOUNDARY
- DRAINAGE MANAGEMENT AREA (DMA BOUNDARY)
- OFFSITE RUN-ON BEING BYPASSED
- EXISTING FLOODPLAIN
- PROPOSED FLOODPLAIN
- PROPOSED FLOODWAY
- MODULAR WETLAND UNIT
- EXISTING IMPERVIOUS RUN-ON TREATED BY MODULAR WETLAND, 1.69 AC
- NEW IMPERVIOUS SURFACE ADDRESSED THROUGH TREATMENT SWAP, 0.52 AC

TREATMENT SWAP IS FEASIBLE, 1.69 AC > 0.52 AC

*NOTE: THE RED BYPASS AREAS ARE ACCOUNTED FOR IN HYDROMODIFICATION MITIGATION. THE GREEN EXISTING RUN-ON AREAS ARE NOT MODELED IN SWMM. THE ONSITE HYDROMODIFICATION VAULTS ARE OVER-DETAINING TO OFFSET FLOW CONTROL REQUIREMENTS FOR THE RED HATCH AREAS.

BMPs				
BMP ID	BMP NO.	DMA ID	AREA (AC)	DMA/BMP TYPE
BMP 1A		DMA 1	2.67	HMP VAULT
BMP 1B		DMA 1	2.67	VEGETATED VOLUME-BASED MWS
BMP 2A		DMA 2	4.02	HMP VAULT
BMP 2B		DMA 2	4.02	VEGETATED VOLUME-BASED MWS
BMP 3A		DMA 3	1.09	HMP VAULT
BMP 3B		DMA 3	1.09	VEGETATED FLOW-BASED MWS
BMP 4		DMA 4	1.48	VEGETATED FLOW-BASED MWS
BMP 5		DMA 5	1.16	VEGETATED FLOW-BASED MWS
BMP 6		DMA 6	1.64	VEGETATED FLOW-BASED MWS

1. SITE DESIGN BMPS INCLUDE:
   - (e) MINIMIZATION OF IMPERVIOUS FOOTPRINT OF THE PROJECT
   - (f) MINIMIZATION OF SOIL COMPACTION TO LANDSCAPED AREAS
   - (k) LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES
2. SOURCE CONTROL BMPS INCLUDE:
   - (a) PREVENTION OF ILLICIT DISCHARGES INTO THE MS4
   - (b) STORM DRAIN STENCILING OR SIGNAGE ("NO DUMPING DRAINS TO WATERWAYS")
   - (e) PROTECTION OF TRASH STORAGE AREAS FROM RAINFALL, RUN-ON, RUNOFF, AND WIND DISPERSAL
   - (f) USE OF ANY ADDITIONAL BMPS DETERMINED TO BE NECESSARY BY THE COPERMITTEE TO MINIMIZE POLLUTANT GENERATION AT EACH PROJECT,

NOTES:
1) REFER TO SOIL MAP FOR DISTRIBUTION OF HYDROLOGIC SOIL GROUPS.
2) REFER TO GEOTECH REPORT FOR GROUNDWATER ELEVATIONS AND RANGES.
3) ALL SELF-RETAINING AREAS WILL BE VEGETATED WITH NATIVE/NON-NATIVE OR NON-INVASIVE DROUGHT TOLERANT SPECIES, AND DISTURBED SOILS WILL BE AMENDED AND AERATED.
4) ALL STORM DRAINS SHALL BE STENCILED PER CITY GUIDELINES.

N

30 15 0 30 60 90

SCALE: 1"=30'

SCALE: 1"=30'
JOB #: 4457
CREATED: 8/18/21

PREPARED BY:
PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800
San Diego, CA 92101
619.235.6471 Tel
619.234.0349 Fax

CITY OF SAN MARCOS
RESTAURANT ROW
HMP MAP
PROPOSED CONDITIONS
EXHIBIT A

P:\4457\Engr\Reports\Hydromod\EXH\HMP Exhibit.dwg 7/28/2023 11:19:32 AM

ATTACHMENT 3
Structural BMP Maintenance Information

This is the cover sheet for Attachment 3.

Indicate which Items are Included behind this cover sheet:

Attachment Sequence	**Contents**	**Checklist**
Attachment 3a	Structural BMP Maintenance Thresholds and Actions (Required)	■ Included See Structural BMP Maintenance Information Checklist on the back of this Attachment cover sheet.
Attachment 3b	Draft Maintenance Agreement (when applicable)	□ Included □ Not Applicable

Use this checklist to ensure the required information has been included in the Structural BMP Maintenance Information Attachment:

■ **Preliminary Design / Planning / CEQA level submittal:**

Attachment 3a must identify:

■ Typical maintenance indicators and actions for proposed structural BMP(s) based on Section 7.7 of the BMP Design Manual

Attachment 3b is not required for preliminary design / planning / CEQA level submittal.

□ **Final Design level submittal:**

Attachment 3a must identify:

- □ Specific maintenance indicators and actions for proposed structural BMP(s). This shall be based on Section 7.7 of the BMP Design Manual and enhanced to reflect actual proposed components of the structural BMP(s)
- □ How to access the structural BMP(s) to inspect and perform maintenance
- □ Features that are provided to facilitate inspection (e.g., observation ports, cleanouts, silt posts, or other features that allow the inspector to view necessary components of the structural BMP and compare to maintenance thresholds)
- □ Manufacturer and part number for proprietary parts of structural BMP(s) when applicable
- □ Maintenance thresholds specific to the structural BMP(s), with a location-specific frame of reference (e.g., level of accumulated materials that triggers removal of the materials, to be identified based on viewing marks on silt posts or measured with a survey rod with respect to a fixed benchmark within the BMP)
- □ Recommended equipment to perform maintenance
- □ When applicable, necessary special training or certification requirements for inspection and maintenance personnel such as confined space entry or hazardous waste management

Attachment 3b: For private entity operation and maintenance, Attachment 3b shall include a draft maintenance agreement in the local jurisdiction's standard format (PDP applicant to contact the [City Engineer] to obtain the current maintenance agreement forms).

Bio Clean

A Forterra Company

Modular Wetlands® Linear

A Stormwater Biofiltration Solution

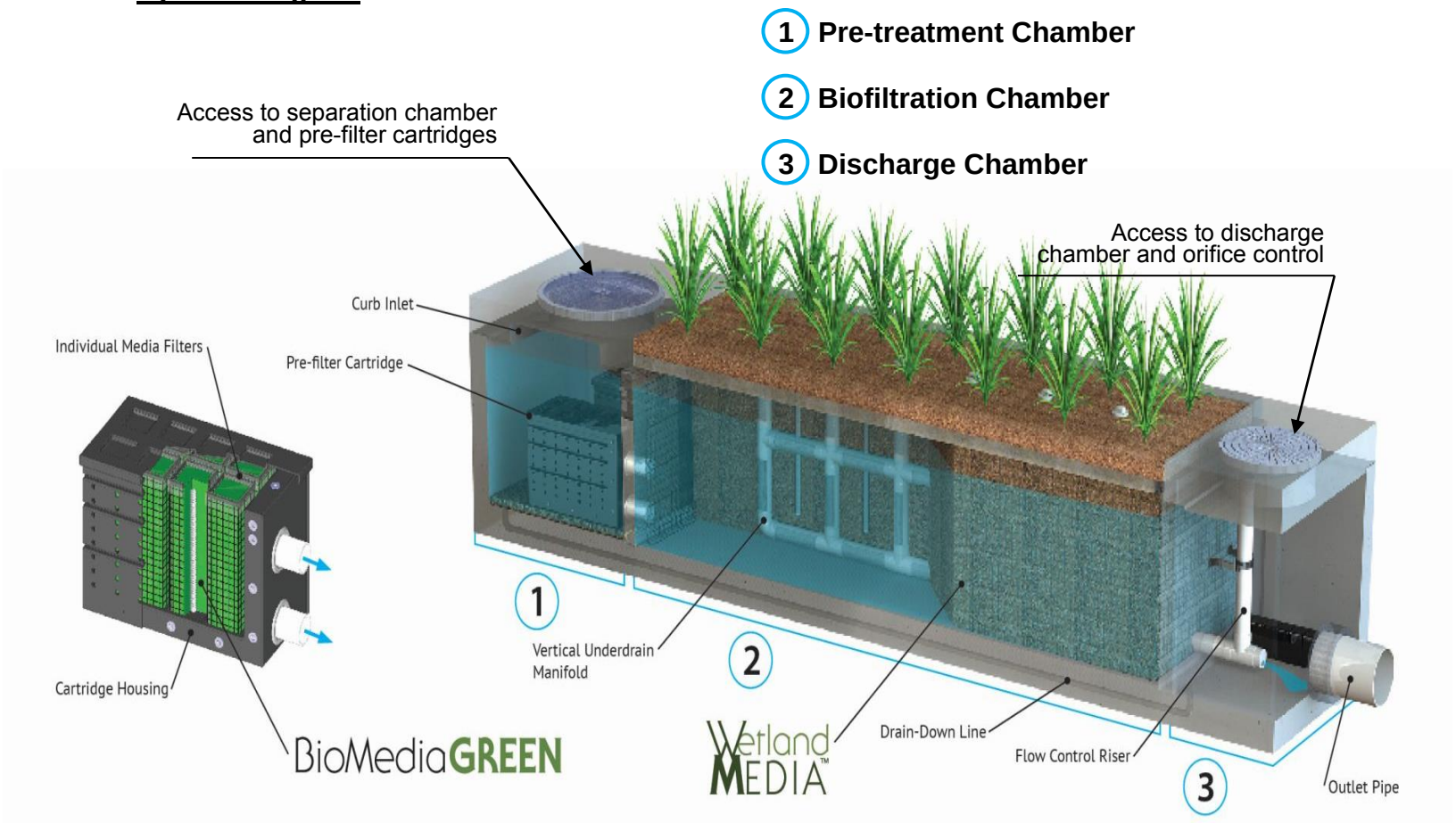
OPERATION & MAINTENANCE MANUAL

Inspection Guidelines for Modular Wetland System - Linear

Inspection Summary

- Inspect Pre-Treatment, Biofiltration and Discharge Chambers – average inspection interval is 6 to 12 months.
  - (1*5 minute average inspection time*).
- NOTE: Pollutant loading varies greatly from site to site and no two sites are the same. Therefore, the first year requires inspection monthly during the wet season and every other month during the dry season in order to observe and record the amount of pollutant loading the system is receiving.

