PHASE I ENVIRONMENTAL SITE ASSESSMENT

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Perris, California

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EXECUTIVE SUMMARY

Apex Companies, LLC (Apex) performed a Phase I Environmental Site Assessment (ESA) of the property located to the northeast of the Harvill Avenue and Rider Street intersection in Perris, California (Subject Property) on behalf of Duke Realty (Duke). The Subject Property is comprised of two parcels identified as City of Perris Assessor's Parcel Numbers (APNs) 317-170-024 and 317-170-045 and consists of approximately 15 acres of undeveloped land (**Figures 1 and 2**).

Based on historical information reviewed, the Subject Property was shown as vacant undeveloped agricultural land from 1938 to 1961. In the late 1960s the Subject Property was developed as a grain milling operation and remained as a grain milling operation until July 2019, when Duke Realty bought the property. Buildings formerly located on the Subject Property were demolished in the Fall of 2019. The Subject Property is not currently in use and is vacant. The remaining items from demolition activities observed on site include a pile of crushed concrete (approximately 300 cubic yards), three piles of packaged railroad spurs, a covered roll-off bin filled with demolition waste, and one Caterpillar Loader. All these items are waiting to be hauled off the Subject Properly.

The Subject Property was historically developed as a grain milling operation on the southeast portion from 1968 to 2019 while the west and north portions remained undeveloped. The former grain milling operation facilities that were recently demolished in the fall of 2019 are shown on **Figure 3**. These included one main building that operated as the mixing plant, office, warehouse, and drug (i.e. antibiotics added to animal feed) storage area, a loading dock on the east side of the warehouse, and a scale house to the south, one trailer office, one large grain silo, and several "additive" above ground storage tanks that held vegetable/canola oil, Alimet®, fish biproducts, animal fat, and "bakery" (flour, dough, etc.) additives. North of the main building, connected through auger belts which transported the grain and corn, were four large grain silos with air venting systems to remove air from the silos, thereby reducing the potential for combustion. Railroad spurs were located north and south of the four large silos to unload shipped materials (i.e. corn) into the silos. A corn-only truck loading platform was located on the west side of the four large silos. West of the main building was a storage/vehicle shed and mobile home.

The Subject Property previously contained two 10,000-gallon diesel underground storage tanks (USTs) that were removed June 25, 1998. Petroleum impacted soil apparently related to the operation of the USTs was documented to approximately 95-feet below ground surface (bgs); however, since groundwater was noted at approximately 120-feet bgs, and only low levels of gasoline constituents were detected to approximately 95-feet bgs and diesel was detected to approximately 40-feet bgs, and since the area was capped with asphalt and/or concrete, the Riverside County of Environmental Health (RCDEH) issued a case closure without requiring remediation. Staining was noticed beneath the corn-only feeder and on the cement in the storage shed that was previously used to repair vehicles, tractors, and other equipment, and a previous Phase I conducted by CW Soils (CWS) in 2013 noted staining on the loading dock. CWS also observed a septic system at the Subject Property that was not observed by Apex. Lastly, soil

excavated from the construction of Harvill Avenue in 1994 was reportedly placed on the north portion of Parcel 045, subsequently creating a mound that was observed on the Subject Property.

The Subject Property appeared in 13 databases in the EDR report and is a closed, former diesel UST case with documented soil impacts under oversight of the RCDEH. A Phase I ESA was conducted by Apex in February 2019 which recommended a Phase II ESA (Apex 2019a). The Phase II ESA was completed in June 2019 and did not find any contamination above applicable screening levels for commercial development (Apex 2019b).

The surrounding area is a mix of undeveloped land and light industrial/commercial properties. This assessment has revealed no evidence of RECs in connection with the Subject Property and Apex does not have any further recommendations at this time.

TERMINOLOGY

This section contains definitions for technical terms used in the report. Italicized terms are defined in the American Society and Testing Materials (ASTM) Standard Practice E 1527-13 and provided below for easy reference.

Recognized Environmental Condition (REC): "The presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

Historical Recognized Environmental Condition (HREC): "A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional (EP) must determine whether the past release is a REC at the time the Phase I Environmental Site Assessment (ESA) is conducted (for example, if there has been a change in regulatory criteria). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC."

Controlled Recognized Environmental Condition (CREC): "A REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by the regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the EP to be a CREC shall be listed in the findings section of the Phase I ESA report, and as a REC in the conclusions section of the Phase I ESA report."

De minimis condition: "A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis conditions* are not *RECs* nor *controlled recognized environmental conditions*."

Business Environmental Risk: "A risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations."

Data Gap: "A lack of or inability to obtain information required by this practice despite good faith efforts by the EP to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.)."

LIST OF ACRONYMS

AAI	All Appropriate Inquiries
APEX	Apex Companies, LLC
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
AUL	Activity and Use Limitations
ASTM	American Society and Testing Materials
CFR	Code Federal of Regulations
CREC	Controlled Recognized Environmental Condition
CUPA	Certified Unified Program Agency
Duke	Duke Realty
ECHO	Enforcement & Compliance History Information
EDR	Environmental Data Resources, Inc.
EMI	Emission Inventory Data
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Phase I Environmental Site Assessment
ESL	Environmental Screening Level
ft bgs	Feet Below Ground Surface
FEMA	Emergency Management Agency
FINDS	Facility Index System
FIRM	Flood Insurance Rate Map
FWS	Fish and Wildlife Services
HAZMAT	Hazardous Material

HAZNET	Hazardous Waste Information System
HIST LUST	Historical Leaking Underground Storage Tank
HREC	Historical Recognized Environmental Condition
HWP	EnviroStor Permitted Facilities Listing
LUST	Leaking Underground Storage Tank
mg/kg	milligram per kilogram
NPDES	National Pollutant Discharge Elimination System
PCB	Polychlorinated biphenyls
RCRA	Resource Conservation and Recovery Act
NON-GEN/NLR	Non-Generator / No Longer Regulated
REC	Recognized Environmental Condition
SLIC	Spills, Leaks, Investigation, and Cleanup
SQG	Small Quantity Generator
SWEEPS	Statewide Environmental Evaluation and Planning System
USDA-NRCS	United States Department of Agriculture; Natural Resources Conservation Service
USGS	United States Geological Society
UST	Underground Storage Tank

1.0 INTRODUCTION

1.1 Purpose

Apex Companies, LLC has prepared this Phase I Environmental Site Assessment (ESA) at the request of the Duke Realty (Duke) to identify recognized environmental conditions (RECs) that may pose potential environmental risks associated with the Subject Property, located to the northeast of the Harvill Avenue and Rider Street intersection in Perris, California.

1.2 Scope of Services

This ESA was conducted in good commercial and customary practice by utilizing the American Society and Testing Materials (ASTM) E1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" and the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (AAI), 40 CFR, Part 312. The scope of services performed were in accordance with the proposal dated August 22, 2018 and included evaluation of the following:

- Environmental databases to determine the likelihood of current and historical releases of hazardous substances and petroleum through storage, treatment, and/or disposal on or near the Subject Property where migration could occur;
- Subject Property's history through prior reports on the GeoTracker database, interviews, historical aerial photographs, topographic maps, fire insurance maps, city directories, building permits, and the preliminary title report provided by the User;
- The Subject Property's current conditions by conducting an on-site survey of the Subject Property and visual evaluation of surrounding properties, and conducting interviews with representatives of regulatory agency(s), current property owner/operator, and/or consultants for owner/operator, and;
- Physical characteristics of the Subject Property including hydrologic and soil data through available environmental files from local agencies including California Regional Water Quality Control Board, California Department of Toxic Substances Control, the City of Ontario, San Bernardino County Division of Environmental Health Services, and other appropriate agencies.

Any *RECs, historical RECs* (HREC) or *controlled RECs* (CREC), as defined by ASTM E1527-13, that were identified during the assessment are discussed in the findings and conclusions sections of this report.

1.3 Significant Assumptions

Apex has performed the historical and environmental record searches in accordance with current ASTM and industry practice. The data, findings, and conclusions presented in this ESA are based upon a detailed search, review, and analysis of the documents and interviews as well as

observations made during the site reconnaissance. Conclusions reached regarding the conditions of the Subject Property do not represent a warranty that all areas within the Subject Property are of a similar quality as may be inferred from observable conditions and available history of the Subject Property. As stated in the ASTM Standard, no ESA can wholly eliminate uncertainty regarding the potential for environmental liability in connection with the Subject Property. Apex's evaluation and analysis are intended to reduce, not eliminate, the potential for conditions that result in liability for the User of this ESA.

1.4 Limitations and Exceptions

This report was prepared as a result of a contractual agreement that defined the approach and scope of services to be employed during the course of the investigation. The opinions and conclusions expressed in this study have been based strictly on the results of these contracted services. The scope of this ESA is intended to aid in the evaluation of RECs. The services provided by Apex should not be construed as a warranty or guarantee that no RECs exist at the Subject Property or that all RECs have been uncovered. No conclusions are stated or implied concerning the suitability of the Subject Property for its eventual use. This document is not intended for purposes other than those expressly set forth herein or for use by parties other than for whom it has been prepared.

As outlined in the ASTM Standard for ESAs and Apex's scope of work, this project was non-intrusive in nature and did not include any sampling or testing of soils, groundwater, surface water, or other materials. Additionally, unless specifically described in this report, Apex's scope of work explicitly excluded issues that are outside the scope of ASTM E1527-13 which would constitute a business environmental risk as defined by ASTM. The ASTM Standard Practice E1527-13 recognizes, but not limited to, the following inherent limitations for this ESA:

- Uncertainty is Not Eliminated - No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs, and this practice recognizes reasonable limits of time and cost.
- Not Exhaustive - All Appropriate Inquiry 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.
- Level of Inquiry Is Variable - Not every property will warrant the same level of assessment. Consistent with good commercial or customary practice, the appropriate level of environmental site assessment will be guided by the type of property, the expertise and risk tolerance of the user, and the information developed in the course of the inquiry.

In general, the EPA does not regulate indoor air quality except to the extent that indoor air impacts are caused by releases of hazardous substances into subsurface soil or groundwater (vapor intrusion). ASTM E1527-13 defines "migrate" and "migration" as referring to the movement of hazardous substances or petroleum products in any form, including solid and liquid at the surface or

subsurface, and vapor in the subsurface. Vapor migration in the subsurface is described in Guide E2600 – Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions; however, nothing in ASTM E1527-13 requires application of the Guide E2600 to achieve compliance with all appropriate inquiries.

An ESA completed less than 180 days prior to the date of acquisition of the property or (for transactions not involving an acquisition) the date of the intended transaction, is presumed to be valid. An ESA meeting or exceeding this practice and for which the information was collected or updated within one year prior to the date of the intended transaction, may be used provided that the following components of the ESA were conducted or updated within 180 days of the date of purchase or the date of the intended transaction:

- interviews with owners, operators, and occupants;
- searches for recorded environmental cleanup liens;
- reviews of federal, tribal, state, and local government records;
- visual inspections of the property and of adjoining properties, and;
- the declaration by the environmental professional responsible for the assessment or update.

1.5 Special Terms and Conditions

This project was performed in accordance with the scope of work, terms and conditions and limitations stated in the proposal dated November 15, 2019, and as stated in this report. There are no other special terms or conditions concerning this project.

1.6 User Reliance

This report documents the ESA of the Subject Property performed by Apex in accordance with the proposal and in accordance with ASTM E1527-13 and the U.S. EPA Standards and Practices for All Appropriate Inquiries, 40 CFR 312. The findings, opinions and conclusions of this Phase I ESA are for the confidential and exclusive use of Duke, its affiliates, employees, agents, successors, and assigns. Reliance on this report for any use by parties other than specifically stated is prohibited without the express written consent of Apex and Duke, and such use is at the sole risk of the user.

1.7 Data Gaps

Available historical information enabled Apex to identify the first developed use of the property and surrounding area, of which is a combination of undeveloped land and light industrial/commercial properties. Furthermore, consistent documentation exists for the Subject Property, such that significant data gaps were not encountered.

2.0 SITE DESCRIPTION

2.1 Site Location and Ownership

The Subject Property is located at 23840 Rider Street in Perris, California (**Figure 1**). The Subject Property is approximately 15.08 acres and is identified as City of Perris Assessor's Parcel Numbers (APNs) 317-170-024 and 317-170-045, listed as 23840 and 23842 Rider Street, in Perris, California (**Figure 2**). Both parcels are owned by Duke Realty. The Subject Property is bounded by Harvill Avenue to the west, railroad tracks and Interstate 215-Escondido Freeway to the east, vacant land to the north, and Rider Street to the south (**Figure 3**).

2.2 Current Uses and Improvements of Subject Property

The Subject Property is currently a vacant, undeveloped and fenced dirt lot in the southern portion and vacant land in the western and northern portions. Buildings formerly located in the southern portion of the Subject Property were demolished in the Fall of 2019. At the time of the Site Reconnaissance the remaining items from demolition activities observed include a pile of crushed concrete (approximately 300 cubic yards), three piles of packaged railroad spurs, a covered roll-off bin filled with demolition waste, and one Caterpillar Loader. All these items are waiting to be hauled off the Subject Properly. Photographs taken during the Site Reconnaissance are located in **Appendix A** which show current uses and improvements of the Subject Property.

2.3 Current Land Uses of Adjoining and Surrounding Properties

The Subject Property is surrounded by industrial, commercial, and undeveloped properties, as shown on the Site and Adjacent Properties Plan, provided as **Figure 4**, and listed in **Table 2-1** below. The general area expanded its industrial/commercial properties in 2006; however, agriculture/rural properties are between these expanded industrial/commercial properties.

TABLE 2-1: Adjacent and Surrounding Properties

Direction	Description
North	Vacant land, followed by a railroad spur and California Truss Company (commercial lumber yard).
East	Adjacent east are railroad tracks, which run parallel to Interstate 215-Escondido Freeway.
South	JM Eagle Perris Plant (plastic pipe manufacturer).
West	Harvill Avenue, followed by undeveloped and agriculture land.

The industrial property JM Eagle Perris Plant (plastic pipe manufacturer), first appeared in historical documents in 1989. The building was expanded between 1990 to 1997, at which time it resembled its current layout. The Truss Company (lumber yard) first appeared in historical documents in 1985. The facility expanded from 2006 to 2016, at which time it resembled its current layout.

3.0 USER PROVIDED INFORMATION

This section summarizes the information provided by the User, Duke Realty (Duke), for this Phase I Environmental Site Assessment (ESA). A User Questionnaire was prepared and sent to Duke to help retrieve the needed information and assist in gathering appropriate information that may help identify potential RECs on the property. A copy of the completed questionnaire is provided in **Appendix B**. Information provided is summarized in **Table 3-1** and elsewhere in this report.

TABLE 3-1: User Provided Information

Data Type	Information Provided
Environmental Liens, AUL, Title Records	The Subject Property does not have an environmental lien or AUL.
Specialized User Knowledge	Duke Realty indicated they had no specialized knowledge related to the Subject Property.
Commonly Known or Reasonably Ascertainable Information	No information provided.
Valuation Reduction for Environmental Issues	The User is responsible to perform the additional inquiries regarding purchase price to the fair market value of the Site.
Reason for Performing Phase I ESA	This Phase I ESA was performed at the request of Duke in anticipation of an acquisition involving the Subject Property, for the User to qualify for defenses to CERCLA liability, and as part of Duke's Due Diligence for the acquisition loan requirements.
Other User Provided Information	The User provided Apex with a Phase I ESA completed in 2019 and a Phase II ESA Report that was completed on June 28, 2019 (**Appendix E**).

4.0 RECORDS REVIEW

This section summarizes all records obtained by Environmental Data Resources, Inc. (EDR) and reviewed by Apex to help identify RECs in connection with the Subject Property. The first section discusses the physical setting sources that will provide an understanding of the physical characteristics of the Subject Property and surrounding area. This important information will help determine likelihood of potential of contaminants migrating onto the Subject Property from surrounding properties with environmental contaminants. The next section reviews current and historical environmental records associated with the Subject Property and surrounding properties. Relevant listings will be discussed and reviewed for potential RECs. The section for historical use record review will follow to develop a history of the previous uses of the Subject Property and surrounding area to help identify RECs from past uses followed by a findings section where identified RECs and information is summarized. The full EDR report can be found in **Appendix C**.

4.1 Physical Setting Sources

Although the ASTM E1527-13 Standards only require a current U.S. Geological Survey (USGS) 7.5 Minute Topographic Map for analysis, that is not enough information to fully characterize the physical setting of the Subject Property. Apex utilized several sources to understand the physical properties of the Subject Property and surrounding area, as shown in **Table 4-1**. This information will determine the likelihood of hazardous substances and/or petroleum contaminants migrating from surrounding areas through the soil and groundwater onto the Subject Property. More importantly, it will also identify significant environmental record listings in the following sections that are upgradient of groundwater flow where the contaminants could migrate onto the Subject Property.

TABLE 4-1: Physical Setting Sources

Data Type	Data Source
Topography	2012 U.S. Geological Survey Perris, California 7.5-minute topographic map. 2012 U.S. Geological Survey Steele Peak, California 7.5-minute topographic map. 2002 (updated 2006) U.S. Geological Survey 7.5-minute digital elevation model.
Floodplain	Federal Emergency Management Agency, Flood Insurance Rate Map
Wetlands	Fish and Wildlife Service (FWS) National Wetlands Inventory (http://www.fws.gov/wetlands/data/mapper.HTML)
Soils	United States Department of Agriculture (USDA) – Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) (http://websoilsurvey.nrcs.usda.gov/app/)
Geology	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).

4.1.1 Topography

The United States Geological Survey (USGS), Perris, California Quadrangle 7.5-minute series and Steele Peak, California Quadrangle 7.5-minute series topographic maps were reviewed for this ESA. The maps were published by the USGS in 2012. Based on a review of the topographic maps, the Property is approximately 1,510 feet above mean sea level. The contour lines also indicate that the Subject Property area is sloping to the east-northeast. The Colorado River Aqueduct is located in the Val Verde Tunnel bordering the north portion of the Subject Property, approximately 120-feet beneath the ground. The nearest aboveground water bodies are the San Jacinto River located approximately 5.2 miles south-southeast of the Subject Property, Lake Perris, a man-made lake built in the 1970s, located approximately 3.8 miles northeast of the Subject Property, and Lake Mathews located approximately 9 miles west of the Subject Property.

4.1.2 Geology and Soils

According to the USGS geologic Map of the Perris 7.5' Quadrangle in Riverside County (Morton, 2003), Perris is located between the Elsinore and San Jacinto fault zones, within the northern portion of the Peninsular Ranges Province within the central portion of the Perris block. The Perris quadrangle is underlain by Cretaceous plutonic and intrusive rocks.

Based on a review of the US Department of Agriculture's (USDA) Soil Conservation Service (SCS) maps, the Subject Property is primarily underlain by the Ramona and Greenfield sandy loam series. The Ramona and Greenfield soil series consist of deep and moderately deep, moderately well drained soils that formed in moderately coarse textured alluvium.

4.1.3 Hydrology and Hydrogeology

The Subject Property, located within the San Jacinto groundwater sub-basin, does not have surface water bodies on the property or in the immediate vicinity. However, the nearest bodies of water are the San Jacinto River located approximately 5.2 miles south-southeast of the Subject Property, Lake Perris, a man-made lake built in the 1970s, located approximately 3.8 miles northeast of the Subject Property, and Lake Mathews located approximately 9 miles west of the Subject Property. The radius map within the EDR Report (**Appendix C**) contains layers from the Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) and the FWS National Wetlands Inventory Map. This figure shows that the Subject Property is not located on a national or state wetland or within a 100-year or 500-year flood zone.

A soil boring installed at the Subject Property in 1999 did not encounter groundwater to a depth of 100-feet bgs. Groundwater flow beneath the Subject Property was determined using several off-site sources listed on the California Water Resources Control Board's GeoTracker Database. The closest site with groundwater data is the Shell Service Station closed cleanup project located at 4039 N Perris Blvd, Perris located approximately 1.59 miles northeast of the Subject Property. According to a Confirmation Boring Assessment Report and Closure Request for that site dated April 22, 2009, the depth to groundwater was approximately 80.52 to 81.06 feet with a flow direction reported

southwest at a gradient of approximately 0.003 feet per foot (**Figure 4**). Additionally, the Colorado River Aqueduct is located in the Val Verde Tunnel, approximately 120-feet bgs, bordering the north portion of the Subject Property.

4.2 Environmental Record Review

The purpose of the environmental record review is to identify any records that the Subject Property or adjacent/surrounding properties are currently or historically associated with. This information will help identify any RECs in connection with the Subject Property and whether the listed sites with environmental records have current or former releases of hazardous substances and/or petroleum products that may have the potential to migrate onto the Subject Property.

4.2.1 Environmental Liens Search

Environmental liens and AULs can commonly be found within recorded land title records (e.g., County Recorder/Registry of Deeds). The types of title reports that may disclose environmental liens and AULs include Preliminary Title Reports, Title Commitments, Condition of Title, and Title Abstracts. Chain-of-title reports will not normally disclose environmental liens or AULs. Environmental liens and AULs that are imposed by judicial authorities may be recorded or filed in judicial records only. An environmental lien report was provided to Apex for review. No environmental liens or AULs are associated with the Subject Property. The Environmental Lien and AUL Search Report is included in **Appendix D**.

4.2.2 Standard and Additional Environmental Record Sources

Consistent with ASTM E1527-13, a search of federal, state, and tribal environmental record sources within the established minimum search distances was conducted for the Subject Property by Environmental Data Resources, Inc. (EDR) and provided to Apex for review. The records search is used to identify adjoining or surrounding properties within the minimum search distance that may have a REC, HREC, CREC, or a de minimis condition that may exist at the Subject Property in connection with the searched listing. Apex reviewed the listings provided in the EDR report and summarized significant listings below. A full list of databases searched for this review can be found in the EDR report in **Appendix C**.

Environmental record sources required by the ASTM standard are listed below in **Table 4-2** along with the additional database sources that were searched and that produced a record result. Pertinent findings from the Record Review are discussed at the end of this section while significant findings as they pertain to RECs are discussed in **Section 4.4** and referenced in **Section 8.0**, Conclusions and Recommendations.

TABLE 4-2: Summary of Environmental Database Information			
Environmental Record	**Search Distance (Miles)**	**Listings within Search Distance**	**Subject Property Listed?**
Standard Environmental Records Sources Required by ASTM E1527-13			
Federal National Priorities Sites List (NPL, Proposed NPL, NPL LIENS)	1.0	0	No
Federal Delisted NPL Sites	1.0	0	No
Federal SEMS Sites (Former CERCLIS)	0.5	0	No
Federal SEMS Archive Sites (Former CERCLIS NFRAP)	0.5	0	No
Federal RCRA CORRACTS Facilities	1.0	**1**	No
Federal RCRA Non-CORRACTS TSD Facilities List	0.5	0	No
Federal RCRA Generators List (RCRA-LQG, -SQG, -CESQG)	0.25	**2**	No
Federal Institutional Control / Engineering Control Registries (IC/EC)	0.5	0	No
Federal Emergency Response Notification System (ERNS) List	Site	0	No
State / Tribal-Equivalent NPL Sites	1.0	0	No
State / Tribal-Equivalent CERCLIS Sites (ENVIROSTOR)	1.0	**3**	No
State / Tribal-Equivalent Landfill and Solid Waste Disposal Sites (SWF/LF)	0.5	0	No
State / Tribal-Equivalent Leaking Storage Tank (LUST) Sites	0.5	**2**	No
State / Tribal Registered Storage Tank List	0.25	0	No
State / Tribal Voluntary Cleanup Sites (VCP)	0.5	0	No
State / Tribal Brownfields Sites	0.5	0	No
Additional State and Federal Record Sources			
U. S. Brownfields	0.50	0	No
Local Lists of Landfill / Solid Waste Disposal Sites	0.50	**1**	No
Local Lists of Hazardous Waste / Contaminated Sites	1.00	**2**	No
Local Lists of Registered Storage Tanks	0.25	0	No
Local Land Records	0.50	0	No
Records of Emergency Release Reports	Site	0	No

TABLE 4-2: Summary of Environmental Database Information			
Environmental Record	**Search Distance (Miles)**	**Listings within Search Distance**	**Subject Property Listed?**
RCRA NonGen / NLR	0.25	**3**	No
Facility Index System (FINDS)	Site	**1**	**Yes**
Enforcement & Compliance History Information (ECHO)	Site	**1**	**Yes**
CA Hazardous Waste Manifest Database (HAZNET)	Site	**1**	**Yes**
California Historic CORTESE	0.50	**1**	No
National Pollutant Discharge Elimination System (NPDES)	Site	**1**	No
California Water Resources Control Board – Waste Discharge System (WDS)	Site	1	**Yes**
California Integrated Water Quality System (CIWQS)	Site	**1**	**Yes**
California Environmental Reporting System (CERS)	Site	**1**	**Yes**

4.2.3 Subject Property Environmental Record Results

The Subject Property was listed on HAZNET, NPDES, CIWQS, ECHO, WDS, CERS, RCRA NONGEN / NLR, and FINDS (a total of eight) databases in the EDR report. In addition, a former occupant of the Subject Property, McAnally Enterprises, is incorrectly identified at 23480 Rider Street on the LUST, CERS, SWEEPS UST, CA FID UST, and HIST CORTESE databases. Relevant environmental documents referenced below can be found in **Appendix E**.

Listings in the HAZNET, RCRA NONGEN / NLR, and FINDS databases pertain to the bulk storage of “organic solids”. Listings in the NPDES, CIWQS, ECHO, WDS, and CERS databases are due to stormwater discharge monitoring required by the State Water Resources Control Board (SWRCB). This was required for the Subject Property’s former use as an industrial facility that prepared feed and feed ingredients for animals and fowls, except for dogs and cats.

Listings in the LUST, CERS, SWEEPS UST, CA FID UST, and HIST CORTESE databases are due to the Subject Property’s listing in the SWRCB’s GeoTracker Database as a former LUST case that received closure in 2000. The Subject Property formerly had two 10,000-gallon USTs near the former fuel dispenser island on the south side of the Subject Property that were removed June 25, 1998. In July 1999, one soil boring was drilled at the former dispenser area to a depth of 60 feet below ground surface (bgs) with samples analyzed every 5 feet. Total petroleum hydrocarbons as diesel (TPHd) was detected in all soil samples except at 55 feet bgs with a maximum concentration of 20,000 milligrams per kilogram (mg/kg) at 40 feet bgs. Low levels of TPH as gasoline (TPHg), toluene, ethylbenzene, xylenes and methyl tert-butyl ether (MtBE) were also detected in soil samples

collected from these boreholes (RCDEH 2000a). A subsequent investigation conducted in December 1999 included four 60-foot borings and one 100-foot boring were drilled around the former dispenser island to evaluate the lateral extent of the impacts. All soil samples analyzed were non-detect except for one sample at 5 feet bgs which contained 16 micrograms per kilogram (µg/kg) xylene and 26 µg/kg MtBE (RCDEH 2000a).

Based upon the results of these prior investigations, diesel impacts are present from 45 feet bgs to the surface with concentrations ranging from 2,900 mg/kg to 20,000 mg/kg with the lateral extent of impacts extending less than 20-foot around the former dispenser area. The Riverside County Department of Environmental Health (RCDEH) issued a case closure without requiring remediation based on: low levels of gasoline constituents; the depth of contamination not posing a threat to groundwater (groundwater depth is greater than 120-feet bgs); and the proposed capping of contaminated soil with asphalt and concrete (RCDEH 2000a; RCDEH 2000b).

A Phase I ESA was conducted on the Subject Property by Apex on February 11, 2019. The Phase I ESA was completed at the request of Duke as part of their Due Diligence prior to purchasing the Subject Property, and to allow them to qualify for defenses to CERCLA liability. The Phase I ESA identified the following RECs (Apex 2019a):

- Two 10,000-gallon diesel USTs were removed from the Subject Property June 25, 1998. Soil impacted with residual diesel and petroleum was documented; however, the RCDEH issued a case closure based on low concentrations at greater than 45 feet bgs and no potential impact to groundwater (groundwater greater than 120 feet bgs). Based on the documented diesel and petroleum impacted soil Apex considers the document petroleum impacts to soil at the Subject Property an REC.
- A septic system consisting of two 750-gallon septic tanks and seepage pit systems was described in the previous Phase I ESA. The septic system components were not observed during Apex's reconnaissance of the Subject Property. Although the septic system was reportedly used for restroom and hand-washing related wastes only and was not considered a REC by the authors of the report, Apex considers the presence of a septic system at industrial sites to be an REC since there is potential for improper disposal of hazardous materials via the system.
- Apex considered the presence of staining observed on the cement in the storage shed that was previously used to repair vehicles, tractors, and other general equipment an REC.
- Apex considered the soil stockpile observed on the north portion of the Subject Property to be REC based on its undocumented origin.

Based on recommendations included in the Phase I ESA, Apex conducted a Phase II soil sampling investigation in June 2019 (Apex 2019b). A direct-push technology drill rig was used to advance three (3) soil borings to 20 feet bgs around the former USTs and dispenser island and two (2) soil borings to 10 feet bgs in the former truck repair bay. A four (4) point composite soil sample was collected at a depth of 1-foot bgs from the soil mound. The remaining eight (8) borings were

advanced using a hand auger to approximately 5 feet bgs. These included six (6) borings in the former agricultural areas and two (2) borings along the side of the railroad tracks (**Figure 5**). Soil samples were collected at approximately 0.5, 2, and 5 feet bgs for the remaining eight borings. The samples from 2 and 5 feet-bgs were placed on hold at the laboratory pending results of the shallow sample (0.5-feet bgs).

Comparison of the soil sample analytical results to the USEPA and DTSC screening levels indicated that the Site is suitable for commercial development. Low detections of TPH compounds does not indicate a major spill or leak in the areas of the Former Truck Service Bay or the former USTs. Detections of trace concentrations of DDT, DDE, and dieldrin are consistent with the past agricultural use of the property and would not be expected to pose a health risk for construction or commercial workers. Metals concentrations also do not exceed USEPA and DTSC screening levels for commercial use and appear to be consistent with background metals concentrations in soil for this region (Apex 2019b). The Phase II ESA report is presented in **Appendix E**.

Apex does not consider the database listings and the previous investigations a REC in association with the Subject Property.

4.2.4 Adjacent and Surrounding Properties' Environmental Record Results

There were seven adjacent and surrounding properties identified in the EDR report for off-site facilities within the applicable ASTM search radii. The seven properties were PW Eagle Inc DBA PW Pipe (23711 Rider St.), Arrowhead Ritchie Bros Refurb Shop (765 W. Rider St.), California Truss Co (23665 Cajalco Rd.), Val Verde Continuation High School (Nevada Ave./Morgan St.), Ecology Recycling Services, LLC (23332 Cajalco Rd.), AOC, LLC (19991 Seaton Ave.), and Val Verde Elementary School Addition (2656 Indian Ave.). Of these listings (i.e., large and small quantity hazardous waste generators, registered and historical above ground storage tanks [ASTs], permitted hazardous waste facilities, previous agricultural impacts), only two are adjacent to the Subject Property. These listings by themselves, are not necessarily indicative of a contamination concern and, therefore, are not discussed herein and were not further evaluated for purposes of this assessment. A number of facilities appear on databases indicating potential contamination concerns (e.g., ENVIROSTOR, Leaking Underground Storage Tank [LUST]; Spills, Leaks, Investigation, and Cleanup [SLIC]); however, groundwater is relatively deep (greater than 100-feet bgs), and therefore are not reasons of concern to the Subject Property. Of the sites representing a potential environmental concern, Apex did not identify any sites located adjacent to or upgradient that would indicate an environmental risk to the Subject Property.

4.3 Historical Use Records

Apex reviewed reasonably ascertainable records documenting the history of the use and/or ownership of the Subject Property and adjoining/surrounding properties. **Table 4-3** below summaries this historical use information.

TABLE 4-3: Historical Use Summary			
Period	**Historical Uses**		**Source**
	Subject Property	**Surrounding Properties**	
1938 – 1953	Vacant undeveloped agricultural land	Vacant undeveloped agricultural and residential uses. Railroad track present.	Aerial Photographs
1961	Vacant undeveloped agricultural land	Vacant undeveloped agricultural and residential uses. Railroad track present. Interstate 215-Escondido Freeway appears.	Aerial Photographs
1978	Star Milling/Grain Milling Operation	Vacant undeveloped agricultural and residential uses. Railroad and Interstate 215-Escondido Freeway to the east of the Subject Property. Commercial property appears to the east of the Interstate 215-Escondido Freeway, east of the Subject Property.	Aerial Photographs Topographic Maps
1985	Star Milling/Grain Milling Operation	Same as above. California Truss Company (lumber yard) present north of the Subject Property.	Topographic Maps Aerial Photographs
1989	Star Milling/Grain Milling Operation	Same as above. JM Eagle, Inc (plastic pipe manufacturer) present south of Subject Property.	Topographic Maps Aerial Photographs
1994	Star Milling/Grain Milling Operation	Same as above, commercial property appears to the east of the Interstate 215-Escondido Freeway, east of the Subject Property.	Topographic Maps Aerial Photographs City Directories Building Permit
2006 - 2019	Star Milling/Grain Milling Operation	Light industrial, commercial, residential (rural, agricultural), and vacant undeveloped land.	Topographic Maps Aerial Photographs City Directories Building Permit
2019 – Present	Vacant Land	Light industrial, commercial, residential (rural, agricultural), and vacant undeveloped land.	Aerial Photograph Site Reconnaissance

The Subject Property has been developed as a grain milling operation on the southeast portion of the since 1968 and remained undeveloped on the west and north portions. The former grain milling operation facilities that were recently demolished in the fall of 2019 are shown on **Figures 3 and 5**. These included one main building that operated as the mixing plant, office, warehouse, and drug (i.e. antibiotics added to animal feed) storage area, a loading dock on the east side of the warehouse, and a scale house to the south, one trailer office, one large grain silo, and several “additive” above ground storage tanks that held vegetable/canola oil, Alimet®, fish biproducts, animal fat, and “bakery”

(flour, dough, etc.) additives. North of the main building, connected through auger belts which transported the grain and corn, were four large grain silos with air venting systems to remove air from the silos, thereby reducing the potential for combustion. Railroad spurs were located north and south of the four large silos to unload shipped materials (i.e. corn) into the silos. A corn-only truck loading platform was located on the west side of the four large silos. West of the main building was a storage/vehicle shed and mobile home.

The Subject Property previously contained two 10,000-gallon diesel USTs that were removed on June 25, 1998. Impacted soil was noted to approximately 95-feet bgs (toluene); however, since groundwater is approximately 120-feet bgs., and since the area was capped with asphalt and/or concrete, the RCDEH issued a case closure without remediation.

4.3.1 Aerial Photographs

Digital aerial photographs dated 1938, 1949, 1953, 1961, 1967, 1974, 1978, 1985, 1989, 1990, 1994, 1997, 2006, 2009, 2012, and 2016 provided by EDR were reviewed by Apex. Copies of aerial photographs can be found in **Appendix F**.

4.3.2 Topographic Maps

EDR provided historic topographic maps with coverage of the Subject Property dated 1901, 1942, 1943, 1947, 1953, 1967, 1973, 1978, 1979, and 2012. Because they show many man-made features not evident in photographs, historical topographic maps are useful in documenting the history of developments and land use features on many properties, particularly those in rural, unincorporated areas. Copies of these maps are included in **Appendix G**.

4.3.3 City Directories

EDR provided historic city directories for the years 1971, 1977, 1982, 1987, 1992, 1995, 2000, 2005, 2010, and 2014. Historical city directories, listed by street address, are frequently useful in documenting the historical occupancy of properties in urban or otherwise incorporated areas that have a significant history of developed commercial use. A copy of the City Directories Results is included as **Appendix H**. Surrounding Rider Street property listings were also reviewed for historical dry cleaning, automotive, or trucking businesses. The only business of concern is the JM Eagle Manufacturing business located at 23711 Rider Street (south of the Subject Property), as it is a plastic pipe manufacturing business. A summary of the city directory listings is included in **Table 4-4** below.

TABLE 4-4: City Directory Listings Summary		
Street Address	**Listing Name**	**Years**
23840 Rider St. (Subject Property)	McAnally Egg Enterprises	1977
23840 Rider St. (Subject Property)	McAnally Egg Enterprises Inc	1982
23615 Rider St. (Southwest of Subject Property)	Hill, Douglas M	1992, 1995
23711 Rider St. (South of Subject Property)	Pacific Western Extruded Plas	1992, 1995
23711 Rider St. (South of Subject Property)	PW Eagle Inc	2000, 2005
23615 Rider St. (Southwest of Subject Property)	Williams, John P	2005
23711 Rider St. (South of Subject Property)	J-M Manufacturing Company Inc Pacific Western Extruded PW Eagle Inc	2010
23840 Rider St. (Subject Property)	McAnally Egg Enterprises Inc	2010
23842 Rider St. (Subject Property)	Occupant Unknown	2010, 2014
23840 Rider St. (Subject Property)	McAnally Enterprises Inc	2014
23711 Rider St. (South of Subject Property)	J-M Manufacturing Company Inc PW Eagle Inc	2014
23615 Rider St. (Southwest of Subject Property)	Eschrich, Charles H	2014

4.3.4 Fire Insurance Maps

EDR did not find any fire insurance maps associated with the Subject Property. The certified Sanborn results as included in **Appendix I**.

4.3.5 Building Permit Records

Building permit records can be used to identify structures and/or features of previous or current properties on the Subject Property and adjacent/surrounding properties. This information can be used to determine potential environmental concerns through the presence of USTs, sump pumps, septic tanks and connection dates to sewer, electrical, water, and natural gas. The complete collection of Building Permit data available to EDR was searched and seven building permits at the Subject Property, and 25 building permits for the property south of Rider Street and the Subject Property (JM Eagle) were identified. Both properties frequently requested high NPDES inspections. A copy of the building permits report can be found in **Appendix J,** and a summary of the listings are included in **Table 4-5** below.

TABLE 4-5: Building Permit Summary

Date	Address	Permit Description/Proposed Use	Contractor Name
5/2/2017	23711 Rider St	High NPDES I/C Inspection	JM Eagle
10/17/2016	23711 Rider St	High NPDES I/C Inspection	JM Eagle
4/14/2016	23711 Rider St	High NPDES I/C Inspection	JM Eagle
8/19/2014	23711 Rider St	High NPDES I/C Inspection	JM Eagle
8/16/2013	23711 Rider St	High NPDES I/C Inspection	JM Eagle
9/24/2012	23711 Rider St	High NPDES I/C Inspection	JM Manufacturing Co Inc
6/6/2011	23711 Rider St	High NPDES I/C Inspection	JM Manufacturing Co Inc
5/5/2010	23711 Rider St	High NPDES I/C Inspection	JM Manufacturing Co Inc
3/26/2009	23711 Rider St	Initial NPDES I/C Inspection	JM Manufacturing Co, Inc
3/17/2009	23711 Rider St	Initial NPDES I/C Inspection	Not provided
7/11/2007	23711 Rider St	Tenant Improvement	Allied Modular Building Systems
7/11/2000	23711 Rider St	Grading: Commercial/Industrial	Pacific Western Extruded Plastic
11/2/1998	23711 Rider St	Electrical Work Only	T R Young Electric
3/20/1996	23711 Rider St	Historical Permit (Overtime – 4 Inspection Hours)	Young Thomas
12/13/1994	23711 Rider St	Addition of 6 Silos	Beaubelle Robert
7/9/1992	23711 Rider St	Add Gas Line to Existing Commercial Building	Company Redlands Plumbing
6/25/1992	23711 Rider St	New Commercial (Storage Rack System/Warehouse)	Blair Ballard Architect
1/30/1992	23711 Rider St	Historical Permit (Temp Power)	Johnson Dwight Harold

TABLE 4-5: Building Permit Summary			
Date	**Address**	**Permit Description/Proposed Use**	**Contractor Name**
11/21/1991	23711 Rider St	Grading Inspection (Comm'l Lot)	Gilbreath Robert
11/21/1991	23711 Rider St	New Commercial (Warehouse)	Gilbreath Robert
7/11/1991	23711 Rider St	Commercial Addition to Silo	Gilbreath Robert
4/25/1988	23711 Rider St	Historical Permit (Temp Use of Perm Power)	Robertson Don Family Trust
12/28/1987	23711 Rider St	Historical Permit (Temp Const Trailer)	Graham Walter J
12/3/1987	23711 Rider St	Historical Permit (Temp Power Pole)	Graham Walter J
11/12/1987	23711 Rider St	Historical Permit (Mfg Bldg-PVC Pipe)	Graham Walter J
9/20/2016	23840 Rider St (Subject Property)	High NPDES I/C Inspection	Star Milling Co
4/14/2015	23840 Rider St (Subject Property)	High NPDES I/C Inspection	Star Milling Co
8/20/2014	23840 Rider St (Subject Property)	High NPDES I/C Inspection	Star Milling Co
11/19/2013	23840 Rider St (Subject Property)	High NPDES I/C Inspection	Mc Anally Enterprises LLC
11/12/2013	23840 Rider St (Subject Property)	Request for Records	Copp David
10/27/2009	23840 Rider St (Subject Property)	Initial NPDES I/C Inspection	McAnally Enterprises LLC
8/24/2004	23840 Rider St (Subject Property	Other Construction (Replace Dust Collector)	Schuster Scott

4.4 Record Review Findings

Apex reviewed the available environmental and historical records for the Subject Property according to ASTM E1527-13 Standards.

Based on historical information reviewed, the Subject Property was shown as vacant undeveloped agricultural land from 1938 to 1961. In the late 1960s the Subject Property developed as a grain milling operation and remained as a grain milling operation until July 2019 with Duke Realty bought the property. The buildings on the Subject Property were demolished in the fall of 2019.

The Subject Property was historically developed as a grain milling operation on the southeast portion from 1968 to 2019 while the west and north portions remained undeveloped. The former grain milling operation facilities that were recently demolished in the fall of 2019 are shown on **Figure 3**. These

included one main building that operated as the mixing plant, office, warehouse, and drug (i.e. antibiotics added to animal feed) storage area, a loading dock on the east side of the warehouse, and a scale house to the south, one trailer office, one large grain silo, and several "additive" above ground storage tanks that held vegetable/canola oil, Alimet®, fish biproducts, animal fat, and "bakery" (flour, dough, etc.) additives. North of the main building, connected through auger belts which transported the grain and corn, were four large grain silos with air venting systems to remove air from the silos, thereby reducing the potential for combustion. Railroad spurs were located north and south of the four large silos to unload shipped materials (i.e. corn) into the silos. A corn-only truck loading platform was located on the west side of the four large silos. West of the main building was a storage/vehicle shed and mobile home.

The Subject Property previously contained two 10,000-gallon diesel USTs that were removed June 25, 1998. Impacted soil was noted to approximately 95-feet bgs (toluene); however, since groundwater is approximately 120-feet bgs., and since the area was capped with asphalt and/or concrete, the RCDEH issued a case closure without remediation.

The Subject Property appeared in 13 databases in the EDR report and is a closed, former diesel UST case with documented soil impacts under oversight of the RCDEH. A Phase I ESA was conducted by Apex in February 2019 which recommended a Phase II ESA (Apex 2019a). The Phase II ESA was completed in June 2019 and did not find any contamination above screening levels for commercial development (Apex 2019b). As a result, Apex does not consider the listings in the EDR databases and the former investigation results a REC.

5.0 SITE RECONNAISSANCE

The Subject Property was inspected on November 26, 2019 by Apex representative, Paisha Jorgensen, a qualified environmental professional. Weather conditions at the time of the inspection were clear, with a temperature of approximately 70-degrees Fahrenheit. Site reconnaissance consisted of a walk-through of the Subject Property. Detailed information on the Site Reconnaissance can be found in **Appendix A** which contains photographs taken during the site walk and the field form used with detailed information on what was seen on the Subject Property. This section summarizes significant findings observed during the site inspection of the Subject Property.

5.1 Hazardous Substances and Petroleum Products

Apex did not find any evidence of petroleum products currently on the Subject Property.

5.2 Waste Generation, Storage, and Disposal

The Subject Property is not currently in use and is vacant. The remaining items from demolition activities observed include a pile of crushed concrete (approximately 300 cubic yards), three piles of packaged railroad spurs, a covered roll-off bin filled with demolition waste, and one Caterpillar Loader. All these items are waiting to be hauled off the Subject Properly. Apex did not find storage of regulated waste or biomedical waste.

5.3 Underground Storage Tanks & Aboveground Storage Tanks

Apex did not find any evidence of existing USTs or ASTs on the Subject Property.

5.4 Polychlorinated Biphenyls (PCBs) and Oil-Containing Equipment

Polychlorinated biphenyls (PCBs) are known to be a component in fluids used in electrical and hydraulic equipment, lubricating oils, paints and coatings manufactured prior to 1979. In the event of a leak or release of fluid or oil-containing equipment, the owner is responsible for remediation. No evidence of PCB releases or leaks were observed during the Site visit.

5.5 Other Observations

Apex did not find evidence of unusual odors, drums, wells, existing septic systems, stressed vegetation, pits, ponds, or lagoons on the Subject Property. Apex notes that the Subject Property was graded vacant land on the north and west portions of the Site.

5.6 Findings from the Site Reconnaissance

Apex did not find anything that would be considered a REC in association with the Subject Property.