System Diagram



Inspection Overview

As with all stormwater BMPs inspection and maintenance on the MWS Linear is necessary. Stormwater regulations require that all BMPs be inspected and maintained to ensure they are operating as designed to allow for effective pollutant removal and provide protection to receiving water bodies. It is recommended that inspections be performed multiple times during the first year to assess the site specific loading conditions. This is recommended because pollutant loading and pollutant characteristics can vary greatly from site to site. Variables such as nearby soil erosion or construction sites, winter sanding on roads, amount of daily traffic and land use can increase pollutant loading on the system. The first year of inspections can be used to set inspection and maintenance intervals for subsequent years to ensure appropriate maintenance is provided. Without appropriate maintenance a BMP will exceed its storage capacity which can negatively affect its continued performance in removing and retaining captured pollutants.

Inspection Equipment

Following is a list of equipment to allow for simple and effective inspection of the MWS Linear:

- Modular Wetland Inspection Form
- Flashlight
- Manhole hook or appropriate tools to remove access hatches and covers
- Appropriate traffic control signage and procedures
- Measuring pole and/or tape measure.
- Protective clothing and eye protection.
- 7/16” open or closed ended wrench.
- Large permanent black marker (initial inspections only – first year)
- Note: entering a confined space requires appropriate safety and certification. It is generally not required for routine inspections of the system.

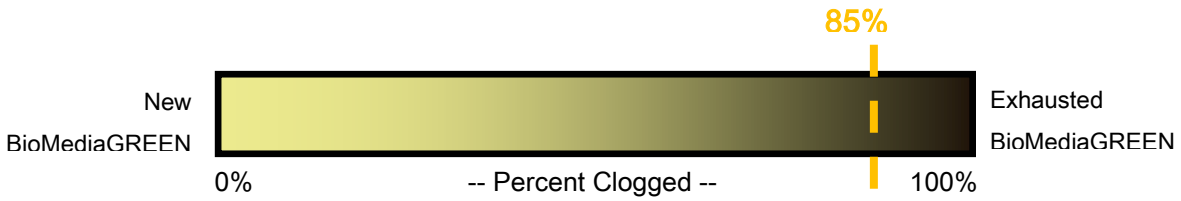
Inspection Steps

The core to any successful stormwater BMP maintenance program is routine inspections. The inspection steps required on the MWS Linear are quick and easy. As mentioned above the first year should be seen as the maintenance interval establishment phase. During the first year more frequent inspections should occur in order to gather loading data and maintenance requirements for that specific site. This information can be used to establish a base for long term inspection and maintenance interval requirements.

The MWS Linear can be inspected though visual observation without entry into the system. All necessary pre-inspection steps must be carried out before inspection occurs, especially traffic control and other safety measures to protect the inspector and near-by pedestrians from any dangers associated with an open access hatch or manhole. Once these access covers have been safely opened the inspection process can proceed:

- Prepare the inspection form by writing in the necessary information including project name, location, date & time, unit number and other info (see inspection form).
- Observe the inside of the system through the access hatches. If minimal light is available and vision into the unit is impaired utilize a flashlight to see inside the system and all of its chambers.
- Look for any out of the ordinary obstructions in the inflow pipe, pre-treatment chamber, biofiltration chamber, discharge chamber or outflow pipe. Write down any observations on the inspection form.
- Through observation and/or digital photographs estimate the amount of trash, debris and sediment accumulated in the pre-treatment chamber. Utilizing a tape measure or measuring stick estimate the amount of trash, debris and sediment in this chamber. Record this depth on the inspection form.

- Through visual observation inspect the condition of the pre-filter cartridges. Look for excessive build-up of sediments on the cartridges, any build-up on the top of the cartridges, or clogging of the holes. Record this information on the inspection form. The pre-filter cartridges can further be inspected by removing the cartridge tops and assessing the color of the BioMediaGREEN filter cubes (requires entry into pre-treatment chamber – see notes above regarding confined space entry). Record the color of the material. New material is a light green in color. As the media becomes clogged it will turn darker in color, eventually becoming dark brown or black. Using the below color indicator record the percentage of media exhausted.



- The biofiltration chamber is generally maintenance free due to the system's advanced pre-treatment chamber. For units which have open planters with vegetation it is recommended that the vegetation be inspected. Look for any plants that are dead or showing signs of disease or other negative stressors. Record the general health of the plants on the inspection and indicate through visual observation or digital photographs if trimming of the vegetation is needed.
- The discharge chamber houses the orifice control structure, drain down filter and is connected to the outflow pipe. It is important to check to ensure the orifice is in proper operating conditions and free of any obstructions. It is also important to assess the condition of the drain down filter media which utilizes a block form of the BioMediaGREEN. Assess in the same manner as the cubes in the Pre-Filter Cartridge as mentioned above. Generally, the discharge chamber will be clean and free of debris. Inspect the water marks on the side walls. If possible, inspect the discharge chamber during a rain event to assess the amount of flow leaving the system while it is at 100% capacity (pre-treatment chamber water level at peak HGL). The water level of the flowing water should be compared to the watermark level on the side walls which is an indicator of the highest discharge rate the system achieved when initially installed. Record on the form is there is any difference in level from watermark in inches.

- NOTE: During the first few storms the water level in the outflow chamber should be observed and a 6” long horizontal watermark line drawn (using a large permanent marker) at the water level in the discharge chamber while the system is operating at 100% capacity. The diagram below illustrates where a line should be drawn. This line is a reference point for future inspections of the system:

Using a permanent marker draw a 6 inch long horizontal line, as shown, at the higher water level in the MWS Linear discharge chamber.

- Water level in the discharge chamber is a function of flow rate and pipe size. Observation of water level during the first few months of operation can be used as a benchmark level for future inspections. The initial mark and all future observations shall be made when system is at 100% capacity (water level at maximum level in pre-treatment chamber). If future water levels are below this mark when system is at 100% capacity this is an indicator that maintenance to the pre-filter cartridges may be needed.
- Finalize inspection report for analysis by the maintenance manager to determine if maintenance is required.

Maintenance Indicators

Based upon observations made during inspection, maintenance of the system may be required based on the following indicators:

- Missing or damaged internal components or cartridges.
- Obstructions in the system or its inlet or outlet.
- Excessive accumulation of floatables in the pre-treatment chamber in which the length and width of the chamber is fully impacted more than 18”.

- Excessive accumulation of sediment in the pre-treatment chamber of more than 6” in depth.

- Excessive accumulation of sediment on the BioMediaGREEN media housed within the pre-filter cartridges. The following chart shows photos of the condition of the BioMediaGREEN contained within the pre-filter cartridges. When media is more than 85% clogged replacement is required.

- Excessive accumulation of sediment on the BioMediaGREEN media housed within the drain down filter. The following photos show of the condition of the BioMediaGREEN contained within the drain down filter. When media is more than 85% clogged replacement is required.

- Overgrown vegetation.

- Water level in discharge chamber during 100% operating capacity (pre-treatment chamber water level at max height) is lower than the watermark by 20%.

Inspection Notes

1. Following maintenance and/or inspection, it is recommended the maintenance operator prepare a maintenance/inspection record. The record should include any maintenance activities performed, amount and description of debris collected, and condition of the system and its various filter mechanisms.

2. The owner should keep maintenance/inspection record(s) for a minimum of five years from the date of maintenance. These records should be made available to the governing municipality for inspection upon request at any time.

3. Transport all debris, trash, organics and sediments to approved facility for disposal in accordance with local and state requirements.