6.0 INTERVIEWS

The Apex did not conduct any interviews for this Phase I ESA.

Below is an interview conducted during the previous Phase I ESA (Apex 2019a):

"*The Apex employee was accompanied by Mr. Paul Cramer, Star Milling Company's Director of Sales, and Mr. Alan Deszcz, the Re/Max real estate agent. Mr. Cramer walked the Apex employee through the grain milling operation. Railroad cars offloaded materials (i.e. corn) onto a belt system (augers) that transported the materials into the four large silos. Venting systems attached to each silo removed all air from the silos to minimize the potential of combustion, which can happen from grain dust. Through a belt system (augers), grain or grain/corn mix would be transported to the mixing plant, where additives would be mixed into the final product. Additives include Alimet®, antibiotics, vegetable/canola oil, animal fat, fish byproducts, and "bakery" (i.e. flour, dough, etc.). Once mixed, the final product would either be bagged or loaded into trucks waiting on the scale. For consumers purchasing corn-only feed, a separate truck feeder was located on the west side of the four large silos. The storage shed located on the west portion of the Subject Property was used for vehicle and machine storage and maintenance. Two 10,000-gallon diesel tanks and a dispenser were located on the south portion of the Subject Property and were removed June 25, 1998.*

While the operation is currently not in use, two of the large silos had side paneling removed, with one having enough panels removed to no longer be considered a confined space to enter. Additionally, since the operation is not currently in use, a complete inspection of the warehouse/mixing plant was not completed, as biological hazards existed (black widow spiders were observed). A portion of the storage shed and mobile home were also not inspected, as it is currently occupied by a tenant monitoring the property (caretaker). Furthermore, the Subject Property is maintained along the perimeter with a form of rodent bait.

While inspecting the north portion of the Subject Property (the undeveloped field), Mr. Cramer communicated that the soil mound present was from excavated material placed there during the Harvill Avenue road construction. Also communicated by Mr. Cramer, the Colorado River Aqueduct runs east-west approximately 120' bgs beneath the north portion of the Subject Property."

7.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM E1527-13

According to the ASTM E1527-13 Standards, Duke may conduct additional investigations to assess the in connection with the commercial real estate. Apex did not conduct any other additional assessments on the Subject Property that are outside the scope of ASTM E1527-13 Standards.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Apex performed this Phase I ESA in accordance with the U.S. Environmental Protection Agency's 40 CFR, Part 312 Standards and Practices for All Appropriate Inquiries (AAI) and ATSM E1527-13: "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" and the work order from Duke to Apex. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report.

This assessment has revealed no evidence of RECs in connection with the Subject Property.

Based on historical information reviewed, the Subject Property was shown as vacant undeveloped agricultural land from 1938 to 1961. In the late 1960s the Subject Property developed as a grain milling operation and remained as a grain milling operation until July 2019 when Duke Realty bought the property. The buildings on the Subject Property were demolished in the fall of 2019.

The Subject Property was historically developed as a grain milling operation on the southeast portion from 1968 to 2019 while the west and north portions remained undeveloped. The former grain milling operation facilities that were recently demolished in the fall of 2019 are shown on **Figure 3**. These included one main building that operated as the mixing plant, office, warehouse, and drug (i.e. antibiotics added to animal feed) storage area, a loading dock on the east side of the warehouse, and a scale house to the south, one trailer office, one large grain silo, and several "additive" above ground storage tanks that held vegetable/canola oil, Alimet®, fish biproducts, animal fat, and "bakery" (flour, dough, etc.) additives. North of the main building, connected through auger belts which transported the grain and corn, were four large grain silos with air venting systems to remove air from the silos, thereby reducing the potential for combustion. Railroad spurs were located north and south of the four large silos to unload shipped materials (i.e. corn) into the silos. A corn-only truck loading platform was located on the west side of the four large silos. West of the main building was a storage/vehicle shed and mobile home.

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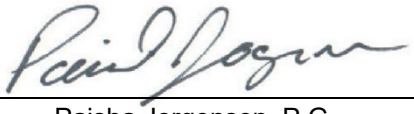
9.0 ENVIRONMENTAL PROFESSIONALS

9.1 Signatures of Responsible Environmental Professionals

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR Part 312, and 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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Katelyn Lazar
Scientist



Paisha Jorgensen. P.G.
Principal Geologist

9.2 Qualifications of Responsible Environmental Professionals

Ms. Lazar has a Bachelor of Science in Biology and a Master of Science in Water Management and Hydrological Sciences. She is a member of the field support team providing comprehensive environmental site assessment and investigation. Ms. Lazar has been performing environmental site assessment services for five years and is an environmental professional as defined in § 312.10 of 40 CFR Part 312.

Mr. Jorgensen has a Bachelor of Science Degree in Geological Sciences and has over 18 years of professional experience in the environmental consulting field. Mr. Jorgensen is an environmental professional as defined in § 312.10 of 40 CFR Part 312.

10.0 REFERENCES

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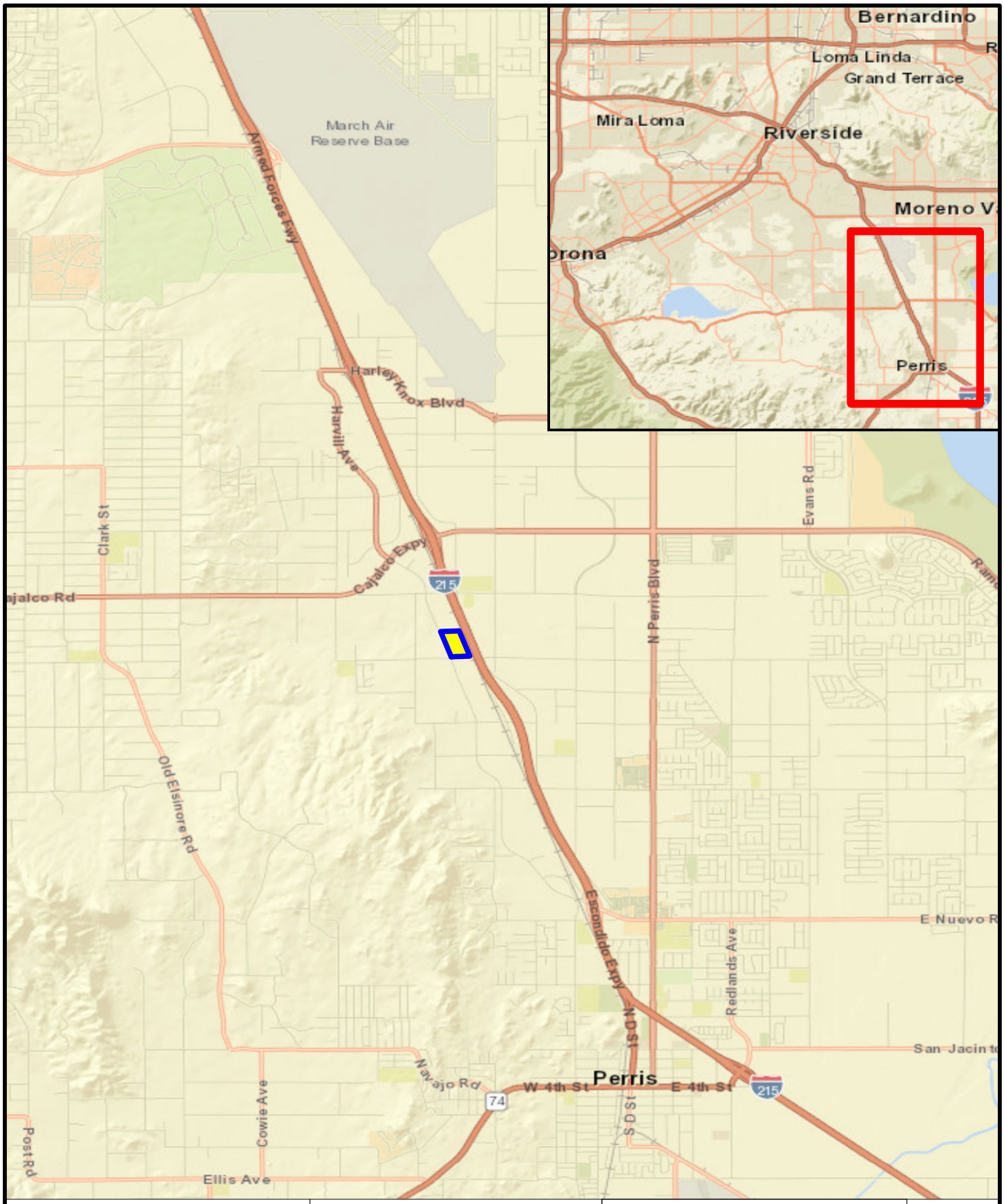
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RCDEH. 2000a. Case closure summary: leaking underground fuel storage tank program Site no. 9915151. Hazardous Materials Management Division. Riverside County Department of Environmental Health. Available at: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9853986442/Closure%20Summary.pdf

RCDEH. 2000b. No further action letter: underground storage tank cleanup at McAnally Enterprise located at 23480 Rider St. in Perris, CA. Site #: 99-15151. Hazardous Materials Management Division. Riverside County Department of Environmental Health. August 4. Available at: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9853986442/Closure%20Letter.pdf

United States Department of Agriculture (USDA) – Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS). http://websoilsurvey.nrcs.usda.gov/app/

FIGURES



APEX
3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

SUBJECT PROPERTY
23840 RIDER STREET
PERRIS, CA

PROJECT NO.	DATE	DR. BY	APP. BY
093-DUKE-015.2	12/13/2019	KL	PG

SITE LOCATION MAP

0 0.25 0.5 1 1.5 2 Miles

N W E S

FIGURE 1

Provided by:
PARCELQUEST.COM

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCEL MAY NOT COMPLY WITH LOCAL LOT-SPLIT OR BUILDING SITE ORDINANCES.

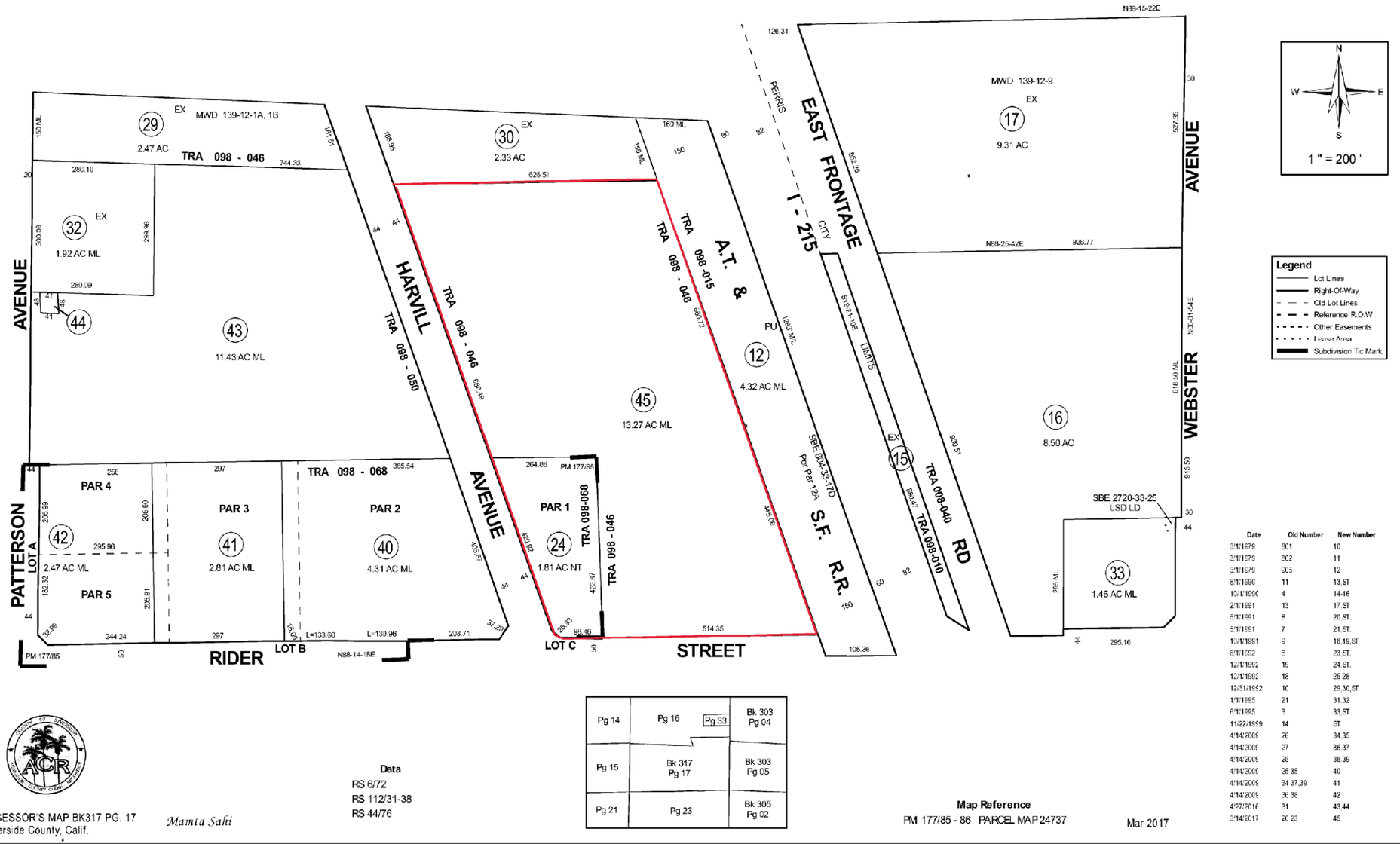
SEC. 12, T.4S, R.4W

CITY OF PERRIS

TRA 008-040, 098-010, 098-015, TRA 098-046, 098-050, 098-068

317-17

16-24



Legend

- Lot Lines
- Right-Of-Way
- Old Lot Lines
- Reference R.O.W
- Other Easements
- Leased Area
- Subdivision Tic Mark

Date	Old Number	New Number
3/1/1978	BC1	10
3/1/1978	BC2	11
3/1/1979	BC3	12
8/1/1990	11	13,ST
10/1/1990	4	14-16
2/1/1991	13	17,ST
5/1/1991	6	20,ST.
5/1/1991	7	21,ST.
10/1/1991	9	18,19,ST
8/1/1992	8	23,ST.
12/1/1992	19	24,ST.
12/1/1992	18	25-28
12/31/1992	10	29,30,ST
1/1/1995	21	31,32
6/1/1995	3	33,ST
11/22/1999	14	ST
4/14/2008	26	34,35
4/14/2008	27	36,37
4/14/2008	28	38,39
4/14/2008	25,35	40
4/14/2008	34,37,39	41
4/14/2008	36,38	42
4/27/2016	31	43,44
3/14/2017	20,22	45

ASSESSOR'S MAP BK317 PG. 17
Riverside County, Calif.

Mamta Sahi

Data
RS 6/72
RS 112/31-38
RS 44/76

Pg 14	Pg 16 Pg 33		Bk 303 Pg 04
Pg 15	Bk 317 Pg 17		Bk 303 Pg 05
Pg 21	Pg 23		Bk 305 Pg 02

Map Reference
PM 177/85 - 86 PARCEL MAP 24737

Mar 2017

LEGEND

Subject Property

Disclaimer: These maps belong to the Office of the Assessor, Riverside County and is being furninshed as an aid in locating the Subject Property. This map is used for assessment purposes only and is not a land survey of area depicted.

SUBJECT PROPERTY
23840 RIDER STREET
PERRIS, CALIFONIA

PROJECT NO.	DATE	DR. BY	APP. BY
093-DUKE-015.2	12/3/2019	KL	PJ

RIVERSIDE COUNTY ASSESSOR'S PARCEL MAP

APEX
3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

N W E S

FIGURE 2



APEX
3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

SUBJECT PROPERTY
23840 RIDER STREET
PERRIS, CA

PROJECT NO.	DATE	DR. BY	APP. BY
093-DUKE-015	12/13/2019	KL	PG

HISTORICAL SITE MAP WITH FORMER BUILDINGS

N W E S

0 75 150 300 Feet

FIGURE 3



APEX
3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

SUBJECT PROPERTY
23840 RIDER STREET
PERRIS, CA

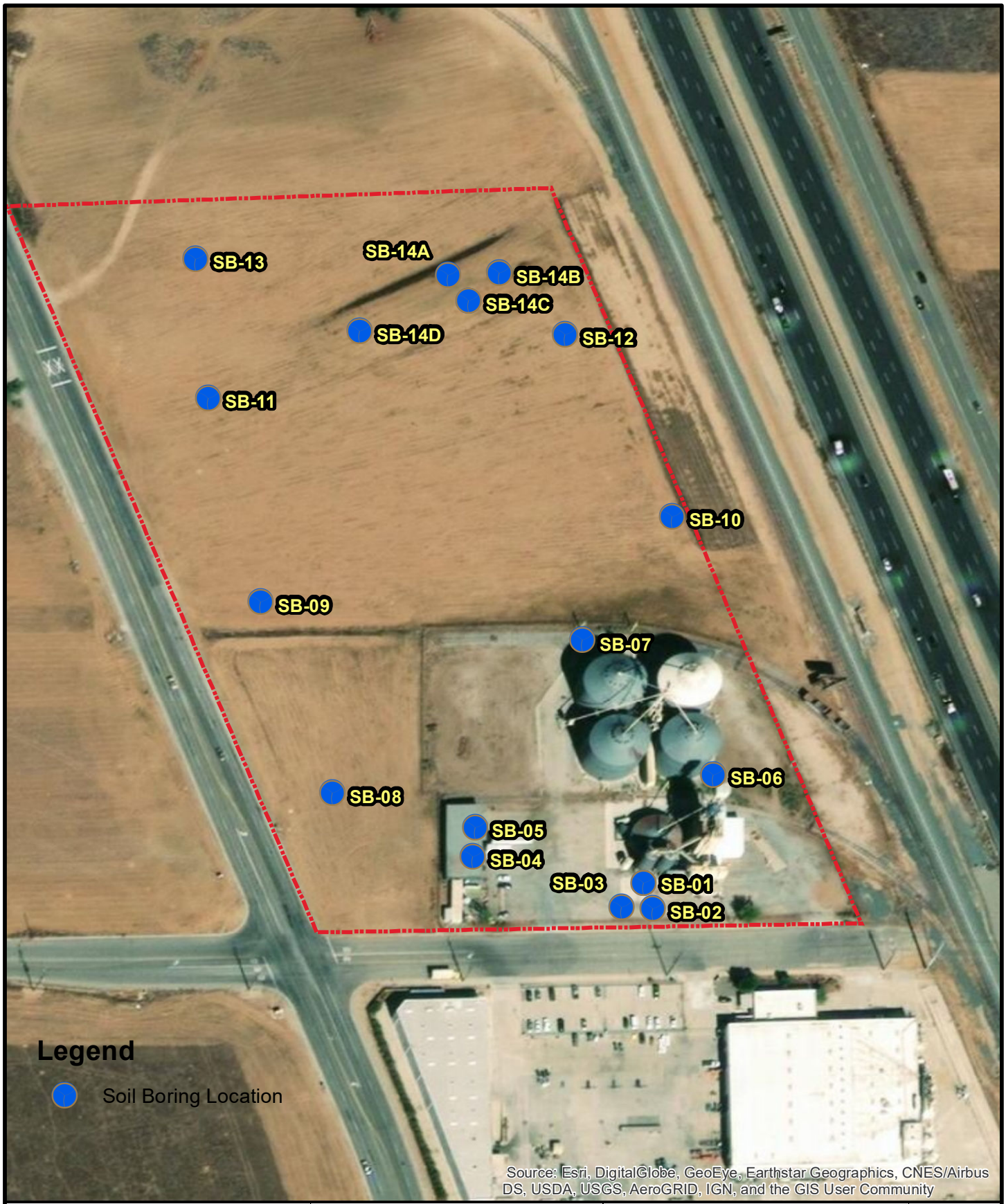
PROJECT NO.	DATE	DR. BY	APP. BY
093-DUKE-015.2	12/13/2019	KL	PG

ADJOINING AND SURROUNDING PROPERTIES MAP

0 250 500 1,000 Feet

N W E S

FIGURE 4



APEX
3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

SUBJECT PROPERTY
23840 RIDER STREET
PERRIS, CA

PROJECT NO.	DATE	DR. BY	APP. BY
093-DUKE-015	12/13/2019	KL	PG

APEX 2019 PHASE II ESA SOIL BORING LOCATION MAP

0 75 150 300 Feet

N W E S

FIGURE 5

APPENDIX A

SITE RECONNAISSANCE PHOTOGRAPHS AND FIELD FORM

PHASE I ENVIRONMENTAL ASSESSMENT
Site Reconnaissance Form

Site Name:	Rider Street	**Site Address:**	23840 Rider St
Date:	Wednesday, October 30, 2019		Perris, CA
Business Name:		**Business Address:**	
Personnel:	**Paisha Jorgensen**		

Objective of the Reconnaissance:
The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the property.

Exterior Observations

Current Site Uses of Property: Vacant

Past Uses of the Property: Grain Mill

General Description of Structures:

Number of Buildings/Stories: [ ] [0] Description:

Approximate Age of Buildings: [ ] [ ] Description:

Ancillary Structures: [ ] [N] Description:

Unoccupied Occupant Spaces? [ ] [N] Description:

Above ground storage tanks: [ ] [N] Content:
Capacity: Age:

Underground storage tanks: [ ] [N] Content:
Capacity: Age:

Vent pipes or fill pipes: [ ] [N] Description:

Odors: [ ] [N] Description:

Exterior Observations:

Pools of Liquid: [ ] [N] Description:

Drums: [ ] [N] Content:
Leaking: [ ] [N]

5-gallon Buckets: [ ] [N] Content:
Leaking: [Y] [N]

Unidentified Substance Containers: [Y] [N] Description: Roll-off bin labeled as asbestos
Leaking: [ ] [N]

PHASE I ENVIRONMENTAL ASSESSMENT
Site Reconnaissance Form

Site Name:	Rider Street	**Site Address:**	23840 Rider St
Date:	Wednesday, October 30, 2019		Perris, CA
Business Name:		**Business Address:**	
Personnel:	**Paisha Jorgensen**		

PCBs in Lighting or Hydraulic Equipment: [ ] [N] Description:

Pits, Pools, or Lagoons: [ ] [N] Description:

Stained Soil or Pavement: [ ] [N] Description:

Stresses Vegetation: [ ] [N] Description:

Solid Waste Disposal: [ ] [N] Description:

Waste Water (e.g. drains, ditches, streams): [ ] [N] Description:

y wells, irrigation wells, injection wells, abandoned wells) [ ] [N] Description:

Septic Systems: [ ] [N] Description:

Roads:

Names of adjoining roads: Harvill Ave

Location of adjoining roads: West

Roads or paths with no apparent outlet: [ ] [N] Description:

Parking facilities on the property: [ ] [N] Description:

Additional observations:
Southeastern portion of Site is surrounded by fencing. Former grain mill was recently demolished. A pile of crushed concrete (approx. 300 cubic yards), three piles of packaged railroad spurs, a covered roll-off bin filled with demolition waste, and one Caterpillar Loader are present within fenced area.