4. Entry into chambers may require confined space training based on state and local regulations.

5. No fertilizer shall be used in the Biofiltration Chamber.

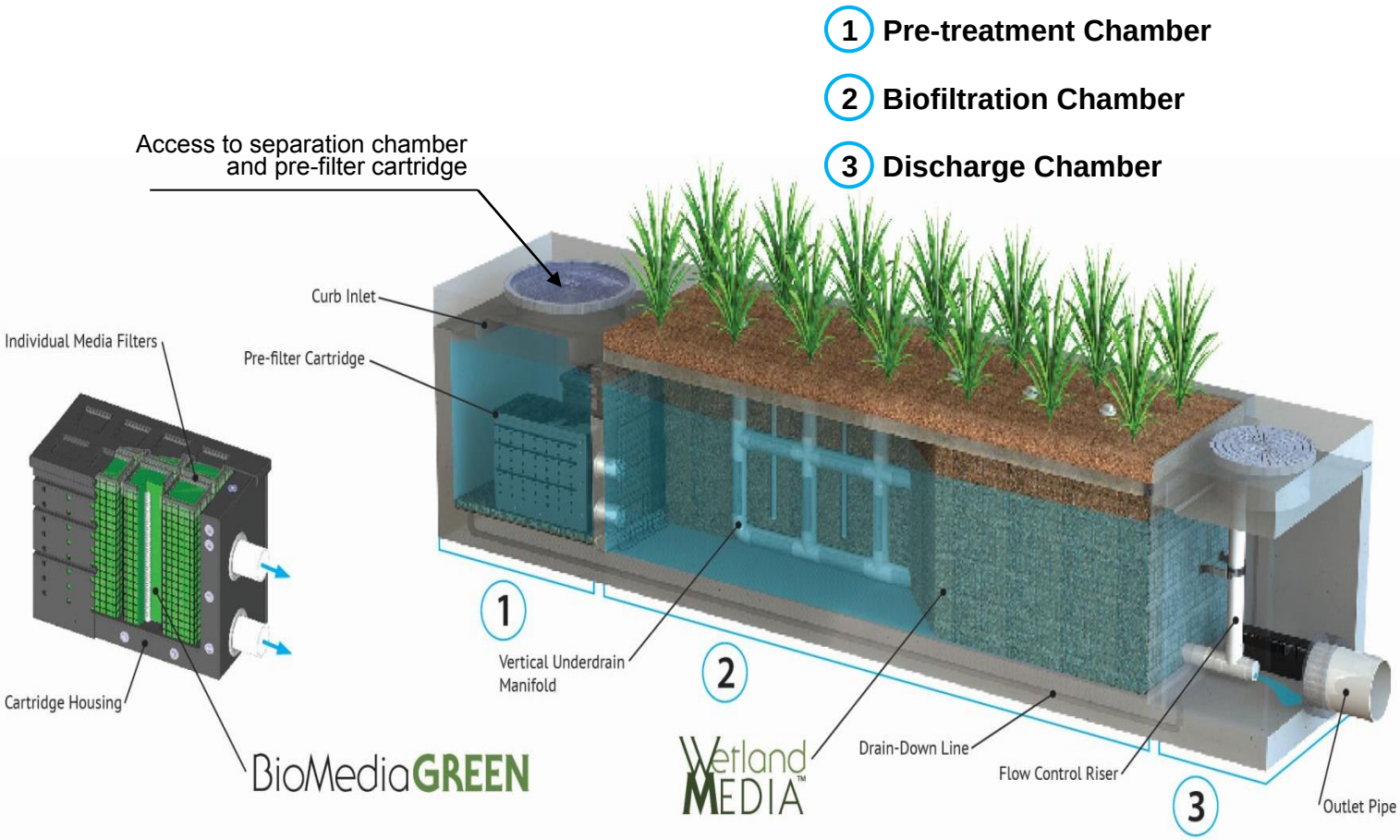
6. Irrigation should be provided as recommended by manufacturer and/or landscape architect. Amount of irrigation required is dependent on plant species. Some plants may not require irrigation after initial establishment.

Maintenance Guidelines for Modular Wetland System - Linear

Maintenance Summary

- Remove Sediment from Pre-Treatment Chamber – average maintenance interval is 12 to 24 months.
  - (*10 minute average service time*).
- Replace Pre-Filter Cartridge Media – average maintenance interval 12 to 24 months.
  - (*10-15 minute per cartridge average service time*).
- Trim Vegetation – average maintenance interval is 6 to 12 months.
  - (*Service time varies*).

System Diagram



Maintenance Overview

The time has come to maintain your Modular Wetland System Linear (MWS Linear). To ensure successful and efficient maintenance on the system we recommend the following. The MWS Linear can be maintained by removing the access hatches over the systems various chambers. All necessary pre-maintenance steps must be carried out before maintenance occurs, especially traffic control and other safety measures to protect the inspector and near-by pedestrians from any dangers associated with an open access hatch or manhole. Once traffic control has been set up per local and state regulations and access covers have been safely opened the maintenance process can begin. It should be noted that some maintenance activities require confined space entry. All confined space requirements must be strictly followed before entry into the system. In addition the following is recommended:

- Prepare the maintenance form by writing in the necessary information including project name, location, date & time, unit number and other info (see maintenance form).
- Set up all appropriate safety and cleaning equipment.
- Ensure traffic control is set up and properly positioned.
- Prepare a pre-checks (OSHA, safety, confined space entry) are performed.

Maintenance Equipment

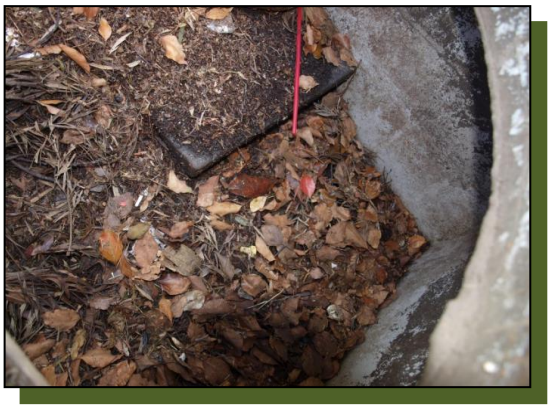
Following is a list of equipment required for maintenance of the MWS Linear:

- Modular Wetland Maintenance Form
- Manhole hook or appropriate tools to access hatches and covers
- Protective clothing, flashlight and eye protection.
- 7/16” open or closed ended wrench.
- Vacuum assisted truck with pressure washer.
- Replacement BioMediaGREEN for Pre-Filter Cartridges if required (order from manufacturer).

Maintenance Steps

1. Pre-treatment Chamber (bottom of chamber)

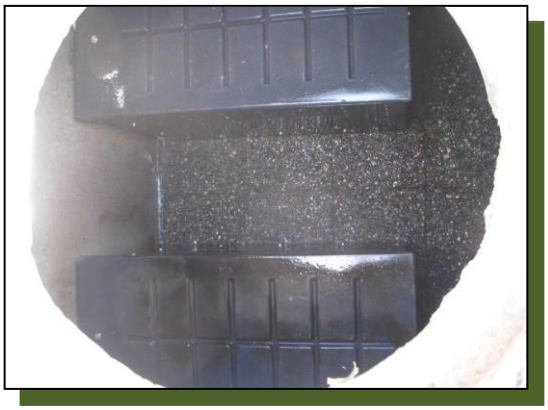
   A. Remove access hatch or manhole cover over pre-treatment chamber and position vacuum truck accordingly.
   B. With a pressure washer spray down pollutants accumulated on walls and pre-filter cartridges.
   C. Vacuum out Pre-Treatment Chamber and remove all accumulated pollutants including trash, debris and sediments. Be sure to vacuum the floor until pervious pavers are visible and clean.
   D. If Pre-Filter Cartridges require media replacement move onto step 2. If not, replace access hatch or manhole cover.



Removal of access hatch to gain access below.

Insertion of vacuum hose into separation chamber.

Removal of trash, sediment and debris.



Fully cleaned separation chamber.

2. Pre-Filter Cartridges (attached to wall of pre-treatment chamber)

A. After finishing step 1 enter pre-treatment chamber.

B. Unscrew the two bolts holding the lid on each cartridge filter and remove lid.

Pre-filter cartridges with tops on.

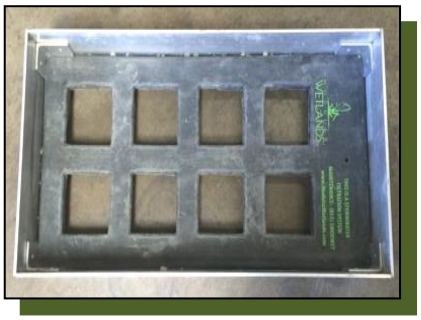
Inside cartridges showing media filters ready for replacement.

C. Place the vacuum hose over each individual media filter to suck out filter media.

Vacuuming out of media filters.

D. Once filter media has been sucked use a pressure washer to spray down inside of the cartridge and it's containing media cages. Remove cleaned media cages and place to the side. Once removed the vacuum hose can be inserted into the cartridge to vacuum out any remaining material near the bottom of the cartridge.

E. Reinstall media cages and fill with new media from manufacturer or outside supplier. Manufacturer will provide specification of media and sources to purchase. Utilize the manufacture provided refilling trey and place on top of cartridge. Fill trey with new bulk media and shake down into place. Using your hands slightly compact media into each filter cage. Once cages are full removed refilling trey and replace cartridge top ensuring bolts are properly tightened.



Refilling trey for media replacement.

Refilling trey on cartridge with bulk media.

F. Exit pre-treatment chamber. Replace access hatch or manhole cover.

3. Biofiltration Chamber (middle vegetated chamber)

A. In general, the biofiltration chamber is maintenance free with the exception of maintaining the vegetation. Using standard gardening tools properly trim back the vegetation to healthy levels. The MWS Linear utilizes vegetation similar to surrounding landscape areas therefore trim vegetation to match surrounding vegetation. If any plants have died replace plants with new ones:

4. Discharge Chamber (contains drain down cartridge & connected to pipe)

A. Remove access hatch or manhole cover over discharge chamber.

B. Enter chamber to gain access to the drain down filter. Unlock the locking mechanism and left up drain down filter housing to remove used BioMediaGREEN filter block as shown below:

C. Insert new BioMediaGREEN filter block and lock drain down filter housing back in place. Replace access hatch or manhole cover over discharge chamber.

Inspection Notes

1. Following maintenance and/or inspection, it is recommended the maintenance operator prepare a maintenance/inspection record. The record should include any maintenance activities performed, amount and description of debris collected, and condition of the system and its various filter mechanisms.

2. The owner should keep maintenance/inspection record(s) for a minimum of five years from the date of maintenance. These records should be made available to the governing municipality for inspection upon request at any time.

3. Transport all debris, trash, organics and sediments to approved facility for disposal in accordance with local and state requirements.

4. Entry into chambers may require confined space training based on state and local regulations.

5. No fertilizer shall be used in the Biofiltration Chamber.

6. Irrigation should be provided as recommended by manufacturer and/or landscape architect. Amount of irrigation required is dependent on plant species. Some plants may not require irrigation after initial establishment.

Inspection Form

Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

Maintenance Report

Modular Wetland System, Inc.
P. 760.433-7640
F. 760-433-3176
E. Info@modularwetlands.com

www.modularwetlands.com

ATTACHMENT 4
Copy of Plan Sheets Showing Permanent Storm Water BMPs

This is the cover sheet for Attachment 4.

Use this checklist to ensure the required information has been included on the plans:

The plans must identify:

■ Structural BMP(s) with ID numbers matching Form I-6 Summary of PDP Structural BMPs
■ The grading and drainage design shown on the plans must be consistent with the delineation of DMAs shown on the DMA exhibit
■ Details and specifications for construction of structural BMP(s)
■ Signage indicating the location and boundary of structural BMP(s) as required by the [City Engineer]
□ How to access the structural BMP(s) to inspect and perform maintenance
□ Features that are provided to facilitate inspection (e.g., observation ports, cleanouts, silt posts, or other features that allow the inspector to view necessary components of the structural BMP and compare to maintenance thresholds)
□ Manufacturer and part number for proprietary parts of structural BMP(s) when applicable
□ Maintenance thresholds specific to the structural BMP(s), with a location-specific frame of reference (e.g., level of accumulated materials that triggers removal of the materials, to be identified based on viewing marks on silt posts or measured with a survey rod with respect to a fixed benchmark within the BMP)
□ Recommended equipment to perform maintenance
□ When applicable, necessary special training or certification requirements for inspection and maintenance personnel such as confined space entry or hazardous waste management
□ Include landscaping plan sheets showing vegetation requirements for vegetated structural BMP(s)
■ All BMPs must be fully dimensioned on the plans
□ When proprietary BMPs are used, site-specific cross section with outflow, inflow, and model number shall be provided. Photocopies of general brochures are not acceptable.

APN: 219-200-23 "NOT A PART"

PROJECT/SUBDIVISION BOUNDARY

PROP. RETAINING WALL

LIMITS OF WORK

EXIST. RETAINING WALL AND FENCE TO BE REPLACED

APN: 219-200-20 "NOT A PART"

PROPOSED PUBLIC DRAINAGE EASEMENT TO THE BENEFIT OF APN 219-200-20 & 219-200-23

N73°00'17"E 271.15'

20' EMERGENCY ACCESS ESMT.

LOT 3 PARCEL 1 PM 17325 APN: 219-200-30

PVT. DRIVE 'I'

PVT. DRIVE 'J'

PVT. DRIVE 'K'

PVT. DRIVE 'H'

PVT. DRIVE 'F'

PVT. DRIVE 'G'

PVT. DRIVE 'A'

PVT. DRIVE 'E'

PVT. DRIVE 'L'

SEE SECTION C4.0

N16°57'47"W 261.62'

N16°59'11"W 261.64'

THE ACCEPTANCE OF UPSTREAM PRIVATE DRAINAGE WITH PROPOSED AND EXISTING DRAINAGE FACILITIES WITHIN THE SUBDIVISION BOUNDARY REQUIRES HOA TO MAINTAIN IN PERPETUITY AT ITS SOLE COST.

END PROP. RETAINING WALL

PARCEL B PM 10751 APN: 219-200-42 "NOT A PART"

PARCEL A PM 10751 APN: 219-200-28 "NOT A PART"

EXISTING FLOODPLAIN

LIMITS OF GRADING

PROPOSED FLOODPLAIN

EXISTING FLOODWAY

PROPOSED FLOODWAY LIMITS

LIMITS OF WORK

30' PROP. PUBLIC DRAINAGE EASEMENT

N73°00'33"E 342.19'

PROPOSED FLOODWAY

EX. CHANNEL PER GP 102

EX FEMA WSE=529.8 NAVD88

EX FEMA WSE=532.0 NAVD88

EXISTING FLOOD PLAIN

FF=533.25

FF=533.75

EXISTING CITY DRAINAGE EASEMENT PER MAP NO. 10007

12' WIDE DRAINAGE EASEMENT PER DOC. NO. 81-251193 DATED 8/7/81

20' WIDE WATER EASEMENT TO VALLECITOS WATER DISTRICT PER DOC. NO. 91-045057, REC. SEPT. 4, 1991.

11' WIDE WATER EASEMENT TO VALLECITOS WATER DISTRICT PER DOC. NO. 1997-028171, REC. JUNE 17, 1997.

12' WIDE EXISTING CITY DRAINAGE EASEMENT PER MAP NO. 10007

PROP. MODULAR WETLAND SYSTEM

PROP. HEADWALL

PROP. CURB INLET

PROP. STAIRWAY

PROP. 6' GLASS & BLOCK WALL

PROP. PICNIC TABLES, TYP.

PROP. PICKLE BALL COURTS (W/ BREAKAWAY FLOOD FENCE)

PROPOSED BLEACHER SEATING

PROP. AMPHITHEATER CONCRETE SEATING

PROP. BENCH, TYP.

PROP. PUBLIC RESTROOM

PROP. PLAY EQUIP.

6' COMBO SCREEN WALL

EXIST. 30" RCP SD (NO RECORD DWG. AVAIL.) TO BE REMOVED

PUBLIC PARK SITE LOT 2

LOT 4

ON-SITE EV PARKING

1% ON-SITE PARKING

ON-SITE PARKING

50' PUBLIC PEDESTRIAN ACCESS EASEMENT

20' PROP PUBLIC DRAINAGE EASEMENT

40' PROP. PUBLIC UTILITY EASEMENT FOR STREET AND DRAINAGE ESMT.

EX. RECIPROCAL ACCESS EASEMENT

EX. FLOODWAY LIMITS

EXIST. PUB. SD CLEANOUT IE OUT (525.39)

EX. & PROP. FLOODWAY LIMITS

SEE ALTERNATIVE CONFIGURATION DETAIL ON TOP RIGHT CORNER OF THIS SHEET

PUB. DOUBLE 36" BOX CULVERT @ 0.45%

PUB. DOUBLE 36" RCP SD @ 0.45%

PROP. 30" HDPE SD @1.00%

PROP. 24" HDPE SD @ 3.35%

PROP. 24" HDPE SD @ 2.18%

PROP. 24" HDPE SD @ 1.25%

PROP. 24" HDPE SD @ 0.55%

PROP. 24" HDPE SD @ 0.72%

PROP. 12" HDPE SD @ 1.00%

PROP. 18" HDPE SD @ 1.00%

PROP. 30" HDPE SD @0.45%

PUB. SD CLEANOUT IE 521.86 OUT

PUB. SD CLEANOUT IE 522.39 OUT

PUB. SD CLEANOUT IE 522.87 OUT

PUB. SD CO IE 522.53 OUT

PUB. SD CLEANOUT IE 524.23 OUT

PUB. SD CLEANOUT IE 524.41 OUT

PUB. SD CLEANOUT IE 524.92 OUT IE 524.94 IN (E)

SD CLEANOUT IE 523.00 OUT

SD CLEANOUT IE 523.75 OUT

SD CLEANOUT IE 524.77 OUT

SD CLEANOUT IE 525.45 OUT

SD CLEANOUT IE 523.28 OUT

SD CLEANOUT IE 524.87 OUT

SD CURB INLET IE 523.28 OUT

CURB INLET IE 524.81 (18" OUT W)

CURB INLET IE 525.06 OUT

IE 524.10 (24" OUT S)

IE 524.10 (12" IN E)

IE 525.50 (12" IN W)

IE 526.10 (8" IN N)

IE 526.37 (12" OUT S)

IE 524.38 (24" HDPE SD IN)

IE 521.67 (36" OUT W)

IE 522.00

IE 523.88 OUT

IE 525.79 12" OUT W

IE 526.30 24" OUT N

IE 526.30 12" OUT

IE 526.80 24" IN N

UNDERGROUND VAULT

UNDERGROUND VAULT PAD=532.00

BEGIN PROP. RETAINING WALL

END PROP. RETAINING WALL

STAIRS THRU WALL

PROP. 6' HIGH RETAINING WALL

PROP. 24" HDPE SD

PROP. 18" HDPE SD

PROP. 12" HDPE SD

PROP. 30" HDPE SD

PROP. 36" HDPE SD

EX. PARKING SPOT TO BE REMOVED

PROPOSED PARKING MEDIAN

EX. PARKING MEDIAN TO BE DEMOLISHED

EX. SIGN TO BE RELOCATED

24' MIN.

PVT. DRIVE 'L' ALTERNATE CONFIGURATION DETAIL

CONCEPTUAL FUTURE STORM DRAIN ALIGNMENT FROM VIA VERA CRUZ TO TO CONNECTION POINT IS PROVIDED IN PDC PRELIMINARY DRAINAGE STUDY DATED 11/24/2022

MATCHLINE SEE BELOW LEFT

MATCHLINE SEE SHEET C7.1

MATCHLINE SEE ABOVE RIGHT

PARCEL A PM 10751 APN: 219-200-28 "NOT A PART"

PROP. 5' WIDE SIDEWALK IMPROVEMENTS

EX. LOT LINE

EX. CENTER MEDIAN TO BE REMOVED

PARCEL B2 APN: 219-200-40 "NOT A PART"

REPLACE EX. DRIVEWAY WITH CITY-RADIUS TYPE DRIVEWAY

VIA VERA CRUZ

SCALE: 1"=30'

NOTE:
ALL STORM DRAIN TO BE PRIVATE UNLESS OTHERWISE NOTED.