Utilities:

Potable Water Supply Source: Unknown

Sewage Disposal System: Unknown

Approximate Age of Sewage Disposal System: Unknown

Additional observations:

PHASE I ENVIRONMENTAL ASSESSMENT
Site Reconnaissance Form

Site Name:	Rider Street	**Site Address:**	23840 Rider St
Date:	Wednesday, October 30, 2019		Perris, CA
Business Name:		**Business Address:**	
Personnel:	**Paisha Jorgensen**		

Interior Observations:

Heating/Cooling System: Not Applicable

Stains or Corrosion: Not Applicable

Drains or Sumps: Not Applicable

Maintenance, repair, or boiler rooms present: [ ] [N] Description:

Unoccupied Occupant Spaces: [ ] [N] Description:

Odors: [ ] [N] Description:

Pools of Liquid: [ ] [N] Description:

Drums: _____ Content:
Leaking: [Y] [N]

5-gallon Buckets: _____ Content:
Leaking: [Y] [N]

Unidentified Substance Containers: _____ Description:
Leaking: [Y] [N]

PCBs in Lighting or Hydraulic Equipment: [ ] [N] Description:

Additional observations:

PHASE I ENVIRONMENTAL ASSESSMENT
Site Reconnaissance Form

Site Name:	Rider Street	**Site Address:**	23840 Rider St
Date:	Wednesday, October 30, 2019		Perris, CA
Business Name:		**Business Address:**	
Personnel:	**Paisha Jorgensen**		

Adjoining Property Observations:

Current Uses of Adjoining Property: North - vacant land
West - Harvill Ave followed by vacant land
East - Railroad ROW followed by freeway
South - Rider Street followed by JM Eagle manufacturing plant

Past Uses of Adjoining Property: Unknown based on site visit

Pits, Pools, or Lagoons: [ ] [N] Description:

Waste Water (e.g. drains, ditches, streams): [ ] [N] Description:

Additional observations:

Surrounding Area Observations:

General Use of Surrounding Area (e.g. residential, commercial, industrial):
Immediate area is vacant and industrial/commercial.

Additional observations:

Geologic, Hyrogeologic, and Topographical Conditions:

Visual and/or physical observations:
Subject Property is flat. Surround properties in area are prdominantly vacant land.
No evidence of natural streams in area.

Client Name: Duke Realty **Photo Date:** November 26, 2019

Project: 23840 Rider Street, Perris, California



Photograph 1: *View of eastern boarder Subject Property looking north.*



Photograph 2: *View of southern portion of Subject Property looking west. Crushed concrete pile and waste bin visible*

Client Name: Duke Realty **Photo Date:** November 26, 2019

Project: 23840 Rider Street, Perris, California



Photograph 3: *View of Subject Property looking north.*



Photograph 4: *View of Subject Property looking north with loader and railroad ties visible.*

Client Name: Duke Realty **Photo Date:** November 26, 2019

Project: 23840 Rider Street, Perris, California



Photograph 5: *View of western portion of Subject Property looking north.*



Photograph 6: *View of northern portion of Subject Property looking east.*

APPENDIX B

USER QUESTIONNAIRE

APEX

PHASE I ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Property Location: 23840 Rider St, Perris, CA
Project Number: 093-DUKE-015.2

(Please circle your answer and explain any yes answers in the space provided below each question. Please also provide copies of any supporting information, permits, or reports if possible.)

To the best of your knowledge:

	Owner / Site Manager
1) Was the property used for industrial purposes in the past?	Yes (No) Unknown
2) Was the property used as gas station, for motor repair, printing, plating, dry cleaning, laboratory, junkyard, landfill, recycling, or waste treatment? If yes, have there been any unauthorized release(s) of chemicals associated with such past use?	Yes (No) Unknown
3) Are there or have there been any discarded automobiles, batteries, pesticides, paints, or other chemicals over 5 gallons on the property?	Yes No (Unknown)
4) Are there or were there any industrial 55-gallon drums or sacks of chemicals at facility in the past?	Yes No (Unknown)
5) Has fill dirt been brought in?	Yes No (Unknown)
6) Are there or have there been pits, ponds, or lagoons used for waste treatment?	Yes No (Unknown)
7) Are there or have there been any above or below ground storage tanks?	(Yes) No Unknown
8) Is there a well on the property? If yes, do you have test results?	Yes No (Unknown)
9) Do you have knowledge of environmental liens, or governmental notifications relating to past or recurring violations of environmental laws with respect to the property?	Yes (No) Unknown
10) Have you been informed of the current or past existence of hazardous substances or petroleum products with respect to the property?	(Yes) No Unknown

APEX

11) Have you been informed of the current or past existence of environmental violations with respect to the property? Yes (No) Unknown

12) Have you been informed of any environmental assessments of the property indicating the presence of hazardous substances or petroleum products? (Yes) No Unknown

13) Do you know of any past threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance involving the property? Yes (No) Unknown

14) Does or has the property discharge waste water (not including sanitary or storm sewer) onto or adjacent to the property? Yes No (Unknown)

15) Do you have knowledge that any hazardous substance or petroleum product, unidentified waste, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade on the property? Yes (No) Unknown

16) Is there a transformer, capacitor, or hydraulic equipment for which there are any records indicating the presence of PCBs? Yes No (Unknown)

17) Are there lead- or asbestos-containing materials on the property? Yes No (Unknown)

The Owner/Site Manager questionnaire was completed by: and verbally reviewed by Mike Weber of Duke Realty

Name: Paisha Jorgensen Phone: 570 847-9217

Title: Principal Geologist Date: 11/27/18

Firm: Apex Companies, LLC

Relationship to site: Environmental Consultant to Duke Realty

Address: 3478 Buskirk Ave, Ste 100, Pleasant Hill, CA

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct, and no material facts have been suppressed or miss-stated.

Owner Signature: _____ Date: _____

Consultant Signature: [signature] Date: 11/27/18

APPENDIX C

ENVIRONMENTAL DATA RESOURCES REPORT

Rider & Harvill Site
NEC of Rider St and Harvill Ave
Perris, CA 92570

Inquiry Number: 5884780.2s
November 26, 2019

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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Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	110
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-13
Physical Setting Source Map Findings	A-15
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NEC OF RIDER ST AND HARVILL AVE
PERRIS, CA 92570

COORDINATES

Latitude (North):	33.8319630 - 33° 49' 55.06''
Longitude (West):	117.2483200 - 117° 14' 53.95''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	477022.6
UTM Y (Meters):	3743358.5
Elevation:	1510 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641330 PERRIS, CA
Version Date:	2012
West Map:	5641324 STEELE PEAK, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
NEC OF RIDER ST AND HARVILL AVE
PERRIS, CA 92570

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	STAR MILLING CO	23840 RIDER ST	HAZNET	Lower	1 ft.
A2	MCANNALLY ENTERPRISE	23840 RIDER ST	HAZNET	Lower	1 ft.
A3	MCANALLY ENTERPRISES	23840 RIDER ST	NPDES, WDS, CIWQS, CERS	Lower	1 ft.
A4	STAR MILLING CO	23840 RIDER ST	RCRA NonGen / NLR	Lower	1 ft.
A5	MCANNALLY ENTERPRISE	23840 RIDER ST	HAZNET	Lower	1 ft.
A6	STAR MILLING CO	23840 RIDER STREET	FINDS, ECHO	Lower	1 ft.
A7	P W EAGLE INC DBA P	23711 RIDER ST	RCRA-SQG	Lower	96, 0.018, SSE
A8	PAC WSTRN EXTRUDED P	23711 RIDER ST	CERS HAZ WASTE, EMI, NPDES, WDS, CIWQS, CERS	Lower	96, 0.018, SSE
9	A-AERIAL SREVICE CO	3462 WEBSTER AVE	RCRA NonGen / NLR	Lower	975, 0.185, NNE
B10	RITCHIE BROS AUCTION	765 W RIDER ST	CERS HAZ WASTE, HAZNET, CERS	Lower	1122, 0.213, ESE
B11	ARROWHEAD RITCHIE BR	765 W RIDER ST	RCRA-SQG	Lower	1122, 0.213, ESE
B12	RITCHIE BROS AUCTION	765 W RIDER ST	RCRA NonGen / NLR	Lower	1122, 0.213, ESE
13	VAL VERDE CONTINUATI	NEVADA AVENUE/MORGAN	ENVIROSTOR, SCH	Lower	1562, 0.296, North
C14	MCANALLY ENTERPRISES	23480 RIDER ST	LUST, CERS	Higher	1710, 0.324, WSW
C15	MCANALLY ENTERPRISES	23480 RIDER ST	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Higher	1710, 0.324, WSW
16	ECOLOGY RECYCLING SE	23332 CAJALCO ROAD	SWRCY, NPDES, CIWQS, CERS	Higher	2328, 0.441, NW
17	ALPHA RESINS	19991 SEATON AVE	CORRACTS, RCRA-TSDF, RCRA-LQG, ENVIROSTOR, HIST...	Higher	3712, 0.703, West
18	VAL VERDE ELEMENTARY	2656 INDIAN AVENUE	ENVIROSTOR, SCH	Lower	5151, 0.976, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST Leaking Underground Storage Tanks on Indian Land
CPS-SLIC Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST Underground Storage Tank Listing
UST Active UST Facilities
AST Aboveground Petroleum Storage Tank Facilities
INDIAN UST Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP Voluntary Cleanup Program Properties
INDIAN VCP Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT Waste Management Unit Database
HAULERS Registered Waste Tire Haulers Listing
INDIAN ODI Report on the Status of Open Dumps on Indian Lands
ODI Open Dump Inventory
DEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register
HIST Cal-Sites Historical Calsites Database
SCH School Property Evaluation Program
CDL Clandestine Drug Labs
Toxic Pits Toxic Pits Cleanup Act Sites
US CDL National Clandestine Laboratory Register
PFAS PFAS Contamination Site Location Listing

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

SWEEPS UST	SWEEPS UST Listing
HIST UST	Hazardous Substance Storage Container Database
CA FID UST	Facility Inventory Database
CERS TANKS	California Environmental Reporting System (CERS) Tanks

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
DOCKET HWC - Hazardous Waste Compliance Docket Listing
UXO - Unexploded Ordnance Sites
FUELS PROGRAM - EPA Fuels Program Registered Listing
CA BOND EXP. PLAN - Bond Expenditure Plan
Cortese - "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings - CUPA Resources List
DRYCLEANERS - Cleaner Facilities
EMI - Emissions Inventory Data
ENF - Enforcement Action Listing
Financial Assurance - Financial Assurance Information Listing
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
Notify 65 - Proposition 65 Records
UIC - UIC Listing
UIC GEO - UIC GEO (GEOTRACKER)
WASTEWATER PITS - Oil Wastewater Pits Listing
WIP - Well Investigation Program Case List
MILITARY PRIV SITES - MILITARY PRIV SITES (GEOTRACKER)
PROJECT - PROJECT (GEOTRACKER)
WDR - Waste Discharge Requirements Listing
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

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP - EDR Proprietary Manufactured Gas Plants
EDR Hist Auto - EDR Exclusive Historical Auto Stations
EDR Hist Cleaner - EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF - Recovered Government Archive Solid Waste Facilities List
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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

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 06/24/2019 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALPHA RESINS EPA ID:: CAD059270975	***19991 SEATON AVE***	***W 1/2 - 1 (0.703 mi.)***	***17***	***67***

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/24/2019 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
P W EAGLE INC DBA P EPA ID:: CAR000083436	23711 RIDER ST	SSE 0 - 1/8 (0.018 mi.)	A7	20
ARROWHEAD RITCHIE BR EPA ID:: CAR000129155	765 W RIDER ST	ESE 1/8 - 1/4 (0.213 mi.)	B11	47

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/29/2019 has revealed that there are 3 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALPHA RESINS	***19991 SEATON AVE***	***W 1/2 - 1 (0.703 mi.)***	***17***	***67***
Status: Active Facility Id: 80001432				

Lower Elevation	Address	Direction / Distance	Map ID	Page
VAL VERDE CONTINUATI	***NEVADA AVENUE/MORGAN***	***N 1/4 - 1/2 (0.296 mi.)***	***13***	***51***
Status: No Further Action Facility Id: 33010050				
VAL VERDE ELEMENTARY	***2656 INDIAN AVENUE***	***SE 1/2 - 1 (0.976 mi.)***	***18***	***106***
Status: No Action Required Facility Id: 33820012				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCANALLY ENTERPRISES	***23480 RIDER ST***	***WSW 1/4 - 1/2 (0.324 mi.)***	***C14***	***54***
Database: LUST, Date of Government Version: 09/09/2019 Database: RIVERSIDE CO. LUST, Date of Government Version: 07/10/2019 Status: Completed - Case Closed Facility Id: 9915151 Global Id: T0606500587 Facility Status: 9				
MCANALLY ENTERPRISES	***23480 RIDER ST***	***WSW 1/4 - 1/2 (0.324 mi.)***	***C15***	***56***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0606500587				

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 09/09/2019 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
ECOLOGY RECYCLING SE	***23332 CAJALCO ROAD***	***NW 1/4 - 1/2 (0.441 mi.)***	***16***	***59***

EXECUTIVE SUMMARY

Cert Id: RC262180.001

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 08/14/2019 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PAC WSTRN EXTRUDED P	***23711 RIDER ST***	***SSE 0 - 1/8 (0.018 mi.)***	***A8***	***21***
RITCHIE BROS AUCTION	***765 W RIDER ST***	***ESE 1/8 - 1/4 (0.213 mi.)***	***B10***	***38***

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 06/24/2019 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STAR MILLING CO EPA ID:: CAL000392566	23840 RIDER ST	0 - 1/8 (0.000 mi.)	A4	17
A-AERIAL SREVICE CO EPA ID:: CAL000381318	3462 WEBSTER AVE	NNE 1/8 - 1/4 (0.185 mi.)	9	37
RITCHIE BROS AUCTION EPA ID:: CAL000275327	765 W RIDER ST	ESE 1/8 - 1/4 (0.213 mi.)	B12	50

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 05/03/2019 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STAR MILLING CO	***23840 RIDER STREET***	***0 - 1/8 (0.000 mi.)***	***A6***	***19***

EXECUTIVE SUMMARY

Registry ID:: 110070093292

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 07/06/2019 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STAR MILLING CO Registry ID: 110070093292	***23840 RIDER STREET***	***0 - 1/8 (0.000 mi.)***	***A6***	***19***

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2017 has revealed that there are 3 HAZNET sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
STAR MILLING CO GEPAID: CAL000392566	23840 RIDER ST	0 - 1/8 (0.000 mi.)	A1	8
MCANNALLY ENTERPRISE GEPAID: CAL000385161	23840 RIDER ST	0 - 1/8 (0.000 mi.)	A2	8
MCANNALLY ENTERPRISE GEPAID: CAC001396112	23840 RIDER ST	0 - 1/8 (0.000 mi.)	A5	19

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCANALLY ENTERPRISES Reg Id: 083303464T	***23480 RIDER ST***	***WSW 1/4 - 1/2 (0.324 mi.)***	***C15***	***56***

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 08/19/2019 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALPHA RESINS	***19991 SEATON AVE***	***W 1/2 - 1 (0.703 mi.)***	***17***	***67***
EPA Id: CAD059270975				
Cleanup Status: CLOSED				

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 08/12/2019 has revealed that there is 1 NPDES site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCANALLY ENTERPRISES	***23840 RIDER ST***	***0 - 1/8 (0.000 mi.)***	***A3***	***9***
Facility Status: Active				

WDS: California Water Resources Control Board - Waste Discharge System.

A review of the WDS list, as provided by EDR, and dated 06/19/2007 has revealed that there is 1 WDS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCANALLY ENTERPRISES	***23840 RIDER ST***	***0 - 1/8 (0.000 mi.)***	***A3***	***9***
Facility Status: A				
Facility Id: 8 33I009929				

CIWQS: 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.

A review of the CIWQS list, as provided by EDR, and dated 09/03/2019 has revealed that there is 1 CIWQS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCANALLY ENTERPRISES	***23840 RIDER ST***	***0 - 1/8 (0.000 mi.)***	***A3***	***9***

CERS: 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

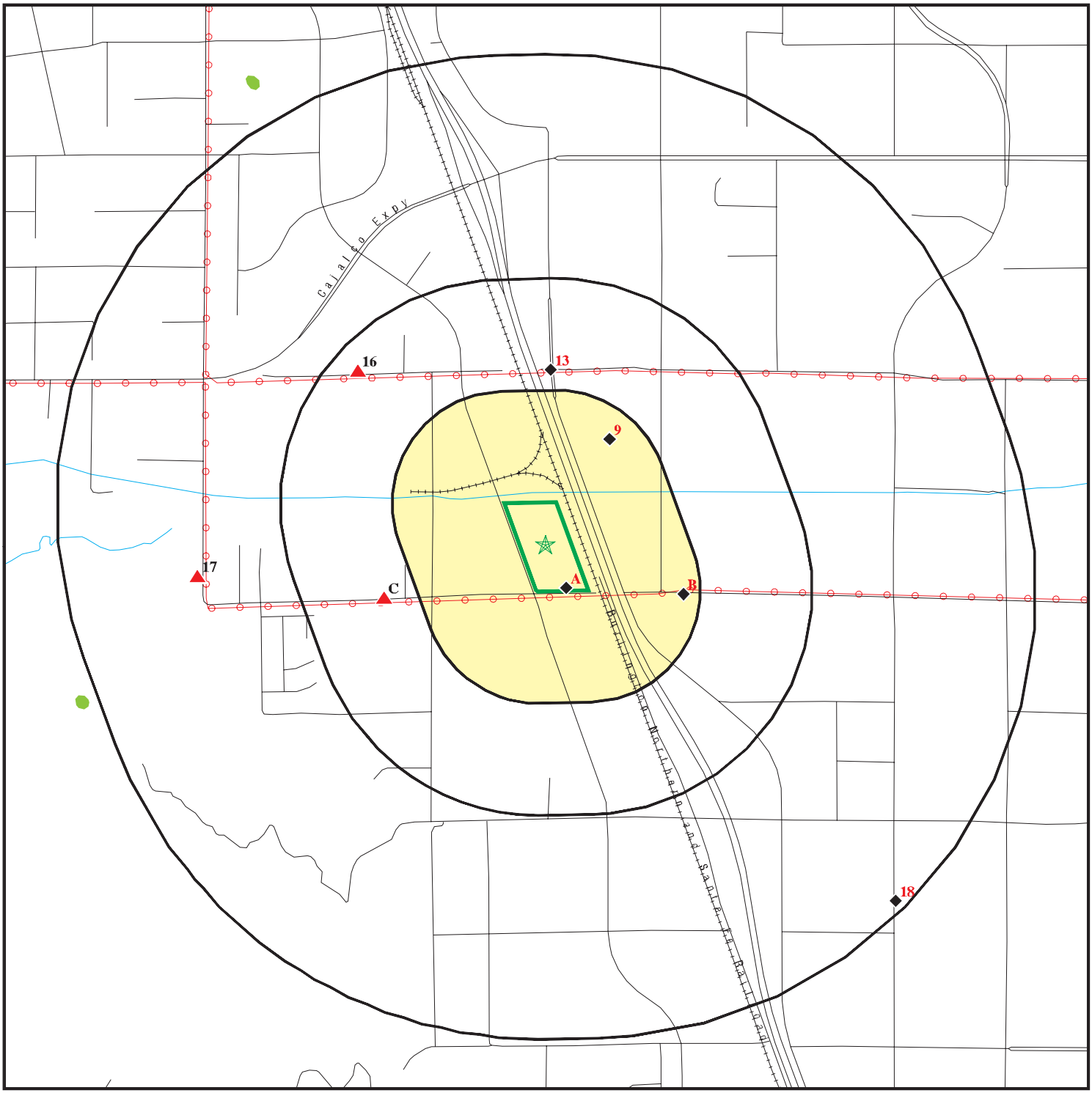
A review of the CERS list, as provided by EDR, and dated 08/14/2019 has revealed that there is 1 CERS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MCANALLY ENTERPRISES	***23840 RIDER ST***	***0 - 1/8 (0.000 mi.)***	***A3***	***9***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5884780.2S



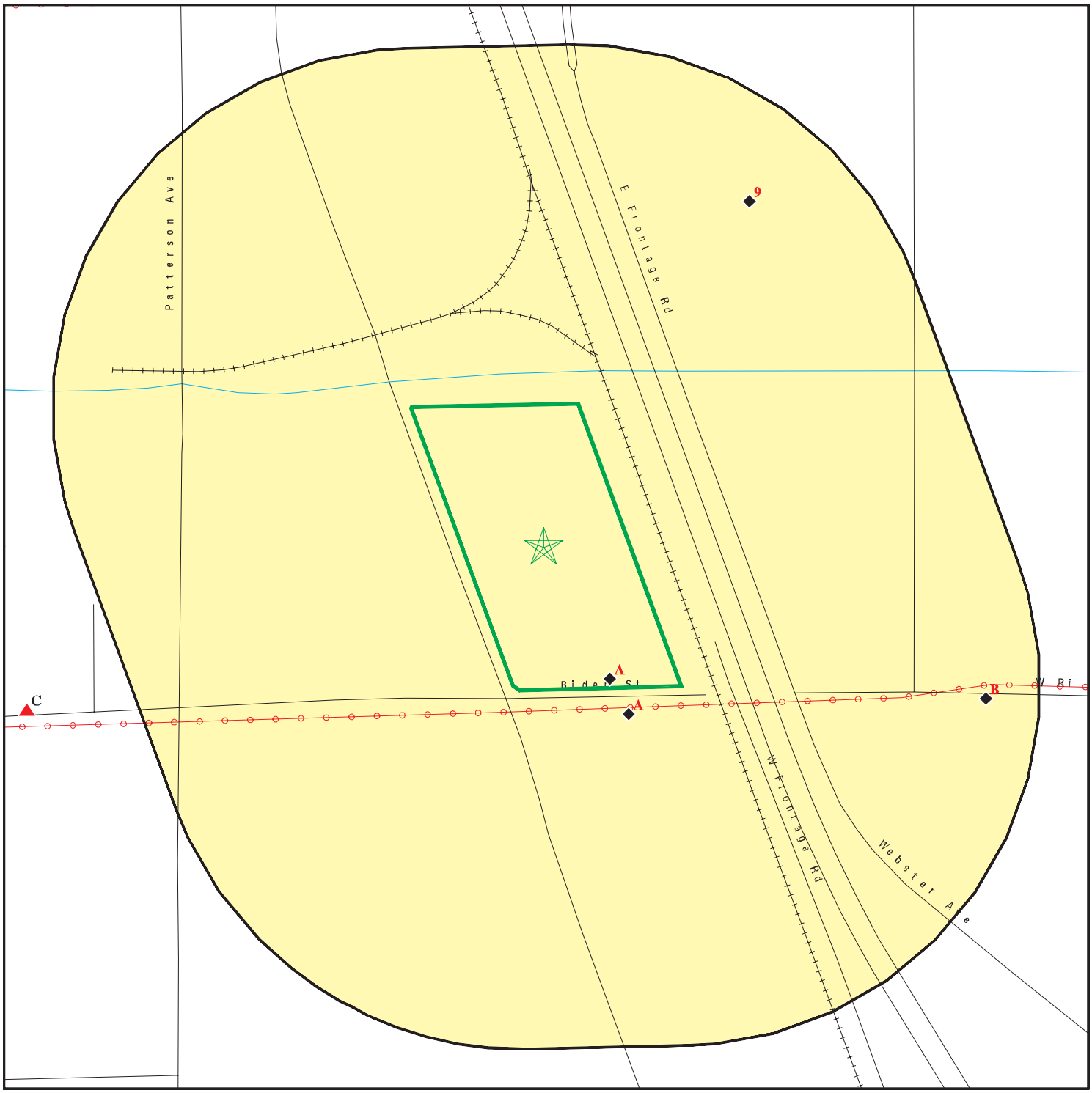
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 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:	Rider & Harvill Site	CLIENT:	APEX Environmental
ADDRESS:	NEC of Rider St and Harvill Ave Perris CA 92570	CONTACT:	Tania Cowden
LAT/LONG:	33.831963 / -117.24832	INQUIRY #:	5884780.2s
		DATE:	November 26, 2019 3:19 pm

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DETAIL MAP - 5884780.2S



- 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
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Rider & Harvill Site	CLIENT:	APEX Environmental
ADDRESS:	NEC of Rider St and Harvill Ave Perris CA 92570	CONTACT:	Tania Cowden
LAT/LONG:	33.831963 / -117.24832	INQUIRY #:	5884780.2s
		DATE:	November 26, 2019 3:22 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	1	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	1	NR	NR	NR	2
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	2	NR	3
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		1	1	NR	NR	NR	2
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	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
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		1	2	NR	NR	NR	3
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		1	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1
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	0	NR	NR	0
CUPA Listings	0.250		0	0	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
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
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		3	NR	NR	NR	NR	3
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	1	NR	1
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	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	0	0	NR	0
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		1	NR	NR	NR	NR	1
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
CIWQS	0.001		1	NR	NR	NR	NR	1
CERS	0.001		1	NR	NR	NR	NR	1
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
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	12	4	5	4	0	25

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **STAR MILLING CO** **HAZNET** **S123630934**
23840 RIDER ST **N/A**
< 1/8 **PERRIS, CA 92570**
1 ft.