NOTE:
FOR PUBLIC PARK AMENITIES, REFER TO LANDSCAPE PLANS

SITE GRADING & DRAINAGE PLAN

PREPARED BY:
PROJECT DESIGN CONSULTANTS
Planning | Landscape Architecture | Engineering | Survey
701 B Street, Suite 800 San Diego, CA 92101
619.235.6471 Tel 619.234.0349 Fax

VESTING TENTATIVE SUBDIVISION MAP/
SITE DEVELOPMENT PLAN

SAN MARCOS RESTAURANT ROW

W. SAN MARCOS BLVD. AND VIA VERA CRUZ
CITY OF SAN MARCOS, CALIFORNIA

File Name P:\4457\Engr\DWG_Plans\Entitlement\SDP\4457 GRADING & DRAINAGE.dwg, Date Last Saved 7/28/2023 4:56:36 PM, Date Plotted Last 7/28/2023 5:02:43 PM

MATCHLINE SEE SHEET C7.0

PARCEL A
TSM 18-004
SDP 17-008
APN: 219-200-47
"NOT A PART"

PARCEL 2
PM 17325
APN: 219-200-31

PARCEL 3
PM 17325
APN: 219-200-45

PARCEL 4
PM 17325
APN: 219-200-48

PVT. DRIVE 'A'
PVT. DRIVE 'B'
PVT. DRIVE 'C'
PVT. DRIVE 'D'
PVT. DRIVE 'L'

LOT 7

N17°01'07"W 631.12'

N16°59'51" W 631.30'

N73°01'32"E 613.21'

PROJECT BOUNDARY

NON-EXCLUSIVE PEDESTRIAN INGRESS, EGRESS, AND ACCESS EASEMENT FOR PASEO AREA.

9' PROP. PUBLIC PED. ACCESS EASEMENT

10' PUBLIC PEDESTRIAN ACCESS EASEMENT

24' EMERGENCY ACCESS ESMT.

6' PROP. PUBLIC PED. ACCESS EASEMENT

6' PUBLIC PED. ACCESS EASEMENT

8' PROP. PUBLIC PED. ACCESS EASEMENT

2' PROPOSED PUBLIC UTILITY & PEDESTRIAN EASEMENT

PROPERTY/SUBDIVISION BOUNDARY

PROP. ROW

EXIST. ROW

EXIST. STORM DRAIN

EXIST. FLOODPLAIN LIMITS

PROP. FLOODPLAIN LIMITS

END PROP. RETAINING WALL

END EXIST. RETAINING WALL PER SEARS SITE

BEGIN EXIST. RETAINING WALL PER SEARS SITE

LIMITS OF WORK

LIMITS OF GRADING

SEE SECTION C4.0

PROP. 24' DRIVEWAY ACCESS TO REQUIRE MAP ACTION

PROP. 38' DRIVEWAY ACCESS TO REQUIRE MAP ACTION

VISIBILITY TRIANGLE

PROP. SD TIE-IN TO EX. PUBLIC STORM DRAIN

PROP. CURB & GUTTER

EXIST. CURB & GUTTER

EXIST. 6" WATER PIPE

PROP. PORTION OF 6" ROLLED CURB & GUTTER FOR EMERGENCY FIRE ACCESS

PORTION OF EXISTING MEDIAN WIDTH TO BE REDUCED

EXIST. CURB MEDIAN

EXIST. RIGHT-OF-WAY

PROP. PARALLEL PARKING

PROP. COMMERCIAL TRASH ENCLOSURE

ON-SITE PARKING

PROP. RAISED CROSSWALK

COMMERCIAL LOADING ZONE

SAN MARCOS BLVD

SAN MARCOS BLVD

SCALE: 1"=30'

NOTE:
ALL STORM DRAIN TO BE PRIVATE UNLESS OTHERWISE NOTED.

SITE GRADING & DRAINAGE PLAN

PREPARED BY:
PROJECT DESIGN CONSULTANTS
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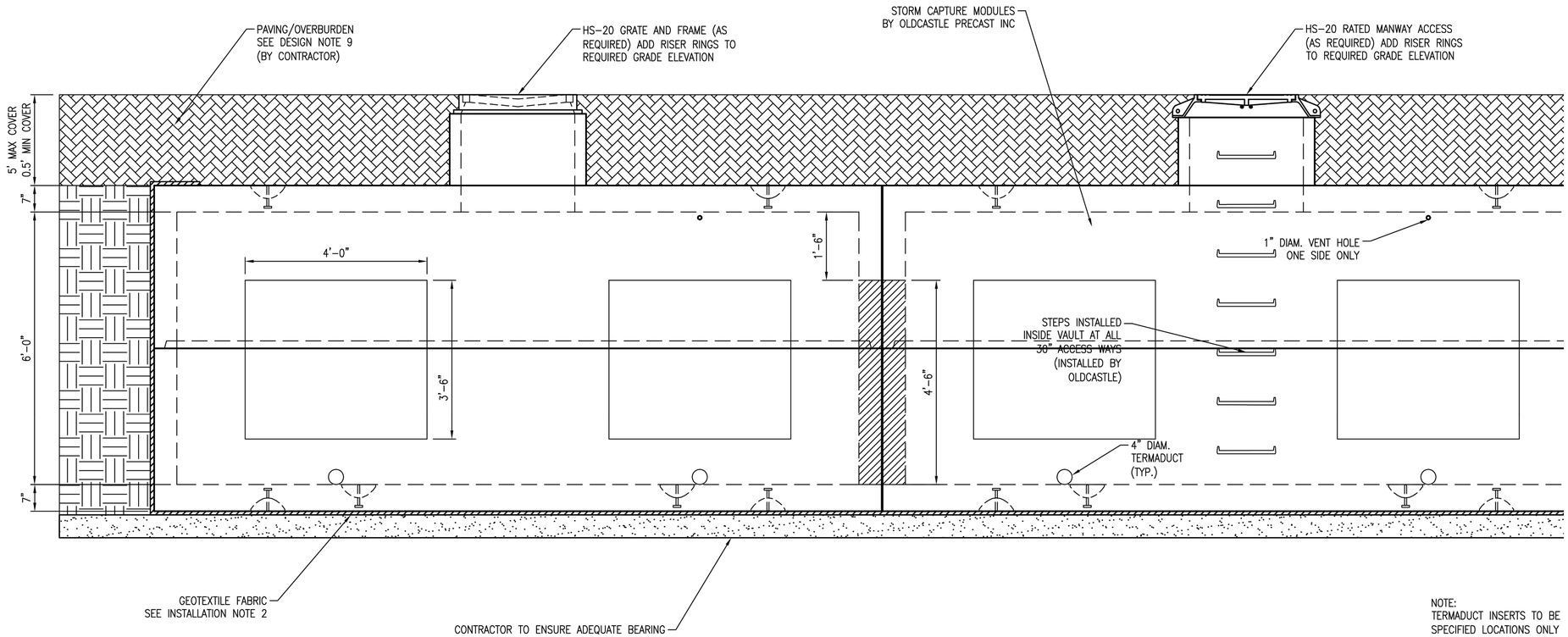
701 B Street, Suite 800 San Diego, CA 92101
619.235.6471 Tel 619.234.0349 Fax

VESTING TENTATIVE SUBDIVISION MAP/
SITE DEVELOPMENT PLAN

SAN MARCOS RESTAURANT ROW

W. SAN MARCOS BLVD. AND VIA VERA CRUZ
CITY OF SAN MARCOS, CALIFORNIA

SHEET C7.1 OF C10.0



TYPICAL ELEVATION

SCALE: 3/8" = 1'-0"

HYDROMOD BMP VAULT DETAIL

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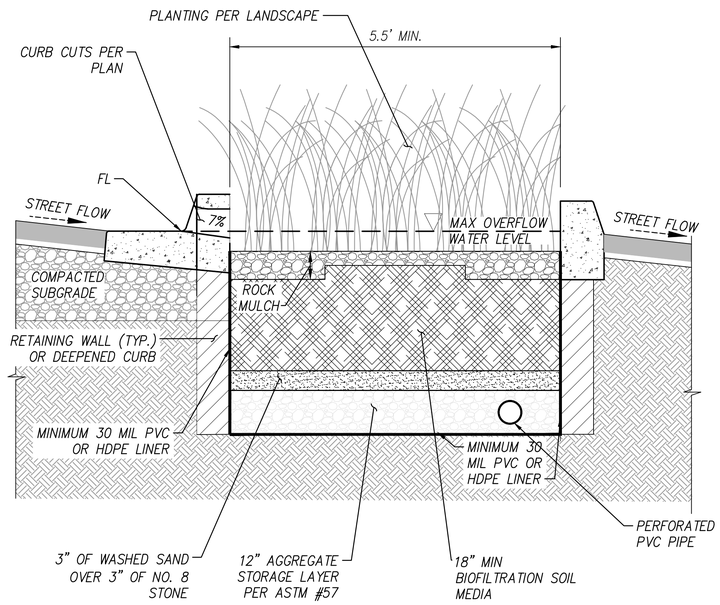

MEDIAN BIOFILTRATION PLANTER DETAIL

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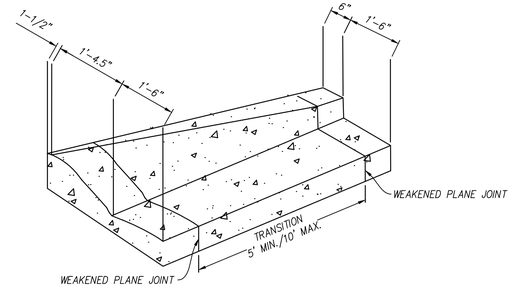
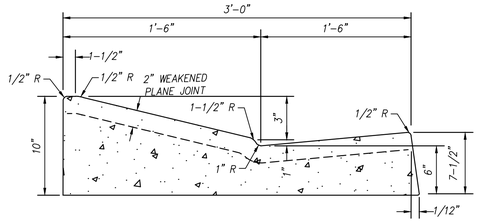


CURB AND GUTTER TO MODIFIED ROLLED CURB TRANSITION

NOT TO SCALE



MODIFIED ROLED CURB AND GUTTER

NOT TO SCALE

GRADING & DRAINAGE DETAILS

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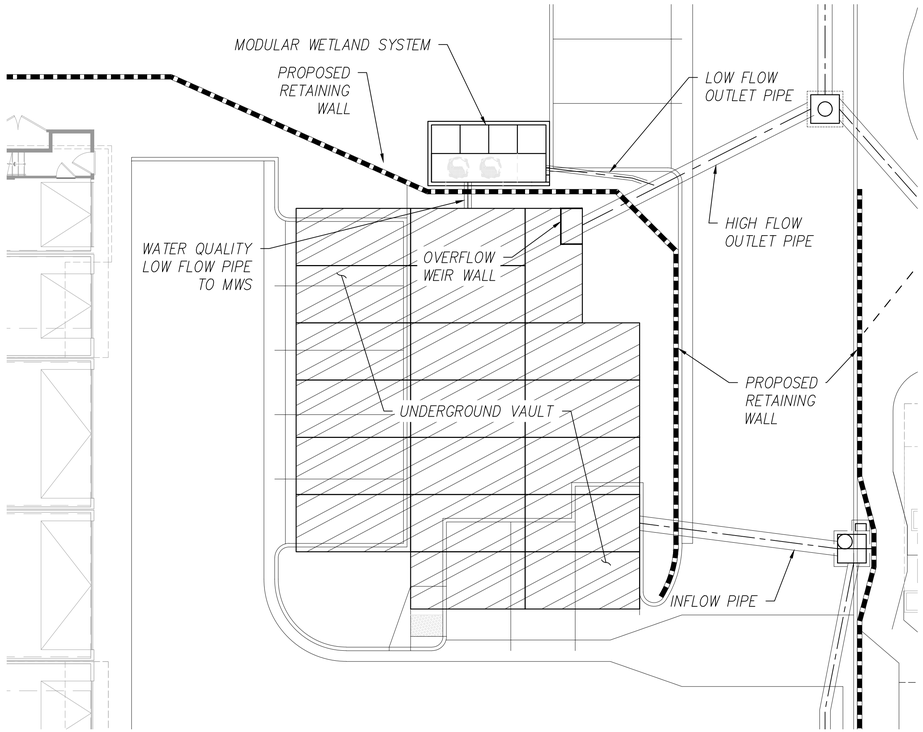
SAN MARCOS RESTAURANT ROW

W. SAN MARCOS BLVD. AND VIA VERA CRUZ
CITY OF SAN MARCOS, CALIFORNIA

SHEET C8.0 OF C10.0



MWS AND UNDERGROUND VAULT DETAIL (BMP 1A AND 1B)

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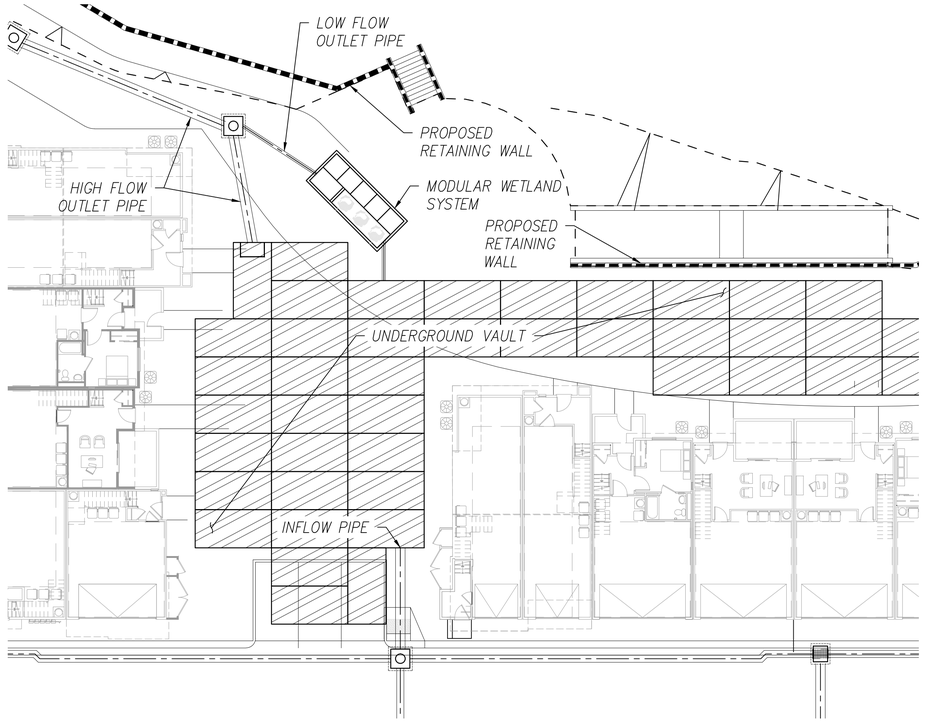

MWS AND UNDERGROUND VAULT DETAIL (BMP 2A AND 2B)

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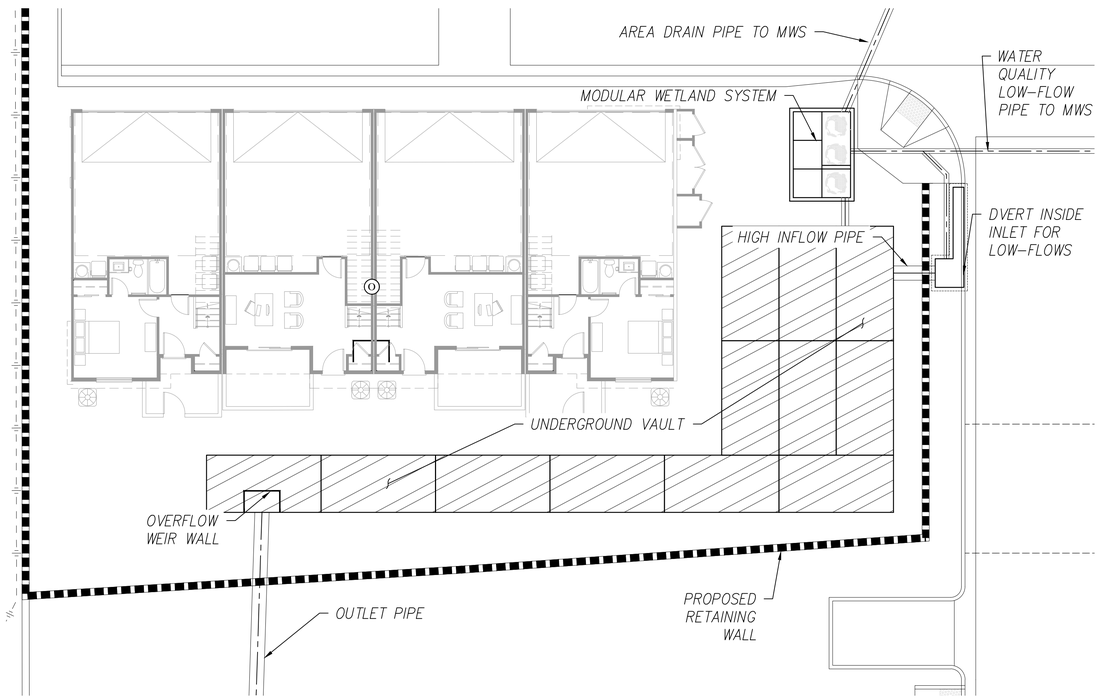
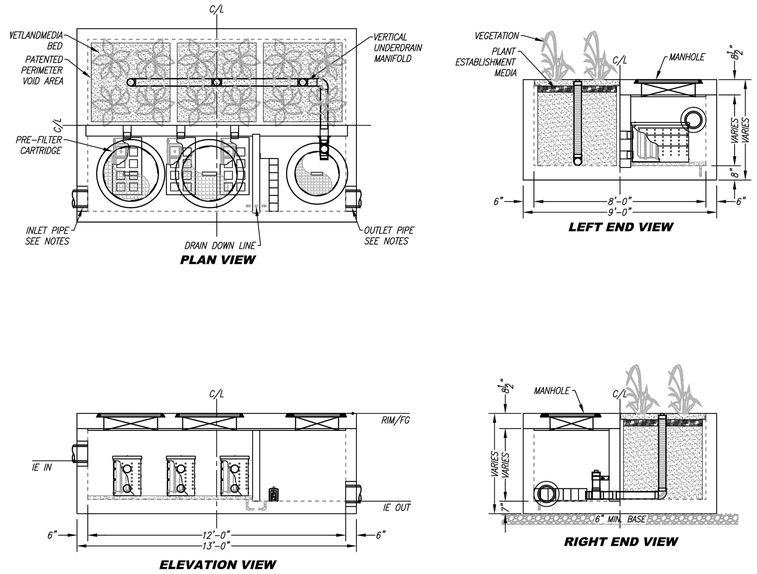


MWS AND UNDERGROUND VAULT DETAIL (BMP 3A AND 3B)

NOT TO SCALE



MODULAR WETLANDS VEGETATED UNIT MWS-L-V DETAIL

NOT TO SCALE

GRADING & DRAINAGE DETAILS

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VESTING TENTATIVE SUBDIVISION MAP/ SITE DEVELOPMENT PLAN

SAN MARCOS RESTAURANT ROW

W. SAN MARCOS BLVD. AND VIA VERA CRUZ

CITY OF SAN MARCOS, CALIFORNIA

SHEET C8.1 OF C10.0

ATTACHMENT 5
PDP-Exempt Green Street Memo for San Marcos Blvd Frontage Improvements

DATE: November 18, 2022 **FILE: 4457.00**

TO: City of San Marcos

FROM: Chelisa Pack, Project Design Consultants

SUBJECT: Restaurant Row (SP22-0004 GPA22-0002 R22-0002 TSM 22-0003 SDP 22-0006)- PDP-Exempt Green Street Report Memo for Public Improvements of San Marcos Blvd