Site 1 of 8 in cluster A

Relative: HAZNET:
Lower

Actual: Name:	STAR MILLING CO
1509 ft. Address:	23840 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Year:	2015
GEPAID:	CAL000392566
Contact:	MARK JACOBS
Telephone:	9516573143
Mailing Name:	Not reported
Mailing Address:	P.O. BOX 1987
Mailing City,St,Zip:	PERRIS, CA 925721987
Gen County:	Riverside
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Tons:	0.1
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Riverside

A2 **MCANNALLY ENTERPRISES LLC** **HAZNET** **S123630125**
23840 RIDER ST **N/A**
< 1/8 **PERRIS, CA 92570**
1 ft.

Site 2 of 8 in cluster A

Relative: HAZNET:
Lower

Actual: Name:	MCANNALLY ENTERPRISES LLC
1509 ft. Address:	23840 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Year:	2013
GEPAID:	CAL000385161
Contact:	MARK JACOBS
Telephone:	9516573987
Mailing Name:	Not reported
Mailing Address:	23840 RIDER ST
Mailing City,St,Zip:	PERRIS, CA 92570
Gen County:	Riverside
TSD EPA ID:	AZR000501510
TSD County:	99
Tons:	0.2
CA Waste Code:	352-Other organic solids
Method:	H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Riverside

A3 **MCANALLY ENTERPRISES INC** **NPDES S103976830**
23840 RIDER ST **WDS N/A**
< 1/8 **PERRIS, CA 92370** **CIWQS**
1 ft. **CERS**

Site 3 of 8 in cluster A

Relative: Lower
Actual: 1509 ft.

NPDES:

Name:	STAR MILLING CO
Address:	23840 RIDER STREET
City,State,Zip:	PERRIS, CA 92570
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:	8 33I024660
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:	01/29/2014
Operator Name:	Star Milling Co
Operator Address:	23840 Rider Street
Operator City:	Perris
Operator State:	California
Operator Zip:	92570

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	444111
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I024660
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:	01/29/2014
Processed Date:	01/29/2014
Status:	Active

MCANALLY ENTERPRISES INC (Continued) **S103976830**

Status Date:	01/29/2014
Place Size:	4.3
Place Size Unit:	Acres
Contact:	Mark Jacobs
Contact Title:	Feed and Food Safety
Contact Phone:	951-657-3143
Contact Phone Ext:	310
Contact Email:	mjacobs@starmilling.com
Operator Name:	Star Milling Co
Operator Address:	23840 Rider Street
Operator City:	Perris
Operator State:	California
Operator Zip:	92570
Operator Contact:	Bill Cramer
Operator Contact Title:	President
Operator Contact Phone:	951-657-3143
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bill_cramer@starmilling.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:	951-202-9016
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:	None
Certifier:	William Cramer
Certifier Title:	President
Certification Date:	15-APR-15
Primary Sic:	2048-Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active

MCANALLY ENTERPRISES INC (Continued) **S103976830**

Agency Number:	0
Region:	8
Regulatory Measure ID:	444111
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I024660
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/29/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Star Milling Co
Discharge Address:	23840 Rider Street
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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

MCANALLY ENTERPRISES INC (Continued) **S103976830**

Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	STAR MILLING CO
Address:	23840 RIDER STREET
City,State,Zip:	PERRIS, CA 92570
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	444111
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 33I024660
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/29/2014
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	23840 Rider Street
Discharge Name:	Star Milling Co
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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:	8
Regulatory Measure ID:	444111
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I024660

MCANALLY ENTERPRISES INC (Continued) **S103976830**

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:	01/29/2014
Processed Date:	01/29/2014
Status:	Active
Status Date:	01/29/2014
Place Size:	4.3
Place Size Unit:	Acres
Contact:	Mark Jacobs
Contact Title:	Feed and Food Safety
Contact Phone:	951-657-3143
Contact Phone Ext:	310
Contact Email:	mjacobs@starmilling.com
Operator Name:	Star Milling Co
Operator Address:	23840 Rider Street
Operator City:	Perris
Operator State:	California
Operator Zip:	92570
Operator Contact:	Bill Cramer
Operator Contact Title:	President
Operator Contact Phone:	951-657-3143
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	bill_cramer@starmilling.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:	951-202-9016
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

MCANALLY ENTERPRISES INC (Continued) **S103976830**

Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	None
Certifier:	William Cramer
Certifier Title:	President
Certification Date:	15-APR-15
Primary Sic:	2048-Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	444111
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I024660
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/29/2014
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Star Milling Co
Discharge Address:	23840 Rider Street
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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

MCANALLY ENTERPRISES INC (Continued) **S103976830**

Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	MCANALLY ENTERPRISES INC
Address:	23840 RIDER ST
City:	PERRIS
Facility ID:	Santa Ana River 33I009929
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
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:	8
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	MC ANALLY ENTERPRISES INC.
Agency Address:	PO BOX1129
Agency City,St,Zip:	YUCAIPA 923991129
Agency Contact:	NYLE A MCANALLY
Agency Telephone:	9097970144
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported

MCANALLY ENTERPRISES INC (Continued) **S103976830**

Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:
Name: MCANALLY ENT INC
Address: 23840 RIDER STREET
City,State,Zip: PERRIS, CA 92370
Agency: McAnally Ent Inc
Agency Address: PO Box 378, Nuevo, CA 92567
Place/Project Type: Industrial - Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats
SIC/NAICS: 2048
Region: 8
Program: INDSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 8 33I009929
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 05/06/1993
Termination Date: 02/06/2014
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: 33.83106
Longitude: -117.24762

Name: STAR MILLING CO
Address: 23840 RIDER STREET
City,State,Zip: PERRIS, CA 92570
Agency: Star Milling Co
Agency Address: 23840 Rider Street, Perris, CA 92570
Place/Project Type: Industrial - Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats
SIC/NAICS: 2048

MCANALLY ENTERPRISES INC (Continued) **S103976830**

Region:	8
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I024660
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	01/29/2014
Termination Date:	08/07/2019
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:	33.83106
Longitude:	-117.24762

CERS:

Name:	STAR MILLING CO
Address:	23840 RIDER STREET
City,State,Zip:	PERRIS, CA 92570
Site ID:	543236
CERS ID:	827685
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Star Milling Co
Entity Title:	Operator
Affiliation Address:	23840 Rider Street
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92570
Affiliation Phone:	Not reported

A4 **STAR MILLING CO** **RCRA NonGen / NLR** **1024842213**
23840 RIDER ST **CAL000392566**
< 1/8 **PERRIS, CA 92570**
1 ft.

Site 4 of 8 in cluster A

Relative: Lower
Actual: 1509 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-01-08 00:00:00.0
Facility name:	STAR MILLING CO
Facility address:	23840 RIDER ST PERRIS, CA 92570
EPA ID:	CAL000392566
Mailing address:	P.O. BOX 1987 PERRIS, CA 92572-1987
Contact:	MARK JACOBS
Contact address:	P.O. BOX 1987 PERRIS, CA 92572-1987
Contact country:	Not reported

STAR MILLING CO (Continued) **1024842213**

Contact telephone: 951-657-3143
Contact email: MJACOBS@STARMILLING.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: STAR MILLING CO
Owner/operator address: 24067 WATER AVE
PERRIS, CA 92570
Owner/operator country: Not reported
Owner/operator telephone: 951-657-3143
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MARK JACOBS
Owner/operator address: P.O. BOX 1987
PERRIS, CA 92572
Owner/operator country: Not reported
Owner/operator telephone: 951-657-3143
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

A5 **MCANNALLY ENTERPRISES** **HAZNET** **S112887744**
23840 RIDER ST **N/A**
< 1/8 **PERRIS, CA 92370**
1 ft.

Site 5 of 8 in cluster A

Relative: Lower
Actual: 1509 ft.

HAZNET:

Name:	MCANNALLY ENTERPRISES
Address:	23840 RIDER ST
City,State,Zip:	PERRIS, CA 923700000
Year:	1998
GEPAID:	CAC001396112
Contact:	TONY MCANNALLY-VP
Telephone:	9097970144
Mailing Name:	Not reported
Mailing Address:	12215 7TH ST
Mailing City,St,Zip:	YUCAIPA, CA 923990000
Gen County:	Riverside
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Tons:	2.085
CA Waste Code:	241-Tank bottom waste
Method:	R01-Recycler
Facility County:	Riverside

A6 **STAR MILLING CO** **FINDS** **1023696217**
23840 RIDER STREET **ECHO** **N/A**
< 1/8 **PERRIS, CA 92570**
1 ft.

Site 6 of 8 in cluster A

Relative: Lower
Actual: 1509 ft.

FINDS:

Registry ID: 110070093292

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.

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.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1023696217
Registry ID:	110070093292

STAR MILLING CO (Continued) **1023696217**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110070093292

A7 **P W EAGLE INC DBA P W PIPE** **RCRA-SQG** **1004676294**
SSE **23711 RIDER ST** **CAR000083436**
< 1/8 **PERRIS, CA 92570**
0.018 mi.
96 ft. **Site 7 of 8 in cluster A**

Relative:
Lower

Actual:
1507 ft.

RCRA-SQG:

Date form received by agency:	2002-04-30 00:00:00.0
Facility name:	P W EAGLE INC DBA P W PIPE
Facility address:	23711 RIDER ST PERRIS, CA 92570-7114
EPA ID:	CAR000083436
Contact:	IVAN SHOEMAKER
Contact address:	23711 RIDER ST PERRIS, CA 92570-7114
Contact country:	US
Contact telephone:	909-657-7400
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	P W EAGLE INC DBA P W PIPE
Owner/operator address:	1550 VALLEY RIVER DR EUGENE, OR 97401
Owner/operator country:	Not reported
Owner/operator telephone:	541-343-0200
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No

P W EAGLE INC DBA P W PIPE (Continued) **1004676294**

Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

A8 **PAC WSTRN EXTRUDED PLAST** **CERS HAZ WASTE** **S104583240**
SSE **23711 RIDER ST** **EMI** **N/A**
< 1/8 **PERRIS, CA 92570** **NPDES**
0.018 mi. **WDS**
96 ft. **Site 8 of 8 in cluster A** **CIWQS**
CERS

Relative:
Lower

Actual:
1507 ft.

CERS HAZ WASTE:
Name: JM EAGLE
Address: 23711 RIDER ST
City,State,Zip: PERRIS, CA 92570
Site ID: 395501
CERS ID: 10325635
CERS Description: Hazardous Waste Generator

EMI:
Name: PACIFIC WESTERN EXTRUDED PLAST
Address: 23711 RIDER STREET
City,State,Zip: PERRIS, CA 925700000
Year: 1990
County Code: 33
Air Basin: SC
Facility ID: 76348
Air District Name: SC
SIC Code: 3089
Air District Name: SOUTH COAST AQMD
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: 2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 2

NPDES:
Name: JM EAGLE
Address: 23711 RIDER ST

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

City,State,Zip:	PERRIS, CA 92570
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:	8 33I000794
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:	03/20/1992
Operator Name:	JM Eagle Inc
Operator Address:	23711 Rider St
Operator City:	Perris
Operator State:	California
Operator Zip:	92570

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210671
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I000794
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/20/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	JM Eagle Inc
Discharge Address:	23711 Rider St
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210671
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I000794
Program Type:	Not reported

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

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:	03/20/1992
Status:	Active
Status Date:	03/20/1992
Place Size:	20.28
Place Size Unit:	Acres
Contact:	Ivan Shoemaker
Contact Title:	ESH Coordinator
Contact Phone:	951-657-7400
Contact Phone Ext:	30
Contact Email:	ivanshoemaker@jmeagle.com
Operator Name:	JM Eagle Inc
Operator Address:	23711 Rider St
Operator City:	Perris
Operator State:	California
Operator Zip:	92570
Operator Contact:	Dan Johnson
Operator Contact Title:	Not reported
Operator Contact Phone:	951-657-7400
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	danjohnson@jmeagle.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:	951-657-7400
Emergency Phone Ext:	30
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

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Dir Discharge Uswater Ind:	N
Receiving Water Name:	Eastern Municipal Water District Storm Drain System
Certifier:	Ivan Shoemaker
Certifier Title:	ESH Coordinator
Certification Date:	04-FEB-15
Primary Sic:	3084-Plastics Pipe
Secondary Sic:	3089-Plastics Products, NEC
Tertiary Sic:	Not reported

Name:	JM EAGLE
Address:	23711 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	210671
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 33I000794
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/20/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	23711 Rider St
Discharge Name:	JM Eagle Inc
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210671
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I000794
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/20/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	JM Eagle Inc
Discharge Address:	23711 Rider St
Discharge City:	Perris

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Discharge State:	California
Discharge Zip:	92570
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

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210671
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I000794
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:	03/20/1992
Status:	Active
Status Date:	03/20/1992
Place Size:	20.28
Place Size Unit:	Acres
Contact:	Ivan Shoemaker
Contact Title:	ESH Coordinator
Contact Phone:	951-657-7400
Contact Phone Ext:	30
Contact Email:	ivanshoemaker@jmeagle.com
Operator Name:	JM Eagle Inc
Operator Address:	23711 Rider St
Operator City:	Perris
Operator State:	California
Operator Zip:	92570
Operator Contact:	Dan Johnson
Operator Contact Title:	Not reported
Operator Contact Phone:	951-657-7400
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	danjohnson@jmeagle.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:	951-657-7400
Emergency Phone Ext:	30
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

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:	Eastern Municipal Water District Storm Drain System
Certifier:	Ivan Shoemaker
Certifier Title:	ESH Coordinator
Certification Date:	04-FEB-15
Primary Sic:	3084-Plastics Pipe
Secondary Sic:	3089-Plastics Products, NEC
Tertiary Sic:	Not reported

WDS:

Name:	PAC WSTRN EXTRUDED PLAST
Address:	23711 Rider St
City:	PERRIS
Facility ID:	Santa Ana River 33I000794
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:	8
Facility Telephone:	9096577400
Facility Contact:	DAN JOHNSON
Agency Name:	PACIFIC WESTERN EXTRUDED PLAST
Agency Address:	1550 VALLEY RIVER DR
Agency City,St,Zip:	EUGENE 974012122
Agency Contact:	JOE GONZALES
Agency Telephone:	5413430200
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	JM EAGLE
Address:	23711 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Agency:	JM Eagle Inc
Agency Address:	23711 Rider St, Perris, CA 92570
Place/Project Type:	Industrial - Plastics Pipe
SIC/NAICS:	3084(+)
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I000794
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/20/1992
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:	33.83041
Longitude:	-117.24858

CERS:

Name:	JM EAGLE
Address:	23711 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Site ID:	395501
CERS ID:	10325635
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	395501
Site Name:	JM Eagle
Violation Date:	06-01-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 07/12/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	395501
Site Name:	JM Eagle
Violation Date:	08-07-2007
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	1st Notice of Non-Compliance - 08/07/2007: Failure to submit 2006-2007 Annual Report by July 1st.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS
Site ID:	395501
Site Name:	JM Eagle
Violation Date:	06-01-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 07/12/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-21-2013
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	The last set of sample results in April and November for the facility indicated elevated levels of EC and TSS. Staff reviewed their sample locations and procedures. They are only collecting a sample of the western side of the plant and missing the eastern side that has the plastic pellet storage bins. Staff asked them to start collecting samples at two locations to insure representative sampling for the entire facility. Staff gave them the option to analyze two samples or to have the lab composite the samples by combining them in a ratio equivalent to the ratio of each area and the total exposed area. Ivan indicated that he would have the samples analyzed separately and not combine them. In addition, staff requested that they update their SWPPP and site map depicting the two sampling locations.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-01-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-01-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	395501
Site Name:	JM Eagle
Site Address:	23711 RIDER ST
Site City:	PERRIS
Site Zip:	92570
Enf Action Date:	08-07-2007
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	Failure to submit Annual Report for the reporting year 2006-2007 before July 1, 2007. Annual Report 2006-2007 Notice of Non-Compliance was sent out on August 07, 2007.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Coordinates:

Site ID:	395501
Facility Name:	JM Eagle
Env Int Type Code:	HMBP
Program ID:	10325635
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.829360
Longitude:	-117.247080

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055
Affiliation Type Desc:	Identification Signer
Entity Name:	Ivan Shoemaker
Entity Title:	ESH Coordinator
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	JM EAGLE
Entity Title:	Not reported
Affiliation Address:	5200 W. Century Blvd.
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90045
Affiliation Phone:	(800) 621-4404
Affiliation Type Desc:	Document Preparer
Entity Name:	Ivan Shoemaker
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	23711 Rider St.
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92570
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ivan Shoemaker
Entity Title:	Not reported
Affiliation Address:	23711 Rider Street
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92570
Affiliation Phone:	Not reported
Affiliation Type Desc:	Owner/Operator
Entity Name:	JM Eagle Inc
Entity Title:	Operator
Affiliation Address:	23711 Rider St
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92570
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	JM EAGLE
Entity Title:	Not reported

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 657-7400
Affiliation Type Desc:	Parent Corporation
Entity Name:	JM EAGLE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Name:	JM EAGLE
Address:	23711 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Site ID:	395501
CERS ID:	247096
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	395501
Site Name:	JM Eagle
Violation Date:	06-01-2016
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 a site map with all required content.
Violation Notes:	Returned to compliance on 07/12/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	395501
Site Name:	JM Eagle
Violation Date:	08-07-2007
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	1st Notice of Non-Compliance - 08/07/2007: Failure to submit 2006-2007 Annual Report by July 1st.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS
Site ID:	395501
Site Name:	JM Eagle
Violation Date:	06-01-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 07/12/2016.

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-21-2013
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	The last set of sample results in April and November for the facility indicated elevated levels of EC and TSS. Staff reviewed their sample locations and procedures. They are only collecting a sample of the western side of the plant and missing the eastern side that has the plastic pellet storage bins. Staff asked them to start collecting samples at two locations to insure representative sampling for the entire facility. Staff gave them the option to analyze two samples or to have the lab composite the samples by combining them in a ratio equivalent to the ratio of each area and the total exposed area. Ivan indicated that he would have the samples analyzed separately and not combine them. In addition, staff requested that they update their SWPPP and site map depicting the two sampling locations.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-01-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-01-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Riverside County Department of Env Health
Eval Program:	HMRRP
Eval Source:	CERS

Enforcement Action:

Site ID:	395501
Site Name:	JM Eagle
Site Address:	23711 RIDER ST
Site City:	PERRIS
Site Zip:	92570
Enf Action Date:	08-07-2007
Enf Action Type:	Notice of Non-Compliance for Non-Filers
Enf Action Description:	Notice of Non-Compliance for Non-Filers
Enf Action Notes:	Failure to submit Annual Report for the reporting year 2006-2007 before July 1, 2007. Annual Report 2006-2007 Notice of Non-Compliance was sent out on August 07, 2007.
Enf Action Division:	Water Boards

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Enf Action Program: INDSTW
Enf Action Source: SMARTS

Coordinates:
Site ID: 395501
Facility Name: JM Eagle
Env Int Type Code: HMBP
Program ID: 10325635
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 33.829360
Longitude: -117.247080

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Identification Signer
Entity Name: Ivan Shoemaker
Entity Title: ESH Coordinator
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: JM EAGLE
Entity Title: Not reported
Affiliation Address: 5200 W. Century Blvd.
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90045
Affiliation Phone: (800) 621-4404

Affiliation Type Desc: Document Preparer
Entity Name: Ivan Shoemaker
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address

PAC WSTRN EXTRUDED PLAST (Continued) **S104583240**

Entity Title:	Not reported
Affiliation Address:	23711 Rider St.
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92570
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ivan Shoemaker
Entity Title:	Not reported
Affiliation Address:	23711 Rider Street
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92570
Affiliation Phone:	Not reported
Affiliation Type Desc:	Owner/Operator
Entity Name:	JM Eagle Inc
Entity Title:	Operator
Affiliation Address:	23711 Rider St
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92570
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	JM EAGLE
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:	(951) 657-7400
Affiliation Type Desc:	Parent Corporation
Entity Name:	JM EAGLE
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

9
NNE
1/8-1/4
0.185 mi.
975 ft.

A-AERIAL SREVICE CO INC
3462 WEBSTER AVE
PERRIS, CA 92571

RCRA NonGen / NLR

1024836867
CAL000381318

Relative:
Lower

Actual:
1497 ft.