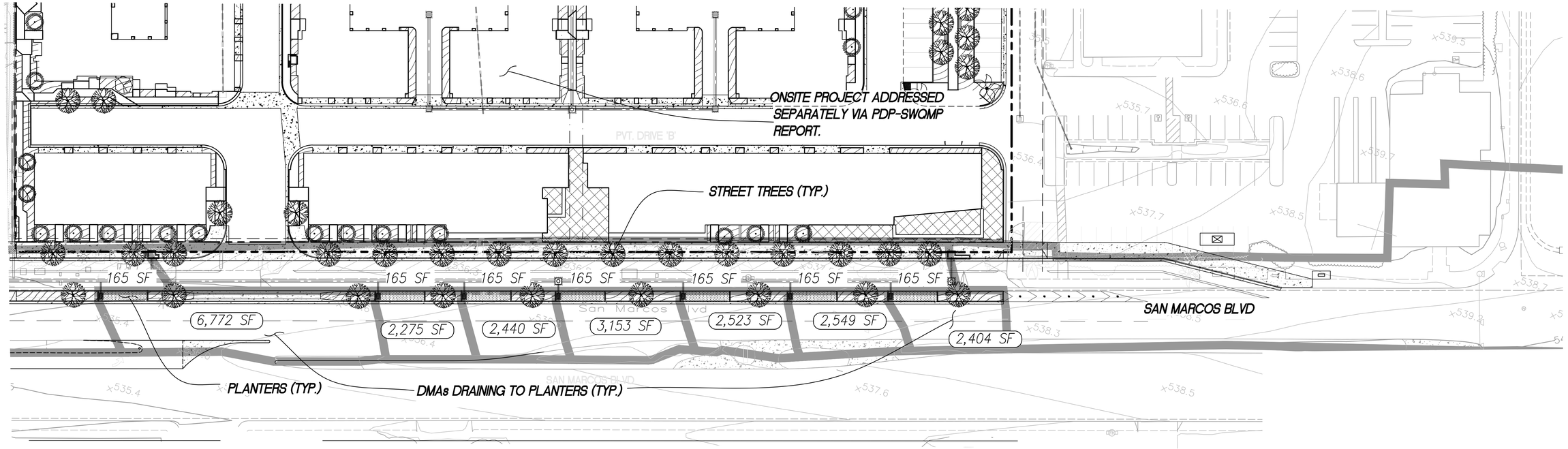
This report supports the PDP-exempt stormwater requirements for the development of the public offsite street improvements for San Marcos Boulevard for the Restaurant Row project. The project proposes to construct some public improvements and street widening along the project frontage. These public improvements include center median improvements, and a new side median for multi-way traffic improvement lanes in San Marcos Boulevard. The water quality requirements for the onsite improvements within the Restaurant Row project are addressed in a separate report entitled PDP SWQMP for San Marcos Restaurant Row prepared by PDC. The purpose of this Green Street PDP-Exempt report is to summarize the water quality design approach as a "Green Street" project for the roadway improvements. Pursuing the Green Street Approach for the offsite Public Improvements, the offsite improvements will be exempt from Priority Development Project (PDP) designation, and hydromodification requirements do not apply.

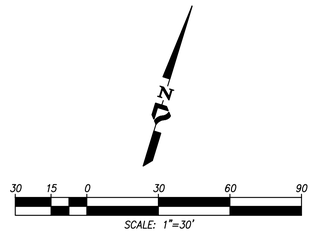
The project proposes street widening and new median improvements. San Marcos Blvd will not be significantly re-graded with the exception of road widening and the multi-way traffic improvements. Based on the coordination with the Geotechnnical Engineer from Geocon, the infiltration feasibility evaluation (and I-8 Form) for the onsite project also applies to the offsite area, due to similar soil conditions. Due to the nature of the project and site constraints, infiltration of stormwater is not desirable, and could increase the risk of pavement distress. The Green Streets approach for the proposed San Marcos Blvd public improvements focuses on implementing vegetated planters with curb cuts to accept gutter runoff where feasible. A portion of San Marcos Blvd to be disturbed will be treated in the vegetated planters that drains westerly in San Marcos Blvd. Street trees will also be planted in the parkway and median to enhance canopy interception and reduce the proposed imperviousness.

See Attachment A for the vegetated planter sizing calculations. Although green street requirements are not subject to the same BMP sizing requirements as PDP projects, planter design is based on the County of San Diego Stormwater Pollutant Control Worksheets. The planter on the most west end with the biggest DMA area (worst case scenario) was analyzed. The calculations are included in Attachment A. The calculations show that the selected planters have the ability to treat runoff from the DMA draining into the planters.

Since the proposed biofiltration planters in the median are treating public runoff, it is expected that the biofiltration planters will be public and publically maintained by the City of San Marcos. Anticipated maintenance measures include landscaping management, removal of trash and sediment, replacement of mulch, and maintenance of overflow grates and underdrains.

ATTACHMENT A – BMP SIZING





SCALE:	1"=30'
JOB #:	4457
CREATED:	8/18/21

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CITY OF SAN MARCOS

RESTAURANT ROW

GREEN STREET DMA MAP
PROPOSED CONDITIONS
EXHIBIT A

P:\4457\Engr\Reports\SWQMP\GREEN STREETS\DMA Green Street Exhibit.dwg 11/18/2022 9:43:46 AM

Automated Worksheet B.1: Calculation of Design Capture Volume (V2.0)

Category	#	Description	*i*	Units
Standard Drainage Basin Inputs	1	Drainage Basin ID or Name	1	unitless
	2	85th Percentile 24-hr Storm Depth	0.67	inches
	3	Impervious Surfaces Not Directed to Dispersion Area (C=0.90)	6,095	sq-ft
	4	Semi-Pervious Surfaces Not Serving as Dispersion Area (C=0.30)		sq-ft
	5	Engineered Pervious Surfaces Not Serving as Dispersion Area (C=0.10)	677	sq-ft
	6	Natural Type A Soil Not Serving as Dispersion Area (C=0.10)		sq-ft
	7	Natural Type B Soil Not Serving as Dispersion Area (C=0.14)		sq-ft
	8	Natural Type C Soil Not Serving as Dispersion Area (C=0.23)		sq-ft
	9	Natural Type D Soil Not Serving as Dispersion Area (C=0.30)		sq-ft
Dispersion Area, Tree Well & Rain Barrel Inputs (Optional)	10	Does Tributary Incorporate Dispersion, Tree Wells, and/or Rain Barrels?	No	yes/no
	11	Impervious Surfaces **Directed to Dispersion Area** per SD-B (Ci=0.90)		sq-ft
	12	Semi-Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.30)		sq-ft
	13	Engineered Pervious Surfaces **Serving as Dispersion Area** per SD-B (Ci=0.10)		sq-ft
	14	Natural Type A Soil **Serving as Dispersion Area** per SD-B (Ci=0.10)		sq-ft
	15	Natural Type B Soil **Serving as Dispersion Area** per SD-B (Ci=0.14)		sq-ft
	16	Natural Type C Soil **Serving as Dispersion Area** per SD-B (Ci=0.23)		sq-ft
	17	Natural Type D Soil **Serving as Dispersion Area** per SD-B (Ci=0.30)		sq-ft
	18	Number of Tree Wells Proposed per SD-A		#
	19	Average Mature Tree Canopy Diameter		ft
	20	Number of Rain Barrels Proposed per SD-E		#
	21	Average Rain Barrel Size		gal
Initial Runoff Factor Calculation	22	Total Tributary Area	6,772	sq-ft
	23	Initial Runoff Factor for Standard Drainage Areas	0.82	unitless
	24	Initial Runoff Factor for Dispersed & Dispersion Areas	0.00	unitless
	25	Initial Weighted Runoff Factor	0.82	unitless
	26	Initial Design Capture Volume	310	cubic-feet
Dispersion Area Adjustments	27	Total Impervious Area Dispersed to Pervious Surface	0	sq-ft
	28	Total Pervious Dispersion Area	0	sq-ft
	29	Ratio of Dispersed Impervious Area to Pervious Dispersion Area	n/a	ratio
	30	Adjustment Factor for Dispersed & Dispersion Areas	1.00	ratio
	31	Runoff Factor After Dispersion Techniques	0.82	unitless
	32	Design Capture Volume After Dispersion Techniques	310	cubic-feet
Tree & Barrel Adjustments	33	Total Tree Well Volume Reduction	0	cubic-feet
	34	Total Rain Barrel Volume Reduction	0	cubic-feet
Results	35	Final Adjusted Runoff Factor	0.82	unitless
	36	Final Effective Tributary Area	5,553	sq-ft
	37	Initial Design Capture Volume Retained by Site Design Elements	0	cubic-feet
	38	Final Design Capture Volume Tributary to BMP	310	cubic-feet

No Warning Messages

Automated Worksheet B.2: Retention Requirements (V2.0)

Category	#	Description	*i*	Units
Basic Analysis	1	Drainage Basin ID or Name	1	unitless
	2	85th Percentile Rainfall Depth	0.67	inches
	3	Predominant NRCS Soil Type Within BMP Location	C	unitless
	4	Is proposed BMP location Restricted or Unrestricted for Infiltration Activities?	Restricted	unitless
	5	Nature of Restriction	Groundwater	unitless
	6	Do Minimum Retention Requirements Apply to this Project?	Yes	yes/no
	7	Are Habitable Structures Greater than 9 Stories Proposed?	No	yes/no
Advanced Analysis	8	Has Geotechnical Engineer Performed an Infiltration Analysis?	No	yes/no
	9	Design Infiltration Rate Recommended by Geotechnical Engineer		in/hr
Result	10	Design Infiltration Rate Used To Determine Retention Requirements	0.000	in/hr
	11	Percent of Average Annual Runoff that Must be Retained within DMA	1.5%	percentage
	12	Fraction of DCV Requiring Retention	0.01	ratio
	13	Required Retention Volume	3	cubic-feet