RCRA NonGen / NLR:

Date form received by agency:	2012-12-28 00:00:00.0
Facility name:	A-AERIAL SREVICE CO INC
Facility address:	3462 WEBSTER AVE PERRIS, CA 92571
EPA ID:	CAL000381318
Contact:	DENISE MILLER
Contact address:	3462 WEBSTER AVE PERRIS, CA 92571
Contact country:	Not reported
Contact telephone:	951-780-7853
Contact email:	DENISE@AAERIAL.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DENISE MILLER
Owner/operator address:	3464 WEBSTER AVE PERRIS, CA 92571
Owner/operator country:	Not reported
Owner/operator telephone:	951-780-7853
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	DENISE MILLER
Owner/operator address:	3462 WEBSTER AVE PERRIS, CA 92571
Owner/operator country:	Not reported
Owner/operator telephone:	951-780-7853
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No

A-AERIAL SREVICE CO INC (Continued) **1024836867**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

B10 **RITCHIE BROS AUCTIONEERS (AMERICA) INC** **CERS HAZ WASTE** **S113128656**
ESE **765 W RIDER ST** **HAZNET** **N/A**
1/8-1/4 **PERRIS, CA 92571** **CERS**
0.213 mi.
1122 ft. **Site 1 of 3 in cluster B**

Relative:
Lower

Actual:
1488 ft.

CERS HAZ WASTE:
Name: RITCHIE BROS. AUCTIONEERS
Address: 765 W RIDER ST
City,State,Zip: PERRIS, CA 92571
Site ID: 45052
CERS ID: 10321180
CERS Description: Hazardous Waste Generator

HAZNET:
Name: RITCHIE BROS AUCTIONEERS (AMERICA) INC
Address: 765 W RIDER ST
City,State,Zip: PERRIS, CA 925713515
Year: 2017
GEPAID: CAL000275327
Contact: BRYAN MOSE
Telephone: 9512023053
Mailing Name: Not reported
Mailing Address: 765 W RIDER ST
Mailing City,St,Zip: PERRIS, CA 925713515
Gen County: Riverside
TSD EPA ID: NVT330010000
TSD County: 99
Tons: 0.6255
CA Waste Code: 222-Oil/water separation sludge
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: Riverside

Name: RITCHIE BROS AUCTIONEERS (AMERICA) INC
Address: 765 W RIDER ST
City,State,Zip: PERRIS, CA 925713515
Year: 2016
GEPAID: CAL000275327
Contact: DAVE VERT
Telephone: 9512330357
Mailing Name: Not reported
Mailing Address: 765 W RIDER ST
Mailing City,St,Zip: PERRIS, CA 925713515
Gen County: Riverside
TSD EPA ID: AZR000501510
TSD County: 99
Tons: 0.03

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

CA Waste Code: 352-Other organic solids
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Riverside

Name: RITCHIE BROS AUCTIONEERS (AMERICA) INC
Address: 765 W RIDER ST
City,State,Zip: PERRIS, CA 925713515
Year: 2016
GEPAID: CAL000275327
Contact: DAVE VERT
Telephone: 9512330357
Mailing Name: Not reported
Mailing Address: 765 W RIDER ST
Mailing City,St,Zip: PERRIS, CA 925713515
Gen County: Riverside
TSD EPA ID: AZR000501510
TSD County: 99
Tons: 0.52125
CA Waste Code: 222-Oil/water separation sludge
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Riverside

Name: RITCHIE BROS AUCTIONEERS (AMERICA) INC
Address: 765 W RIDER ST
City,State,Zip: PERRIS, CA 925713515
Year: 2015
GEPAID: CAL000275327
Contact: DAVE VERT
Telephone: 9512330357
Mailing Name: Not reported
Mailing Address: 765 W RIDER ST
Mailing City,St,Zip: PERRIS, CA 925713515
Gen County: Riverside
TSD EPA ID: AZR000501510
TSD County: 99
Tons: 1.06335
CA Waste Code: 222-Oil/water separation sludge
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Riverside

Name: RITCHIE BROS AUCTIONEERS (AMERICA) INC
Address: 765 W RIDER ST
City,State,Zip: PERRIS, CA 925713515
Year: 2015
GEPAID: CAL000275327
Contact: DAVE VERT
Telephone: 9512330357
Mailing Name: Not reported
Mailing Address: 765 W RIDER ST
Mailing City,St,Zip: PERRIS, CA 925713515
Gen County: Riverside
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Tons: 0.66

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H061-Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Riverside

Click this hyperlink while viewing on your computer to access
33 additional CA_HAZNET: record(s) in the EDR Site Report.

CERS:
Name: RITCHIE BROS. AUCTIONEERS
Address: 765 W RIDER ST
City,State,Zip: PERRIS, CA 92571
Site ID: 45052
CERS ID: 10321180
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 01/18/2019. OBSERVATION: Observed a 55 gallon metal drum on a wood pallet in the detail bay without a product label and one 55 gallon metal drum in the wash pad without a product label (possibly degreaser according to manager). CORRECTIVE ACTION: Owner/operator shall ensure all hazardous materials containers are labeled with a product name. Submit photos to this department.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 02/20/2019. OBSERVATION: Required NFPA-704 signs were not posted. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. Signs shall be posted on the Diesel tank and the battery storage cage. Submit photos to this department. OBSERVATION: Observed incorrectly posted NFPA-704 signs located on the fuel cage and at the entrance to the facility. Specifically, the number 3 for flammability was incorrect based on the chemicals observed during the inspection. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and replace incorrect NFPA-704 signs. NFPA -704 signs shall be properly posted at all main entrances to the facility. Submit photos to this department.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

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 02/20/2019. OBSERVATION: The chemical inventory description page submitted is missing lead acid batteries. Lead acid batteries were observed on the property during the inspection and should be disclosed in the inventory. CORRECTIVE ACTION: Owner/operator shall add the chemical inventory page for lead acid batteries and submit to the statewide information management system at http://cers.calepa.ca.gov.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	45052
Site Name:	Ritchie Bros. Auctioneers
Violation Date:	07-06-2015
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 12/29/2015. The diesel fuel tank was not posted with a label identifying the contents.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	45052
Site Name:	Ritchie Bros. Auctioneers
Violation Date:	07-06-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 12/29/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	45052
Site Name:	Ritchie Bros. Auctioneers
Violation Date:	01-18-2019
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 01/18/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	45052
Site Name:	Ritchie Bros. Auctioneers
Violation Date:	07-06-2015
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

	6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 12/29/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	45052
Site Name:	Ritchie Bros. Auctioneers
Violation Date:	01-18-2019
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 01/18/2019. OBSERVATION: Observed used oil/fuel filters being stored improperly. Specifically, used oil filters were observed in 5 gallon open, plastic buckets without product labels. CORRECTIVE ACTION: Owner/operator shall store drained oil filters in a closed, properly labeled drum.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	45052
Site Name:	Ritchie Bros. Auctioneers
Violation Date:	07-06-2015
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 07/06/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS
Site ID:	45052
Site Name:	Ritchie Bros. Auctioneers
Violation Date:	01-18-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 01/18/2019. OBSERVATION: Observed three cylinders (Acetylene, Oxygen and Propane) in the fuel cage that were not properly secured and one 55 gallon metal drum in the wash pad without a bung cap. CORRECTIVE ACTION: Owner/operator shall store all hazardous materials in a manner which will prevent unauthorized fire, explosion, or release. Compressed gas cylinders shall be properly secured to a stationary object.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 02/20/2019. OBSERVATION: No training records observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. Please email the material that is covered in the training as well as a signed and dated signature of all personnel who received the training.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019
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 01/24/2019. OBSERVATION: Observed manifest numbers 017548432 JJK, dated 09/5/18, 018528056 JJK dated 5/25/18, and 008697964 FLE dated 9/15/16 with no matching TSDF-signed copy. CORRECTIVE ACTION: Owner/operator shall locate TSDF-signed copy of aforementioned manifest.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 07-06-2015
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 12/29/2015. The diesel fuel tank was not posted with an NFPA704 sign.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019
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

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

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 01/18/2019. OBSERVATION: Observed used filters in 5 gallon plastic buckets without cover/lid in place. Also observed Diesel fuel in an open 5 gallon bucket. CORRECTIVE ACTION: Owner/operator shall maintain all hazardous waste containers closed when not adding/removing hazardous waste.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019
Citation: Un-Specified
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes: Returned to compliance on 02/20/2019. OBSERVATION: Observed battery storage cage without a proper storage label . CORRECTIVE ACTION: Owner/operator shall properly identify all hazardous materials storage areas appropriately. Label battery storage area. Submit photos to this department.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Violation Date: 01-18-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 01/18/2019. OBSERVATION: Observed three 55 gallon drums for waste oil, one 5 gallon bucket containing waste fuel, and two 5 gallon plastic buckets containing used filters that were missing proper labels. CORRECTIVE ACTION: Owner/operator shall label hazardous waste containers with all the required information. Label shall include at least: the words ""hazardous waste"", generator name and address, accumulation start date, composition and physical state of waste, and hazardous property statement. Submit photos to this department, if applicable.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-06-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-29-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-18-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-18-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 45052
Site Name: Ritchie Bros. Auctioneers
Site Address: 765 W RIDER ST
Site City: PERRIS
Site Zip: 92571
Enf Action Date: 07-06-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 45052
Site Name: Ritchie Bros. Auctioneers

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

Site Address:	765 W RIDER ST
Site City:	PERRIS
Site Zip:	92571
Enf Action Date:	07-06-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Riverside County Department of Env Health
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	David Fogarty
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Ritchie Bros. Auctioneers (America) Inc.
Entity Title:	Not reported
Affiliation Address:	4000 Pine Lake Rd
Affiliation City:	Lincoln
Affiliation State:	NE
Affiliation Country:	United States
Affiliation Zip:	68516
Affiliation Phone:	(800) 663-8457

Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055

Affiliation Type Desc:	Environmental Contact
Entity Name:	David Fogarty
Entity Title:	Not reported
Affiliation Address:	4000 Pine Lake Rd
Affiliation City:	Lincoln
Affiliation State:	NE
Affiliation Country:	Not reported
Affiliation Zip:	68516
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Karl Warner
Entity Title:	Chief Operational Support & Development Officer
Affiliation Address:	Not reported
Affiliation City:	Not reported

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **S113128656**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Ritchie Bros. Auctioneers (America) 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:	(800) 663-8457
Affiliation Type Desc:	Property Owner
Entity Name:	Ritchie Bros Auctioneers
Entity Title:	Not reported
Affiliation Address:	765 W Rider St
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92571
Affiliation Phone:	(800) 663-8457
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	4000 Pine Lake Rd
Affiliation City:	Lincoln
Affiliation State:	NE
Affiliation Country:	Not reported
Affiliation Zip:	68516
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Ritchie Bros. Auctioneers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

B11 **ARROWHEAD RITCHIE BROS REFURB SHOP** **RCRA-SQG** **1014950472**
ESE **765 W RIDER ST** **CAR000129155**
1/8-1/4 **PERRIS, CA 92571**
0.213 mi.
1122 ft. **Site 2 of 3 in cluster B**

Relative: RCRA-SQG:
Lower
Date form received by agency: 2012-07-25 00:00:00.0
Actual: Facility name: ARROWHEAD RITCHIE BROS REFURB SHOP
1488 ft. Facility address: 765 W RIDER ST
UNIT B
PERRIS, CA 92571

ARROWHEAD RITCHIE BROS REFURB SHOP (Continued) **1014950472**

EPA ID: CAR000129155
Mailing address: 900 BLUE MOUND ROAD EAST
HASLET, TX 76052
Contact: BYRON LIVINGSTON
Contact address: 900 BLUE MOUND ROAD EAST
HASLET, TX 76052
Contact country: US
Contact telephone: 817-800-2029
Contact email: BLIVINGSTON@ASLTX.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: RITCHIE BROTHERS AUCTIONEERS
Owner/operator address: PO BOX 6429
LINCOLN, NE 68506
Owner/operator country: US
Owner/operator telephone: 402-421-3631
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2000-01-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: ARROWHEAD SVCS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2012-07-09 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No

ARROWHEAD RITCHIE BROS REFURB SHOP (Continued) **1014950472**

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2003-03-03 00:00:00.0
Site name: ARROWHEAD SERVICES LTD
Classification: Small Quantity Generator

Date form received by agency: 2003-03-03 00:00:00.0
Site name: ARROWHEAD SERVICES LTD
Classification: Large Quantity Generator

Date form received by agency: 2002-10-03 00:00:00.0
Site name: G AND G INDUSTRIAL PAINTING
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS

ARROWHEAD RITCHIE BROS REFURB SHOP (Continued) **1014950472**

CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

B12 **RITCHIE BROS AUCTIONEERS (AMERICA) INC** **RCRA NonGen / NLR** **1024807619**
ESE **765 W RIDER ST** **CAL000275327**
1/8-1/4 **PERRIS, CA 92571**
0.213 mi.
1122 ft. **Site 3 of 3 in cluster B**

Relative:
Lower

Actual:
1488 ft.

RCRA NonGen / NLR:
Date form received by agency: 2003-10-09 00:00:00.0
Facility name: RITCHIE BROS AUCTIONEERS (AMERICA) INC
Facility address: 765 W RIDER ST
PERRIS, CA 92571-3515
EPA ID: CAL000275327
Contact: BRYAN MOSE
Contact address: 765 W RIDER STREET
PERRIS, CA 92571
Contact country: Not reported
Contact telephone: 951-202-3053
Contact email: BMOSE@RBAUCTION.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: RITCHIE BROS AUCTIONEERS
Owner/operator address: 4000 PINE LAKE RD
LINCOLN, NE 68516
Owner/operator country: Not reported
Owner/operator telephone: 800-663-8457
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BRYAN MOSE
Owner/operator address: 765 W RIDER STREET
PERRIS, CA 92571
Owner/operator country: Not reported
Owner/operator telephone: 951-202-3053
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

RITCHIE BROS AUCTIONEERS (AMERICA) INC (Continued) **1024807619**

Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

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13 **VAL VERDE CONTINUATION HIGH SCHOOL** **ENVIROSTOR** **S105628757**
North **NEVADA AVENUE/MORGAN STREET** **SCH** **N/A**
1/4-1/2 **PERRIS, CA 92571**
0.296 mi.
1562 ft.

Relative: **Lower**

Actual: **1499 ft.**

ENVIROSTOR:

Name:	VAL VERDE CONTINUATION HIGH SCHOOL
Address:	NEVADA AVENUE/MORGAN STREET
City,State,Zip:	PERRIS, CA 92571-3103
Facility ID:	33010050
Status:	No Further Action
Status Date:	05/23/2002
Site Code:	404250
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	18
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	61
Senate:	31
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.8217
Longitude:	-117.204
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic Aldrin Chlordane DDD DDE DDT Dieldrin Endosulfan Endrin HCH (alpha HCH (beta HCH (gamma) Lindane HCH-technical Heptachlor Heptachlor epoxide Mirex Toxaphene
Confirmed COC:	30001-NO 30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30309-NO 30313-NO 30314-NO 30315-NO 30316-NO 30207-NO 30400-NO 30261-NO 30043-NO 30308-NO 30023-NO
Potential Description:	SOIL
Alias Name:	MORGAN STREET HIGH SCHOOL SITE
Alias Type:	Alternate Name

VAL VERDE CONTINUATION HIGH SCHOOL (Continued) **S105628757**

Alias Name: VAL VERDE CONTINUATION HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: VAL VERDE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: VAL VERDE USD-CONTINUATION SCHOOL
Alias Type: Alternate Name
Alias Name: VAL VERDE USD-PRPSD VAL VERDE CONT. HS
Alias Type: Alternate Name
Alias Name: 404242
Alias Type: Project Code (Site Code)
Alias Name: 404250
Alias Type: Project Code (Site Code)
Alias Name: 33010050
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: 05/23/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 12/05/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 07/13/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/18/2001
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
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: VAL VERDE CONTINUATION HIGH SCHOOL
Address: NEVADA AVENUE/MORGAN STREET
City,State,Zip: PERRIS, CA 92571-3103
Facility ID: 33010050
Site Type: School Investigation

VAL VERDE CONTINUATION HIGH SCHOOL (Continued) **S105628757**

Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	18
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404250
Assembly:	61
Senate:	31
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	05/23/2002
Restricted Use:	NO
Funding:	School District
Latitude:	33.8217
Longitude:	-117.204
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Aldrin, Chlordane, DDD, DDE, DDT, Dieldrin, Endosulfan, Endrin, HCH (alpha, HCH (beta, HCH (gamma) Lindane, HCH-technical, Heptachlor, Heptachlor epoxide, Mirex, Toxaphene
Confirmed COC:	30001-NO, 30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30309-NO, 30313-NO, 30314-NO, 30315-NO, 30316-NO, 30207-NO, 30400-NO, 30261-NO, 30043-NO, 30308-NO, 30023-NO
Potential Description:	SOIL
Alias Name:	MORGAN STREET HIGH SCHOOL SITE
Alias Type:	Alternate Name
Alias Name:	VAL VERDE CONTINUATION HIGH SCHOOL
Alias Type:	Alternate Name
Alias Name:	VAL VERDE UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	VAL VERDE USD-CONTINUATION SCHOOL
Alias Type:	Alternate Name
Alias Name:	VAL VERDE USD-PRPSD VAL VERDE CONT. HS
Alias Type:	Alternate Name
Alias Name:	404242
Alias Type:	Project Code (Site Code)
Alias Name:	404250
Alias Type:	Project Code (Site Code)
Alias Name:	33010050
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:	05/23/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	12/05/2001
Comments:	Not reported

VAL VERDE CONTINUATION HIGH SCHOOL (Continued) **S105628757**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	07/13/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	09/18/2001
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
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

C14 **MCANALLY ENTERPRISES** **LUST S106410452**
WSW **23480 RIDER ST** **CERS N/A**
1/4-1/2 **PERRIS, CA 92570**
0.324 mi.
1710 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
1544 ft.

LUST:

Name:	MCANALLY ENTERPRISES
Address:	23480 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500587
Global Id:	T0606500587
Latitude:	33.8306219725169
Longitude:	-117.247480338449
Status:	Completed - Case Closed
Status Date:	08/04/2000
Case Worker:	RIV
RB Case Number:	083303464T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	9915151
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0606500587
Contact Type:	Regional Board Caseworker
Contact Name:	NANCY OLSON-MARTIN
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	nolson-martin@waterboards.ca.gov
Phone Number:	Not reported

MCANALLY ENTERPRISES (Continued) **S106410452**

Global Id: T0606500587
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558980

LUST:
Global Id: T0606500587
Action Type: Other
Date: 04/22/1999
Action: Leak Discovery

Global Id: T0606500587
Action Type: Other
Date: 06/25/1998
Action: Leak Stopped

Global Id: T0606500587
Action Type: Other
Date: 04/22/1999
Action: Leak Reported

Global Id: T0606500587
Action Type: ENFORCEMENT
Date: 08/01/2000
Action: Closure/No Further Action Letter - #Riv Co Closure

Global Id: T0606500587
Action Type: ENFORCEMENT
Date: 07/31/2000
Action: File review - #RCDEH upload site file 8/27/2015

LUST:
Global Id: T0606500587
Status: Open - Case Begin Date
Status Date: 06/25/1998

Global Id: T0606500587
Status: Open - Site Assessment
Status Date: 04/22/1999

Global Id: T0606500587
Status: Open - Site Assessment
Status Date: 05/11/1999

Global Id: T0606500587
Status: Open - Site Assessment
Status Date: 01/19/2000

Global Id: T0606500587
Status: Completed - Case Closed
Status Date: 08/04/2000

MCANALLY ENTERPRISES (Continued) **S106410452**

RIVERSIDE CO. LUST:

Name:	MCANALLY ENTERPRISE
Address:	23480 RIDER ST
City,State,Zip:	PERRIS, CA
Region:	RIVERSIDE
Facility ID:	9915151
Employee:	Boltinghous-LOP
Site Closed:	Yes
Case Type:	Soil only
Facility Status:	closed/action completed
Casetype Decode:	Soil only is impacted
Fstatus Decode:	Closed/Action completed

CERS:

Name:	MCANALLY ENTERPRISES
Address:	23480 RIDER ST
City,State,Zip:	PERRIS, CA 92570
Site ID:	246878
CERS ID:	T0606500587
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9519558980

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	NANCY OLSON-MARTIN - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

C15 **MCANALLY ENTERPRISES** **LUST** **S101590216**
WSW **23480 RIDER ST** **SWEEPS UST** **N/A**
1/4-1/2 **PERRIS, CA 92570** **CA FID UST**
0.324 mi. **HIST CORTESE**
1710 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
1544 ft.

LUST REG 8:

Name:	MCANALLY ENTERPRISES
Address:	23480 RIDER ST
City:	PERRIS
Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed

MCANALLY ENTERPRISES (Continued) **S101590216**

Case Number:	083303464T
Local Case Num:	99-15151
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	HWY 215
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500587
How Stopped Date:	6/25/1998
Enter Date:	5/14/1999
Date Confirmation of Leak Began:	4/22/1999
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/22/1999
Enforcement Date:	Not reported
Close Date:	8/4/2000
Date Prelim Assessment Workplan Submitted:	5/11/1999
Date Pollution Characterization Began:	1/19/2000
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/14/1999
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.8302077
Longitude:	-117.2522718
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	1
Max MTBE Soil:	.026
MTBE Fuel:	0
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	NOM
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

SWEEPS UST:

Name:	FEED MILL
Address:	23480 RIDER ST
City:	PERRIS

MCANALLY ENTERPRISES (Continued) **S101590216**

Status: Active
Comp Number: 59854
Number: 1
Board Of Equalization: 44-018415
Referral Date: 10-29-92
Action Date: 10-29-92
Created Date: 01-26-89
Owner Tank Id: 000495
SWRCB Tank Id: 33-000-059854-000001
Tank Status: A
Capacity: 10000
Active Date: 11-23-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 2

Name: FEED MILL
Address: 23480 RIDER ST
City: PERRIS
Status: Active
Comp Number: 59854
Number: 1
Board Of Equalization: 44-018415
Referral Date: 10-29-92
Action Date: 10-29-92
Created Date: 01-26-89
Owner Tank Id: 000495
SWRCB Tank Id: 33-000-059854-000002
Tank Status: A
Capacity: 10000
Active Date: 11-23-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 33006812
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146573987
Mail To: Not reported
Mailing Address: 12215 SEVENTH/POBOX 1129
Mailing Address 2: Not reported
Mailing City,St,Zip: PERRIS 92370
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

MCANALLY ENTERPRISES (Continued) **S101590216**

HIST CORTESE:

edr_fname:	MCANALLY ENTERPRISES
edr_fadd1:	23480
City,State,Zip:	PERRIS, CA 92370
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083303464T

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16 **ECOLOGY RECYCLING SERVICES LLC** **SWRCY** **S110733091**
NW **23332 CAJALCO ROAD** **NPDES** **N/A**
1/4-1/2 **PERRIS, CA 92570** **CIWQS**
0.441 mi. **CERS**
2328 ft.