No Warning Messages

Automated Worksheet B.3: BMP Performance (V2.0)

Category	#	Description	*i*	Units
BMP Inputs	1	Drainage Basin ID or Name	1	sq-ft
	2	Design Infiltration Rate Recommended	0.000	in/hr
	3	Design Capture Volume Tributary to BMP	310	cubic-feet
	4	Is BMP Vegetated or Unvegetated?	Vegetated	unitless
	5	Is BMP Impermeably Lined or Unlined?	Lined	unitless
	6	Does BMP Have an Underdrain?	Underdrain	unitless
	7	Does BMP Utilize Standard or Specialized Media?	Standard	unitless
	8	Provided Surface Area	165	sq-ft
	9	Provided Surface Ponding Depth	4	inches
	10	Provided Soil Media Thickness	21	inches
	11	Provided Gravel Thickness (Total Thickness)	15	inches
	12	Underdrain Offset	3	inches
	13	Diameter of Underdrain or Hydromod Orifice (Select Smallest)	8.00	inches
	14	Specialized Soil Media Filtration Rate		in/hr
	15	Specialized Soil Media Pore Space for Retention		unitless
	16	Specialized Soil Media Pore Space for Biofiltration		unitless
	17	Specialized Gravel Media Pore Space		unitless
Retention Calculations	18	Volume Infiltrated Over 6 Hour Storm	0	cubic-feet
	19	Ponding Pore Space Available for Retention	0.00	unitless
	20	Soil Media Pore Space Available for Retention	0.05	unitless
	21	Gravel Pore Space Available for Retention (Above Underdrain)	0.00	unitless
	22	Gravel Pore Space Available for Retention (Below Underdrain)	0.40	unitless
	23	Effective Retention Depth	2.25	inches
	24	Fraction of DCV Retained (Independent of Drawdown Time)	0.10	ratio
	25	Calculated Retention Storage Drawdown Time	120	hours
	26	Efficacy of Retention Processes	0.12	ratio
	27	Volume Retained by BMP (Considering Drawdown Time)	37	cubic-feet
	28	Design Capture Volume Remaining for Biofiltration	273	cubic-feet
Biofiltration Calculations	29	Max Hydromod Flow Rate through Underdrain	2.7872	cfs
	30	Max Soil Filtration Rate Allowed by Underdrain Orifice	729.74	in/hr
	31	Soil Media Filtration Rate per Specifications	5.00	in/hr
	32	Soil Media Filtration Rate to be used for Sizing	5.00	in/hr
	33	Depth Biofiltered Over 6 Hour Storm	30.00	inches
	34	Ponding Pore Space Available for Biofiltration	1.00	unitless
	35	Soil Media Pore Space Available for Biofiltration	0.20	unitless
	36	Gravel Pore Space Available for Biofiltration (Above Underdrain)	0.40	unitless
	37	Effective Depth of Biofiltration Storage	13.00	inches
	38	Drawdown Time for Surface Ponding	1	hours
	39	Drawdown Time for Effective Biofiltration Depth	3	hours
	40	Total Depth Biofiltered	43.00	inches
	41	Option 1 - Biofilter 1.50 DCV: Target Volume	409	cubic-feet
	42	Option 1 - Provided Biofiltration Volume	409	cubic-feet
	43	Option 2 - Store 0.75 DCV: Target Volume	204	cubic-feet
	44	Option 2 - Provided Storage Volume	179	cubic-feet
	45	Portion of Biofiltration Performance Standard Satisfied	1.00	ratio
Result	46	Do Site Design Elements and BMPs Satisfy Annual Retention Requirements?	Yes	yes/no
	47	Overall Portion of Performance Standard Satisfied (BMP Efficacy Factor)	1.00	ratio
	48	**Deficit of Effectively Treated Stormwater**	**0**	cubic-feet

Attention!

- BMPs sized at <3% of the effective tributary areas must be accompanied by Reduced Size BMP Maintenance calculations (see last tab).

Automated Worksheet B.4: Reduced Size BMP Maintenance Interval (V2.0)

Category	#	Description	*i*	Units
Drainage Basin Info	1	Drainage Basin ID or Name	1	unitless
	2	Final Effective Tributary Area	5,553	sq-ft
	3	Provided BMP Surface Area	165	sq-ft
Biofiltration Clogging Inputs	4	Average Annual Precipitation	10.0	inches
	5	Load to Clog (default =2.0)	2.0	lb/sq-ft
	6	TSS Pretreatment Efficacy		yes/no
	7	Percentage "Commercial"		percentage
	8	Percentage "Education"		percentage
	9	Percentage "Industrial"		percentage
	10	Percentage "Low Traffic Areas"		percentage
	11	Percentage "Multi-Family Residential"		percentage
	12	Percentage "Roof Areas"		percentage
	13	Percentage "Single Family Residential"		percentage
	14	Percentage "Transportation"	90%	percentage
	15	Percentage "Vacant/Open Space"	10%	percentage
	16	Percentage "Steep Hillslopes"		percentage
Result	17	Total Percentage of Above Land Uses	100%	percentage
	18	Average TSS Concentration for Tributary After Pretreatment	65	mg/L
	19	Average Annual Runoff Volume	4,628	cubic-feet
	20	Average Annual TSS Load	19	lb/yr
	21	Available Sediment Storage within BMP	330	lb
	22	Anticipated Major Maintenance Frequency	17.6	years

No Warning Messages

Appendix O
Built Environment Memorandum

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MAIN OFFICE
605 THIRD STREET
ENCINITAS, CALIFORNIA 92024
T 800.450.1818 F 760.632.0164

MEMORANDUM FOR RESTAURANT ROW PROJECT- BUILT ENVIRONMENT CEQA HISTORIC RESOURCES

To:	Sean del Solar, Senior Planner, City of San Marcos, email: sdelsolar@san-marcos.net
From:	Kathryn Haley, email: khaley@dudek.com; Nicole Frank, email: nfrank@dudek.com
Subject:	Memorandum for Restaurant Row Project – Built Environment CEQA Historic Resources
Date:	July 2023
cc:	Vanessa Scheidel, email: vscheidel@dudek.com
Attachment(s):	N/A

The project site consists of an approximately 10.5-acre area covering three parcels: 1020-1080 W San Marcos Boulevard (APNs 219-200-30, 31, and 45) known locally as, "Old California Restaurant Row." On May 19, 2023, Dudek Architectural Historian, Nicole Frank, MSHP, requested building permits for the existing buildings located in the project site through the City of San Marcos City Clerk Department. On June 5, 2023, the City's Clerk Department electronically provided Ms. Frank with an extensive file of building, plumbing, and electrical permits for the above-mentioned parcels (Request Number: PRA-2023-145). Using the requested permit records, the existing buildings located within the boundary of the proposed project site, have the following construction dates:

- APN 219-200-31-00, two buildings located on the parcel, one building was constructed in 1978 (Permit # 4487) and the other appears to date to 1994 (Permit # 22654)
- APN 219-200-45-00, one building constructed in 1978 (Permit # 4830)
- APN 219-200-30-00, no buildings are located on this parcel

The following text provides a summary of Dudek's efforts to identify known CEQA historical resources within the project site.

1 Records Search Review

In May 2022, Dudek archeologists submitted a record search request for the project site including a surrounding one-mile radius buffer. This request was conducted by the South Coastal Information Center (SCIC) staff. The

records search did not identify any previously recorded or evaluated archaeological sites or built environment building or structures within the proposed project site.

2 Built Environment Resource Directory

The Built Environment Resource Directory (BERD) files provide information, organized by county, regarding non-archaeological resources in the Office of Historic Preservation's (OHP) inventory. The OHP inventory contains information only for built environment resources that have been processed through the office. This includes resources reviewed for eligibility for the NRHP and the California Historical Landmarks programs through federal and state environmental compliance laws, and resources nominated under federal and state registration programs. The BERD replaces the former Historic Properties Directory (HPD) that previously provided evaluation status information for resources processed through the OHP.

Dudek accessed the San Diego BERD from OHP on May 24, 2023. The project site was searched for in the online BERD; no listing was found for the project site.

3 County of San Diego Historic Property List

Dudek accessed the County of San Diego's Historic Property List on May 24, 2023. The Historic Property List contains all properties located within unincorporated San Diego County identified as a historic resource prior to 2002 through 2022 as well as a list of qualified historic unreinforced masonry buildings. Despite the Project area being located within the City of San Marcos, the County's list includes properties located directly adjacent to or within some city boundaries and therefore required verification for listing of the project site. The project site was searched for in the online list; no listing was found for the project site.

4 City of San Marcos

According to the City of San Marcos Environmental Review and Sustainability website, as of 2009, many historical and archaeological resource sites have been identified within San Marcos. On May 25, 2023, Dudek Architectural Historian Nicole Frank, MSHP contacted Planning Director, Joseph Farace, in reference to these known resource sites in relationship to the project site. Mr. Farace sent a copy of Resolution No. 2005-6539, adopted by the San Marcos of City Council, establishing a Mills Act Program in the city. The resolution identified additional historically significant structures and sites in the city that are qualified to participate in the Mills Act program. Dudek reviewed all of this data and confirmed that no previously identified Historic Structure or Site of San Marcos has been identified within the project site boundary.

5 Summary

There are buildings located in the proposed project site associated with "Old California Restaurant Row" that appear to date to 1978 which as of 2023 makes them 45 years old (APN 219-200-31-00 and APN 219-200-45-00). As summarized above, no previously identified built environment cultural resources including the extant buildings located within the project site have been previously recorded, evaluated, considered eligible, or were found during

research to be formally listed in a federal, state, or local register. As the CEQA Lead Agency, the City has determined that no further documentation or consideration under CEQA for the existing buildings located within the project site is required. In consideration of these factors, there are no known historical resources for the purposes of CEQA located within the project site.