Relative: Higher

Actual: 1529 ft.

SWRCY:

Name:	ECOLOGY RECYCLING SERVICES LLC
Address:	23332 CAJALCO RD
City,State,Zip:	PERRIS, CA 92570
Reg Id:	262180
Cert Id:	RC262180.001
Mailing Address:	14150 Vine Pl
Mailing City:	Cerritos
Mailing State:	CA
Mailing Zip Code:	90703
Website:	Not reported
Email:	Not reported
Phone Number:	(562) 921-9974
Rural:	Y
Operation Begin Date:	10/01/2017
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon - Fri 8:00 am - 4:30 pm; Sat 8:00 am - 3:00 pm; Sun Closed
Organization ID:	260754
Organization Name:	Ecology Recycling Services LLC

NPDES:

Name:	ECOLOGY RECYCLING SERVICES LLC
Address:	23332 CAJALCO ROAD
City,State,Zip:	PERRIS, CA 92570
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:	8 33MR000070
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
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

ECOLOGY RECYCLING SERVICES LLC (Continued) **S110733091**

Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	01/14/2019
Operator Name:	Ecology Recycling Services LLC
Operator Address:	14150 Vine Place
Operator City:	Cerritos
Operator State:	California
Operator Zip:	90703

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	489674
Order Number:	Not reported
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Place ID:	Not reported
WDID:	8 33MR000070
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/07/2017
Processed Date:	08/10/2017
Status:	Active
Status Date:	08/10/2017
Place Size:	5.5
Place Size Unit:	Acres
Contact:	Regina Coronado
Contact Title:	Compliance Manager
Contact Phone:	562-921-9974
Contact Phone Ext:	Not reported
Contact Email:	gcoronado@ecoparts.com
Operator Name:	Ecology Recycling Services LLC
Operator Address:	14150 Vine Place
Operator City:	Cerritos
Operator State:	California
Operator Zip:	90703
Operator Contact:	Regina Coronado
Operator Contact Title:	Compliance Manager
Operator Contact Phone:	562-921-9974
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	gcoronado@ecoparts.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California

ECOLOGY RECYCLING SERVICES LLC (Continued) **S110733091**

Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	562-544-9860
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:	Santa Ana River
Certifier:	Aaron Siroonian
Certifier Title:	Manager
Certification Date:	07-AUG-17
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	489674
Order Number:	Not reported
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33MR000070
Program Type:	Region 8 - Scrap Metal Permit
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/10/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Ecology Recycling Services LLC
Discharge Address:	14150 Vine Place
Discharge City:	Cerritos
Discharge State:	California
Discharge Zip:	90703
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

ECOLOGY RECYCLING SERVICES LLC (Continued) **S110733091**

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

Name:	ECOLOGY RECYCLING SERVICES LLC
Address:	23332 CAJALCO ROAD
City,State,Zip:	PERRIS, CA 92570
Facility Status:	Active
NPDES Number:	Not reported
Region:	8

ECOLOGY RECYCLING SERVICES LLC (Continued) **S110733091**

Agency Number:	0
Regulatory Measure ID:	489674
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33MR000070
Regulatory Measure Type:	Enrollee
Program Type:	Region 8 - Scrap Metal Permit
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/10/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	14150 Vine Place
Discharge Name:	Ecology Recycling Services LLC
Discharge City:	Cerritos
Discharge State:	California
Discharge Zip:	90703
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:	8
Regulatory Measure ID:	489674
Order Number:	Not reported
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Place ID:	Not reported
WDID:	8 33MR000070
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/07/2017
Processed Date:	08/10/2017
Status:	Active
Status Date:	08/10/2017
Place Size:	5.5
Place Size Unit:	Acres
Contact:	Regina Coronado
Contact Title:	Compliance Manager
Contact Phone:	562-921-9974
Contact Phone Ext:	Not reported
Contact Email:	gcoronado@ecoparts.com
Operator Name:	Ecology Recycling Services LLC
Operator Address:	14150 Vine Place
Operator City:	Cerritos

ECOLOGY RECYCLING SERVICES LLC (Continued) **S110733091**

Operator State:	California
Operator Zip:	90703
Operator Contact:	Regina Coronado
Operator Contact Title:	Compliance Manager
Operator Contact Phone:	562-921-9974
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	gcoronado@ecoparts.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:	562-544-9860
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:	Santa Ana River
Certifier:	Aaron Siroonian
Certifier Title:	Manager
Certification Date:	07-AUG-17
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	489674
Order Number:	Not reported
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33MR000070
Program Type:	Region 8 - Scrap Metal Permit
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/10/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported

ECOLOGY RECYCLING SERVICES LLC (Continued) **S110733091**

Discharge Name:	Ecology Recycling Services LLC
Discharge Address:	14150 Vine Place
Discharge City:	Cerritos
Discharge State:	California
Discharge Zip:	90703
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

ECOLOGY RECYCLING SERVICES LLC (Continued) **S110733091**

Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	ECOLOGY RECYCLING SERVICES LLC
Address:	23332 CAJALCO ROAD
City,State,Zip:	PERRIS, CA 92570
Agency:	Ecology Recycling Services LLC
Agency Address:	14150 Vine Place, Cerritos, CA 90703
Place/Project Type:	Industrial - Scrap and Waste Materials
SIC/NAICS:	5093
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Region 8 - Scrap Metal Permit
Order Number:	R8-2012-0012
WDID:	8 33MR000070
NPDES Number:	CAG618001
Adoption Date:	Not reported
Effective Date:	08/10/2017
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:	2
Latitude:	33.83895
Longitude:	-117.25683

CERS:

Name:	ECOLOGY RECYCLING SERVICES LLC
Address:	23332 CAJALCO ROAD
City,State,Zip:	PERRIS, CA 92570
Site ID:	531097
CERS ID:	857888
CERS Description:	Industrial Facility Storm Water

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Ecology Recycling Services LLC
Entity Title:	Operator
Affiliation Address:	14150 Vine Place
Affiliation City:	Cerritos
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90703
Affiliation Phone:	Not reported

17
West
1/2-1
0.703 mi.
3712 ft.

Relative:
Higher

Actual:
1562 ft.

ALPHA RESINS
19991 SEATON AVE
PERRIS, CA 92370

Database(s): CORRACTS, RCRA-TSDF, RCRA-LQG, ENVIROSTOR, HIST UST, RAATS, EMI, HWP, NPDES, CIWQS, CERS

EDR ID Number: 1000238960
EPA ID Number: CAD059270975

CORRACTS:

EPA ID:	CAD059270975
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	1992-07-16 00:00:00.0
Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s):	325211 Plastics Material and Resin Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD059270975
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	1992-07-16 00:00:00.0
Action:	CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s):	325211 Plastics Material and Resin Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD059270975
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	1990-01-01 00:00:00.0
Action:	CA029ST
NAICS Code(s):	325211 Plastics Material and Resin Manufacturing
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD059270975
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	1988-10-24 00:00:00.0
Action:	CA999 - Corrective Action Process Terminated
NAICS Code(s):	325211 Plastics Material and Resin Manufacturing
Original schedule date:	1988-11-22 00:00:00.0

ALPHA RESINS (Continued) **1000238960**

Schedule end date: Not reported

EPA ID: CAD059270975
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 1988-10-24 00:00:00.0
Action: CA050 - RFA Completed
NAICS Code(s): 325211
Plastics Material and Resin Manufacturing
Original schedule date: 1988-11-22 00:00:00.0
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 2018-01-25 00:00:00.0
Facility name: AOC LLC
Facility address: 19991 SEATON AVENUE
PERRIS, CA 92370-0000
EPA ID: CAD059270975
Mailing address: SEATON AVENUE
PERRIS, CA 92370-0000
Contact: JUAN F MONTALVO
Contact address: SEATON AVENUE
PERRIS, CA 92370-0000
Contact country: US
Contact telephone: 951-943-9708
Contact email: JMONTALVO@AOC-RESINS.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: THE ALPHA CORPORATION
Owner/operator address: HIGHWAY 57 EAST
COLLIERVILLE, TN 38017
Owner/operator country: US
Owner/operator telephone: 901-854-2850
Owner/operator email: JMONTALVO@AOC-RESINS.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner

ALPHA RESINS (Continued) **1000238960**

Owner/Op start date: 1997-05-01 00:00:00.0
Owner/Op end date: Not reported

Owner/operator name: AOC, LLC
Owner/operator address: SEATON AVENUE
PERRIS, CA 92370
Owner/operator country: US
Owner/operator telephone: 951-943-9708
Owner/operator email: JMONTALVO@AOC-RESINS.COM
Owner/operator fax: 951-657-8370
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 1997-05-01 00:00:00.0
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2016-01-19 00:00:00.0
Site name: AOC, LLC
Classification: Large Quantity Generator

Date form received by agency: 2014-03-01 00:00:00.0
Site name: AOC, LLC
Classification: Large Quantity Generator

Date form received by agency: 2012-02-28 00:00:00.0
Site name: AOC, LLC
Classification: Large Quantity Generator

Date form received by agency: 2010-02-08 00:00:00.0
Site name: AOC, LLC
Classification: Large Quantity Generator

Date form received by agency: 2008-02-27 00:00:00.0
Site name: AOC, L.L.C.
Classification: Large Quantity Generator

Date form received by agency: 2006-02-27 00:00:00.0
Site name: AOC, L.L.C.

ALPHA RESINS (Continued) **1000238960**

Classification: Small Quantity Generator

Date form received by agency: 2006-02-27 00:00:00.0
Site name: AOC, L.L.C.
Classification: Large Quantity Generator

Date form received by agency: 2002-03-01 00:00:00.0
Site name: AOC, L.L.C.
Classification: Large Quantity Generator

Date form received by agency: 1999-03-04 00:00:00.0
Site name: ALPHA/OWENS-CORNING L.L.C
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: ALPHA OWENS CORNING L L C
Classification: Large Quantity Generator

Date form received by agency: 1994-10-17 00:00:00.0
Site name: ALPHA OWENS CORNING L L C
Classification: Small Quantity Generator

Date form received by agency: 1994-03-29 00:00:00.0
Site name: ALPHA RESINS CORP
Classification: Large Quantity Generator

Date form received by agency: 1992-02-26 00:00:00.0
Site name: ALPHA RESINS
Classification: Large Quantity Generator

Date form received by agency: 1990-04-12 00:00:00.0
Site name: ALPHA RESINS
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 272
. Waste name: Polymeric resin waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

ALPHA RESINS (Continued) **1000238960**

. Waste code: 513
. Waste name: Empty containers less than 30 gallons

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: U107
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE

. Waste code: U147
. Waste name: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 32499

Waste code: U147
Waste name: 2,5-FURANDIONE
Amount (Lbs): 500

Waste code: U190
Waste name: 1,3-ISOBENZOFURANDIONE
Amount (Lbs): 500

Corrective Action Summary:
Event date: 1988-10-24 00:00:00.0
Event: RFA COMPLETED

Event date: 1988-10-24 00:00:00.0
Event: CA PROCESS IS TERMINATED

Event date: 1990-01-01 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1992-07-16 00:00:00.0
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 1992-07-16 00:00:00.0

ALPHA RESINS (Continued) **1000238960**

Event: CA PRIORITIZATION-LOW CA PRIORITY

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-02-19 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-02-19 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-02-19 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-03-06 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2009-01-06 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

ALPHA RESINS (Continued) **1000238960**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2004-11-04 00:00:00.0
Date achieved compliance: 2004-12-03 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2004-11-04 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 1992-12-02 00:00:00.0
Date achieved compliance: 1993-01-07 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 1992-12-02 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2400
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 1992-12-02 00:00:00.0
Date achieved compliance: 1993-01-07 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 1992-12-02 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2400
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-05-12 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-02-24 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

ALPHA RESINS (Continued) **1000238960**

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-05-12 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-03-24 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 263
Area of violation: Transporters - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-05-12 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-02-24 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 263

ALPHA RESINS (Continued) **1000238960**

Area of violation: Transporters - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2015-08-13 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2009-03-06 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport

ALPHA RESINS (Continued) **1000238960**

Date achieved compliance: 2009-02-19 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 2009-02-19 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 2009-02-19 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2004-11-04 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2004-12-03 00:00:00.0
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 1992-11-06 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1992-10-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1993-01-07 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1989-05-12 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 1989-05-12 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1989-05-12 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1989-03-24 00:00:00.0
Evaluation lead agency: State

ALPHA RESINS (Continued) **1000238960**

Evaluation date: 1989-01-09 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1988-06-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1988-08-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 1988-08-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1988-08-01 00:00:00.0
Evaluation lead agency: State

RCRA-LQG:
Date form received by agency: 2018-01-25 00:00:00.0
Facility name: AOC LLC
Facility address: 19991 SEATON AVENUE
PERRIS, CA 92370-0000
EPA ID: CAD059270975
Mailing address: SEATON AVENUE
PERRIS, CA 92370-0000
Contact: JUAN F MONTALVO
Contact address: SEATON AVENUE
PERRIS, CA 92370-0000
Contact country: US
Contact telephone: 951-943-9708
Contact email: JMONTALVO@AOC-RESINS.COM
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

ALPHA RESINS (Continued) **1000238960**

Owner/Operator Summary:
- Owner/operator name: THE ALPHA CORPORATION
- Owner/operator address: HIGHWAY 57 EAST
  COLLIERVILLE, TN 38017
- Owner/operator country: US
- Owner/operator telephone: 901-854-2850
- Owner/operator email: JMONTALVO@AOC-RESINS.COM
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Owner
- Owner/Op start date: 1997-05-01 00:00:00.0
- Owner/Op end date: Not reported

- Owner/operator name: AOC, LLC
- Owner/operator address: SEATON AVENUE
  PERRIS, CA 92370
- Owner/operator country: US
- Owner/operator telephone: 951-943-9708
- Owner/operator email: JMONTALVO@AOC-RESINS.COM
- Owner/operator fax: 951-657-8370
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 1997-05-01 00:00:00.0
- Owner/Op end date: Not reported

Handler Activities Summary:
- U.S. importer of hazardous waste: No
- Mixed waste (haz. and radioactive): No
- Recycler of hazardous waste: No
- Transporter of hazardous waste: No
- Treater, storer or disposer of HW: No
- Underground injection activity: No
- On-site burner exemption: No
- Furnace exemption: No
- Used oil fuel burner: No
- Used oil processor: No
- User oil refiner: No
- Used oil fuel marketer to burner: No
- Used oil Specification marketer: No
- Used oil transfer facility: No
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2016-01-19 00:00:00.0
- Site name: AOC, LLC
- Classification: Large Quantity Generator

- Date form received by agency: 2014-03-01 00:00:00.0
- Site name: AOC, LLC
- Classification: Large Quantity Generator

- Date form received by agency: 2012-02-28 00:00:00.0
- Site name: AOC, LLC
- Classification: Large Quantity Generator

ALPHA RESINS (Continued) **1000238960**

Date form received by agency: 2010-02-08 00:00:00.0
Site name: AOC, LLC
Classification: Large Quantity Generator

Date form received by agency: 2008-02-27 00:00:00.0
Site name: AOC, L.L.C.
Classification: Large Quantity Generator

Date form received by agency: 2006-02-27 00:00:00.0
Site name: AOC, L.L.C.
Classification: Small Quantity Generator

Date form received by agency: 2006-02-27 00:00:00.0
Site name: AOC, L.L.C.
Classification: Large Quantity Generator

Date form received by agency: 2002-03-01 00:00:00.0
Site name: AOC, L.L.C.
Classification: Large Quantity Generator

Date form received by agency: 1999-03-04 00:00:00.0
Site name: ALPHA/OWENS-CORNING L.L.C
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: ALPHA OWENS CORNING L L C
Classification: Large Quantity Generator

Date form received by agency: 1994-10-17 00:00:00.0
Site name: ALPHA OWENS CORNING L L C
Classification: Small Quantity Generator

Date form received by agency: 1994-03-29 00:00:00.0
Site name: ALPHA RESINS CORP
Classification: Large Quantity Generator

Date form received by agency: 1992-02-26 00:00:00.0
Site name: ALPHA RESINS
Classification: Large Quantity Generator

Date form received by agency: 1990-04-12 00:00:00.0
Site name: ALPHA RESINS
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 272
. Waste name: Polymeric resin waste

ALPHA RESINS (Continued) **1000238960**

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 513
. Waste name: Empty containers less than 30 gallons

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D009
. Waste name: MERCURY

. Waste code: U107
. Waste name: 1,2-BENZENEDICARBOXYLIC ACID, DIOCTYL ESTER (OR) DI-N-OCTYL PHTHALATE

. Waste code: U147
. Waste name: 2,5-FURANDIONE (OR) MALEIC ANHYDRIDE

. Waste code: U190
. Waste name: 1,3-ISOBENZOFURANDIONE (OR) PHTHALIC ANHYDRIDE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 32499

Waste code: U147
Waste name: 2,5-FURANDIONE
Amount (Lbs): 500

Waste code: U190
Waste name: 1,3-ISOBENZOFURANDIONE
Amount (Lbs): 500

Corrective Action Summary:
Event date: 1988-10-24 00:00:00.0
Event: RFA COMPLETED

Event date: 1988-10-24 00:00:00.0
Event: CA PROCESS IS TERMINATED

ALPHA RESINS (Continued) **1000238960**

Event date: 1990-01-01 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1992-07-16 00:00:00.0
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: 1992-07-16 00:00:00.0
Event: CA PRIORITIZATION-LOW CA PRIORITY

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-02-19 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-02-19 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-02-19 00:00:00.0
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2009-01-06 00:00:00.0
Date achieved compliance: 2009-03-06 00:00:00.0

ALPHA RESINS (Continued) **1000238960**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2009-01-06 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2004-11-04 00:00:00.0
Date achieved compliance: 2004-12-03 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 2004-11-04 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 1992-12-02 00:00:00.0
Date achieved compliance: 1993-01-07 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 1992-12-02 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2400
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 1992-12-02 00:00:00.0
Date achieved compliance: 1993-01-07 00:00:00.0
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 1992-12-02 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 2400
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-05-12 00:00:00.0
Violation lead agency: State

ALPHA RESINS (Continued) **1000238960**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-02-24 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-05-12 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-03-24 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 263
Area of violation: Transporters - General
Date violation determined: 1989-01-11 00:00:00.0
Date achieved compliance: 1989-05-12 00:00:00.0
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 1989-02-24 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported

ALPHA RESINS (Continued) **1000238960**

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 263
Area of violation: Transporters - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 1988-06-07 00:00:00.0
Date achieved compliance: 1988-08-01 00:00:00.0
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 2015-08-13 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

ALPHA RESINS (Continued) **1000238960**

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2009-03-06 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 2009-02-19 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 2009-02-19 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2009-01-06 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 2009-02-19 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2004-11-04 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 2004-12-03 00:00:00.0
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 1992-11-06 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1992-10-19 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1993-01-07 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1989-05-12 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 1989-05-12 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General

ALPHA RESINS (Continued) **1000238960**

Date achieved compliance: 1989-05-12 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-11 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1989-03-24 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1989-01-09 00:00:00.0
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 1988-06-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 1988-08-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 1988-08-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1988-06-07 00:00:00.0
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 1988-08-01 00:00:00.0
Evaluation lead agency: State

ENVIROSTOR:
Name: AOC LLC
Address: 19991 SEATON AVE
City,State,Zip: PERRIS, CA 923700000
Facility ID: 80001432
Status: Active
Status Date: 08/12/2009
Site Code: 401231
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Jess Villamayor
Supervisor: Philip Chandler
Division Branch: Cleanup Chatsworth
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.83099
Longitude: -117.2627

ALPHA RESINS (Continued) **1000238960**

APN: 317090029
Past Use: MANUFACTURING - CHEMICALS
Potential COC: Diethylene glycol, monobutyl ether Diethylene glycol, monoethyl ether Ethylene glycol Ethylene glycol, monobutyl ether Phthalic anhydride Propylene glycol Propylene glycol, monoethyl ether Propylene glycol, monomethyl ether
Confirmed COC: NONE SPECIFIED
Potential Description: OTH, SED, SOIL, SURFW
Alias Name: 317090029
Alias Type: APN
Alias Name: CAD059270975
Alias Type: EPA Identification Number
Alias Name: 110000479385
Alias Type: EPA (FRS #)
Alias Name: 401231
Alias Type: Project Code (Site Code)
Alias Name: 80001432
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2005
Comments: DTSC issued a letter to RP submitting a copy of the RCRA Facility Assessment report dated October 1988

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 10/01/1988
Comments: RCRA FA was conducted by A. T. Kearney on behalf of the U.S.EPA

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 09/15/2006
Comments: DTSC issued a letter on September 15, 2006 responding a letter request, dated April 24, 2006, to provide additional information on: 1) summary report related to the DTSC March 10, 2005 on-site evaluation; 2) copies of figures indicating the location of the new areas of concerns (AOCs) identified, as referenced in Section 3 of the draft corrective action consent agreement (CACA); and 3) clarification of table 2.3 of the draft CACA

Completed Area Name: PROJECT WIDE

ALPHA RESINS (Continued) **1000238960**

Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 01/25/2005
Comments: Signed HARP is not available in the file room

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/07/2007
Comments: DTSC concurred with AOC's proposed schedule for submittal of the Letter Report on Current Condition at the AOC LLC Facility

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/30/1990
Comments: DHS issued a letter on April 30, 1990 on which acknowledged the Certification of Closure Report dated December 28, 1989, for the hazardous waste incinerator that operated at the Alpha Resins Corporation. The acknowledgment of Facility closure was not a certification that the Facility did not pose any environmental or public health threat, nor did release the owner/operator from responsibilities and liabilities associated with past hazardous waste management practices that occurred at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/10/2015
Comments: Cost estimate completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 10/24/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CA Process is Terminated
Completed Date: 10/24/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 07/16/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/04/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

ALPHA RESINS (Continued) **1000238960**

Completed Document Type: Technical Report
Completed Date: 03/10/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/19/1980
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/30/1981
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Phase 1
Schedule Due Date: 07/30/2019
Schedule Revised Date: 01/05/2020

HIST UST:
Name: ALPHA RESINS
Address: 19991 SEATON AVE
City,State,Zip: PERRIS, CA 92370
File Number: 0001F9FE
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F9FE.pdf
Region: STATE
Facility ID: 00000019398
Facility Type: Other
Other Type: RESIN PLANT
Contact Name: JOHN HUGHES
Telephone: 7146575161
Owner Name: THE ALPHA CORPORATION
Owner Address: HIGHWAY 57 EAST
Owner City,St,Zip: COLLIERVILLE, TN 38017
Total Tanks: 0003

Tank Num: 001
Container Num: 01
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 02
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: WASTE

ALPHA RESINS (Continued) **1000238960**

Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Visual

Tank Num: 003
Container Num: 03
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Click here for Geo Tracker PDF:

RAATS:

Entry No: 1
Facility ID: CAD059270975
Type: Not reported
Docket No: RCRA-09-85-0001
Region: 09
Issue Date: Not reported
Final Date: 10/12/1984
Status: Complaint Issued
Additional: Not reported
Action ID: 522
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 1 3005
Total No Cited: Not reported
Reg Type: Federal
Prop. Penalty: .00
Final Penalty: .00
Total Prop. Penalty: .00
Comments: Not reported

Entry No: 1
Facility ID: CAD059270975
Type: Not reported
Docket No: RCRA-09-85-0001
Region: 09
Issue Date: Not reported
Final Date: 10/12/1984
Status: Complaint Issued
Additional: Not reported
Action ID: 522
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 2 270.10(E)(4)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: *
Final Penalty: .00
Total Prop. Penalty: .00
Comments: Not reported

ALPHA RESINS (Continued) **1000238960**

EMI:

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92370
Year:	2002
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15
Reactive Organic Gases Tons/Yr:	10
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92370
Year:	2003
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15
Reactive Organic Gases Tons/Yr:	10
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92370
Year:	2004
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	14.9067966
Reactive Organic Gases Tons/Yr:	9.82
Carbon Monoxide Emissions Tons/Yr:	1.2297
NOX - Oxides of Nitrogen Tons/Yr:	2.2815

ALPHA RESINS (Continued) **1000238960**

SOX - Oxides of Sulphur Tons/Yr: 0.029756
Particulate Matter Tons/Yr: 0.26499
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.23

Name: AOC, LLC
Address: 19991 SEATON AVE
City,State,Zip: PERRIS, CA 92370
Year: 2005
County Code: 33
Air Basin: SC
Facility ID: 117140
Air District Name: SC
SIC Code: 2821
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .889675
Reactive Organic Gases Tons/Yr: .549064262
Carbon Monoxide Emissions Tons/Yr: 1.2121
NOX - Oxides of Nitrogen Tons/Yr: 2.184545
SOX - Oxides of Sulphur Tons/Yr: .02143
Particulate Matter Tons/Yr: .261165
Part. Matter 10 Micrometers and Smllr Tons/Yr: .23025594

Name: AOC, LLC
Address: 19991 SEATON AVE
City,State,Zip: PERRIS, CA 92370
Year: 2006
County Code: 33
Air Basin: SC
Facility ID: 117140
Air District Name: SC
SIC Code: 2821
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 9.432175151723743611
Reactive Organic Gases Tons/Yr: 5.853
Carbon Monoxide Emissions Tons/Yr: 1.365
NOX - Oxides of Nitrogen Tons/Yr: 2.26
SOX - Oxides of Sulphur Tons/Yr: .023
Particulate Matter Tons/Yr: .294
Part. Matter 10 Micrometers and Smllr Tons/Yr: .2641

Name: AOC, LLC
Address: 19991 SEATON AVE
City,State,Zip: PERRIS, CA 92370
Year: 2007
County Code: 33
Air Basin: SC
Facility ID: 117140
Air District Name: SC
SIC Code: 2821
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 9.430036548942120371

ALPHA RESINS (Continued) **1000238960**

Reactive Organic Gases Tons/Yr:	5.853
Carbon Monoxide Emissions Tons/Yr:	1.365
NOX - Oxides of Nitrogen Tons/Yr:	2.26
SOX - Oxides of Sulphur Tons/Yr:	.023
Particulate Matter Tons/Yr:	.294
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.2641

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2008
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2295
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15.07811376000858083
Reactive Organic Gases Tons/Yr:	9.963154663978917988
Carbon Monoxide Emissions Tons/Yr:	.9653995
NOX - Oxides of Nitrogen Tons/Yr:	4.40242296085028655
SOX - Oxides of Sulphur Tons/Yr:	.014278975
Particulate Matter Tons/Yr:	.194995375
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.19497979

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2009
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2295
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8.0821268014842804
Reactive Organic Gases Tons/Yr:	5.1635499999999999
Carbon Monoxide Emissions Tons/Yr:	0.68061000000000005
NOX - Oxides of Nitrogen Tons/Yr:	3.1142699999999999
SOX - Oxides of Sulphur Tons/Yr:	0.0122285
Particulate Matter Tons/Yr:	0.13782249999999999
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.13762286500000001

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2010
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2295
Air District Name:	SOUTH COAST AQMD

ALPHA RESINS (Continued) **1000238960**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.7045807250007101
Reactive Organic Gases Tons/Yr:	3.6664599999999998
Carbon Monoxide Emissions Tons/Yr:	0.72604000000000002
NOX - Oxides of Nitrogen Tons/Yr:	1.3524
SOX - Oxides of Sulphur Tons/Yr:	0.01336795
Particulate Matter Tons/Yr:	0.15657974999999999
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.14263007150000001

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2011
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2295
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.8255886653
Reactive Organic Gases Tons/Yr:	3.70706
Carbon Monoxide Emissions Tons/Yr:	0.86354
NOX - Oxides of Nitrogen Tons/Yr:	1.65961
SOX - Oxides of Sulphur Tons/Yr:	0.01689
Particulate Matter Tons/Yr:	0.18962
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.17000252

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2012
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2295
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.7202886107
Reactive Organic Gases Tons/Yr:	3.73289
Carbon Monoxide Emissions Tons/Yr:	0.77024
NOX - Oxides of Nitrogen Tons/Yr:	1.4247
SOX - Oxides of Sulphur Tons/Yr:	0.01286
Particulate Matter Tons/Yr:	0.16742
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.14213816

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2013
County Code:	33
Air Basin:	SC
Facility ID:	117140

ALPHA RESINS (Continued) **1000238960**

Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.7592429067
Reactive Organic Gases Tons/Yr:	3.81681
Carbon Monoxide Emissions Tons/Yr:	1.98159
NOX - Oxides of Nitrogen Tons/Yr:	1.48536
SOX - Oxides of Sulphur Tons/Yr:	0.01438
Particulate Matter Tons/Yr:	0.17037
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.1417864

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2014
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6.4971263252
Reactive Organic Gases Tons/Yr:	4.63982
Carbon Monoxide Emissions Tons/Yr:	0.70304
NOX - Oxides of Nitrogen Tons/Yr:	0.70898
SOX - Oxides of Sulphur Tons/Yr:	0.01108
Particulate Matter Tons/Yr:	0.14849
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.12351596

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2015
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12.673498909
Reactive Organic Gases Tons/Yr:	11.77189445
Carbon Monoxide Emissions Tons/Yr:	0.900319
NOX - Oxides of Nitrogen Tons/Yr:	0.9924485
SOX - Oxides of Sulphur Tons/Yr:	0.01402181
Particulate Matter Tons/Yr:	0.18722315
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.161949201

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2016

ALPHA RESINS (Continued) **1000238960**

County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.7742614136
Reactive Organic Gases Tons/Yr:	1.00127321
Carbon Monoxide Emissions Tons/Yr:	0.8260817
NOX - Oxides of Nitrogen Tons/Yr:	0.77
SOX - Oxides of Sulphur Tons/Yr:	0.0127233242
Particulate Matter Tons/Yr:	0.15259185
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.1294313376

Name:	AOC, LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 92570
Year:	2017
County Code:	33
Air Basin:	SC
Facility ID:	117140
Air District Name:	SC
SIC Code:	2821
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.8833343432
Reactive Organic Gases Tons/Yr:	1.0516311
Carbon Monoxide Emissions Tons/Yr:	0.787559
NOX - Oxides of Nitrogen Tons/Yr:	1.4439181
SOX - Oxides of Sulphur Tons/Yr:	0.012990141
Particulate Matter Tons/Yr:	0.15292615
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.129653644

HWP:

Name:	AOC LLC
Address:	19991 SEATON AVE
City,State,Zip:	PERRIS, CA 923700000
EPA Id:	CAD059270975
Cleanup Status:	CLOSED
Latitude:	33.83099
Longitude:	-117.2627
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	401231, TBD
Assembly District:	61
Senate District:	31
Public Information Officer:	Not reported
Public Information Officer:	Not reported

Activities:

EPA Id:	CAD059270975
Facility Type:	Historical - Non-Operating

ALPHA RESINS (Continued) **1000238960**

Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - 2ND NOTICE OF DEFICIENCY ISSUED
Actual Date: 10/23/1984

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 02/14/1984

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date: 06/21/1989

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - RESPONSE TO 1ST NOD RECEIVED
Actual Date: 03/28/1984

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 05/02/1983

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 09/30/1982

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date: 01/01/1989

Closure:
EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: Closure Final - PUBLIC COMMENT (END)
Actual Date: 03/08/1989

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION

ALPHA RESINS (Continued) **1000238960**

Actual Date: 04/30/1990

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 12/28/1989

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: Closure Final - CLOSURE PLAN APPROVED
Actual Date: 06/21/1989

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: Closure Final - PUBLIC COMMENT (BEGIN)
Actual Date: 02/06/1989

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Unit Names: INCIN1, TANKSTR1
Event Description: Closure Final - CLOSURE PLAN RECEIVED
Actual Date: 02/19/1985

Alias:
EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000479385

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 401231

EPA Id: CAD059270975
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: TBD

NPDES:
Name: AOC LLC
Address: 19991 SEATON AVENUE
City,State,Zip: PERRIS, CA 92570
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: 8 33I001426
Regulatory Measure Type: Industrial

ALPHA RESINS (Continued) **1000238960**

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:	03/27/1992
Operator Name:	AOC LLC
Operator Address:	19991 Seaton Avenue
Operator City:	Perris
Operator State:	California
Operator Zip:	92570

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210684
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I001426
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/27/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	AOC LLC
Discharge Address:	19991 Seaton Avenue
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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

ALPHA RESINS (Continued) **1000238960**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210684
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	8 33I001426
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

ALPHA RESINS (Continued) **1000238960**

Processed Date:	03/27/1992
Status:	Active
Status Date:	03/27/1992
Place Size:	10
Place Size Unit:	Acres
Contact:	Juan Montalvo
Contact Title:	Environmental Health Safety Leader
Contact Phone:	951-943-9708
Contact Phone Ext:	Not reported
Contact Email:	jmontalvo@aoc-resins.com
Operator Name:	AOC LLC
Operator Address:	19991 Seaton Avenue
Operator City:	Perris
Operator State:	California
Operator Zip:	92570
Operator Contact:	JUAN MONTALVO
Operator Contact Title:	EHS Leader
Operator Contact Phone:	951-943-9708
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jmontalvo@aoc-resins.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:	Perris
Certifier:	JUAN MONTALVO
Certifier Title:	EHS LEADER
Certification Date:	05-MAR-15
Primary Sic:	2821-Plastics Material and Synthetic Resins, and Nonvulcanizable Elastomers
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

ALPHA RESINS (Continued) **1000238960**

Name:	AOC LLC
Address:	19991 SEATON AVENUE
City,State,Zip:	PERRIS, CA 92570
Facility Status:	Active
NPDES Number:	CAS000001
Region:	8
Agency Number:	0
Regulatory Measure ID:	210684
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	8 33I001426
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/27/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	19991 Seaton Avenue
Discharge Name:	AOC LLC
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	210684
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33I001426
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/27/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	AOC LLC
Discharge Address:	19991 Seaton Avenue
Discharge City:	Perris
Discharge State:	California
Discharge Zip:	92570
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

ALPHA RESINS (Continued) **1000238960**

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
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	8
Regulatory Measure ID:	210684
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported

ALPHA RESINS (Continued) **1000238960**

WDID:	8 33I001426
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:	03/27/1992
Status:	Active
Status Date:	03/27/1992
Place Size:	10
Place Size Unit:	Acres
Contact:	Juan Montalvo
Contact Title:	Environmental Health Safety Leader
Contact Phone:	951-943-9708
Contact Phone Ext:	Not reported
Contact Email:	jmontalvo@aoc-resins.com
Operator Name:	AOC LLC
Operator Address:	19991 Seaton Avenue
Operator City:	Perris
Operator State:	California
Operator Zip:	92570
Operator Contact:	JUAN MONTALVO
Operator Contact Title:	EHS Leader
Operator Contact Phone:	951-943-9708
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	jmontalvo@aoc-resins.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

ALPHA RESINS (Continued) **1000238960**

Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Perris
Certifier:	JUAN MONTALVO
Certifier Title:	EHS LEADER
Certification Date:	05-MAR-15
Primary Sic:	2821-Plastics Material and Synthetic Resins, and Nonvulcanizable Elastomers
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	AOC LLC
Address:	19991 SEATON AVENUE
City,State,Zip:	PERRIS, CA 92570
Agency:	AOC LLC
Agency Address:	19991 Seaton Avenue, Perris, CA 92570
Place/Project Type:	Industrial - Plastics Material and Synthetic Resins, and Nonvulcanizable Elastomers
SIC/NAICS:	2821
Region:	8
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	8 33I001426
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/27/1992
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:	33.83092
Longitude:	-117.26161

CERS:

Name:	AOC, LLC
Address:	19991 SEATON AVENUE
City,State,Zip:	PERRIS, CA 92570-8724
Site ID:	451612
CERS ID:	110000479385
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Public Contact
Entity Name:	JAMES EARL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported

ALPHA RESINS (Continued) **1000238960**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: JUAN F MONTALVO
Entity Title: ENVIRONMENTAL/SAFETY LEAD
Affiliation Address: 19991 SEATON AVE
Affiliation City: PERRIS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: AOC LLC
Address: 19991 SEATON AVENUE
City,State,Zip: PERRIS, CA 92570
Site ID: 526382
CERS ID: 205955
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 526382
Site Name: AOC LLC
Violation Date: 07-02-1999
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: AOC LLC
Entity Title: Operator
Affiliation Address: 19991 Seaton Avenue
Affiliation City: Perris
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92570
Affiliation Phone: Not reported

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18 **VAL VERDE ELEMENTARY SCHOOL ADDITION** **ENVIROSTOR** **S118756753**
SE **2656 INDIAN AVENUE** **SCH** **N/A**
1/2-1 **PERRIS, CA 92571**
0.976 mi.
5151 ft.

Relative: **Lower**
Actual: **1462 ft.**

ENVIROSTOR:
Name: VAL VERDE ELEMENTARY SCHOOL ADDITION
Address: 2656 INDIAN AVENUE
City,State,Zip: PERRIS, CA 92571-3210
Facility ID: 33820012
Status: No Action Required
Status Date: 10/13/2000

VAL VERDE ELEMENTARY SCHOOL ADDITION (Continued) **S118756753**

Site Code: 404158
Site Type: School Investigation
Site Type Detailed: School
Acres: 1
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.81987
Longitude: -117.2351
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: VAL VERDE ELEMENTARY SCHOOL ADDITION
Alias Type: Alternate Name
Alias Name: VAL VERDE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: VAL VERDE USD-VAL VERDE ELEM SCH
Alias Type: Alternate Name
Alias Name: 404158
Alias Type: Project Code (Site Code)
Alias Name: 33820012
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: 01/18/2002
Comments: CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 10/13/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/22/2000
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

VAL VERDE ELEMENTARY SCHOOL ADDITION (Continued) **S118756753**

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: VAL VERDE ELEMENTARY SCHOOL ADDITION
Address: 2656 INDIAN AVENUE
City,State,Zip: PERRIS, CA 92571-3210
Facility ID: 33820012
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404158
Assembly: 61
Senate: 31
Special Program Status: Not reported
Status: No Action Required
Status Date: 10/13/2000
Restricted Use: NO
Funding: School District
Latitude: 33.81987
Longitude: -117.2351
APN: NONE SPECIFIED
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: VAL VERDE ELEMENTARY SCHOOL ADDITION
Alias Type: Alternate Name
Alias Name: VAL VERDE UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: VAL VERDE USD-VAL VERDE ELEM SCH
Alias Type: Alternate Name
Alias Name: 404158
Alias Type: Project Code (Site Code)
Alias Name: 33820012
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: 01/18/2002
Comments: CRU Memo

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

VAL VERDE ELEMENTARY SCHOOL ADDITION (Continued) **S118756753**

Completed Document Type:	Phase 1
Completed Date:	10/13/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/22/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 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: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: N/A
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/04/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/13/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 14

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 57

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 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 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 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 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 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 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

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: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 07/02/2019
Date Data Arrived at EDR: 10/16/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 8
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 20
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
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: 04/11/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 58
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/27/2019
Date Data Arrived at EDR: 08/28/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 75
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Semi-Annually

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: 09/06/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
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: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 20

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/08/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/12/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/16/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 79

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/24/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 43

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/03/2019
Date Data Arrived at EDR: 06/04/2019
Date Made Active in Reports: 08/26/2019
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
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: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 59

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019
Date Data Arrived at EDR: 03/27/2019
Date Made Active in Reports: 04/30/2019
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/01/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/29/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
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: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 58

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 113

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/15/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 79

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/24/2019
Date Data Arrived at EDR: 06/26/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/08/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 12/30/2019
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: 12/31/2017
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 370

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 106

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/23/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 10/07/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/20/2019
Date Data Arrived at EDR: 06/20/2019
Date Made Active in Reports: 08/08/2019
Number of Days to Update: 49

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 12/16/2019
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: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/06/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 85

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2019
Next Scheduled EDR Contact: 01/19/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/21/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 82

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/15/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 11/20/2019
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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: 08/01/2019
Date Data Arrived at EDR: 08/27/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 76

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/27/2019
Next Scheduled EDR Contact: 12/09/2019
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/06/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 140

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

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: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 37

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/10/2019
Next Scheduled EDR Contact: 12/23/2019
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: 05/03/2019
Date Data Arrived at EDR: 06/05/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 90

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/10/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 07/06/2019
Date Data Arrived at EDR: 07/09/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 83
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/23/2019
Date Data Arrived at EDR: 09/24/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 43
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/24/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 68
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/28/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 55

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Annually

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: 08/28/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 09/27/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/18/2019
Next Scheduled EDR Contact: 12/30/2019
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: 07/19/2019
Date Data Arrived at EDR: 07/22/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 66

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/30/2019
Next Scheduled EDR Contact: 02/02/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/19/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/07/2019
Date Data Arrived at EDR: 10/08/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 30

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/08/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 07/19/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/13/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 64

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/12/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/16/2019
Date Data Arrived at EDR: 09/18/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
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: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 11/18/2019
Number of Days to Update: 90
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 08/20/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/11/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
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: 08/14/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 08/21/2019
Number of Days to Update: 7

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/22/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/09/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/01/2019
Number of Days to Update: 53
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2019
Next Scheduled EDR Contact: 03/09/2020
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: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 10/03/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/10/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 51

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
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: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/05/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/23/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/23/2019
Date Made Active in Reports: 10/22/2019
Number of Days to Update: 60

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 68

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 09/06/2019
Date Data Arrived at EDR: 09/12/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 49

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 07/11/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/08/2019
Date Data Arrived at EDR: 07/10/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 72

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 10/30/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 06/04/2018
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 63

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/16/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/12/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/26/2019
Date Data Arrived at EDR: 10/04/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 34

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 71

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/18/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/27/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/15/2019
Date Data Arrived at EDR: 07/17/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 19
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/22/2019
Date Data Arrived at EDR: 08/26/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 64

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 53

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/21/2019
Date Data Arrived at EDR: 09/03/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 58

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/25/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 09/30/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/23/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/07/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 63

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/09/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 61

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 08/06/2019
Date Made Active in Reports: 10/09/2019
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/05/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 61

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
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: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/20/2019
Number of Days to Update: 71

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/10/2019
Date Data Arrived at EDR: 07/11/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 74
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/16/2019
Next Scheduled EDR Contact: 12/30/2019
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: 08/06/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/07/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/08/2019
Number of Days to Update: 38
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/01/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/04/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 62

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 09/04/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/16/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 69

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/11/2019
Next Scheduled EDR Contact: 12/29/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/03/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/05/2019
Next Scheduled EDR Contact: 12/23/2019
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: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/14/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/18/2019
Number of Days to Update: 59

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/20/2019
Next Scheduled EDR Contact: 03/09/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 07/30/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 67

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/31/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/25/2019
Next Scheduled EDR Contact: 03/16/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/28/2019
Date Data Arrived at EDR: 08/30/2019
Date Made Active in Reports: 10/29/2019
Number of Days to Update: 60

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 06/18/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 07/24/2019
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 36

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/19/2019
Next Scheduled EDR Contact: 01/06/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 07/18/2019
Date Data Arrived at EDR: 07/18/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/28/2019
Next Scheduled EDR Contact: 01/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/29/2019
Date Data Arrived at EDR: 09/03/2019
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 64

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/28/2019
Next Scheduled EDR Contact: 12/16/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/19/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 08/12/2019
Date Data Arrived at EDR: 08/14/2019
Date Made Active in Reports: 10/17/2019
Number of Days to Update: 64

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/04/2019
Next Scheduled EDR Contact: 02/17/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/17/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/07/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 05/29/2019
Date Data Arrived at EDR: 07/29/2019
Date Made Active in Reports: 09/30/2019
Number of Days to Update: 63

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/21/2019
Next Scheduled EDR Contact: 02/03/2020
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/09/2019
Next Scheduled EDR Contact: 12/23/2019
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: 09/25/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 30

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/25/2019
Next Scheduled EDR Contact: 01/13/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 07/26/2019
Date Data Arrived at EDR: 07/31/2019
Date Made Active in Reports: 10/08/2019
Number of Days to Update: 69

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/14/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 08/05/2019
Number of Days to Update: 83

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2019
Next Scheduled EDR Contact: 02/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/02/2019
Next Scheduled EDR Contact: 01/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2019
Next Scheduled EDR Contact: 02/10/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/09/2019
Next Scheduled EDR Contact: 12/07/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/14/2019
Next Scheduled EDR Contact: 03/02/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/06/2019
Next Scheduled EDR Contact: 12/23/2019
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

RIDER & HARVILL SITE
NEC OF RIDER ST AND HARVILL AVE
PERRIS, CA 92570

TARGET PROPERTY COORDINATES

Latitude (North):	33.831963 - 33° 49' 55.07''
Longitude (West):	117.24832 - 117° 14' 53.95''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	477022.6
UTM Y (Meters):	3743358.5
Elevation:	1510 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641330 PERRIS, CA
Version Date:	2012
West Map:	5641324 STEELE PEAK, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

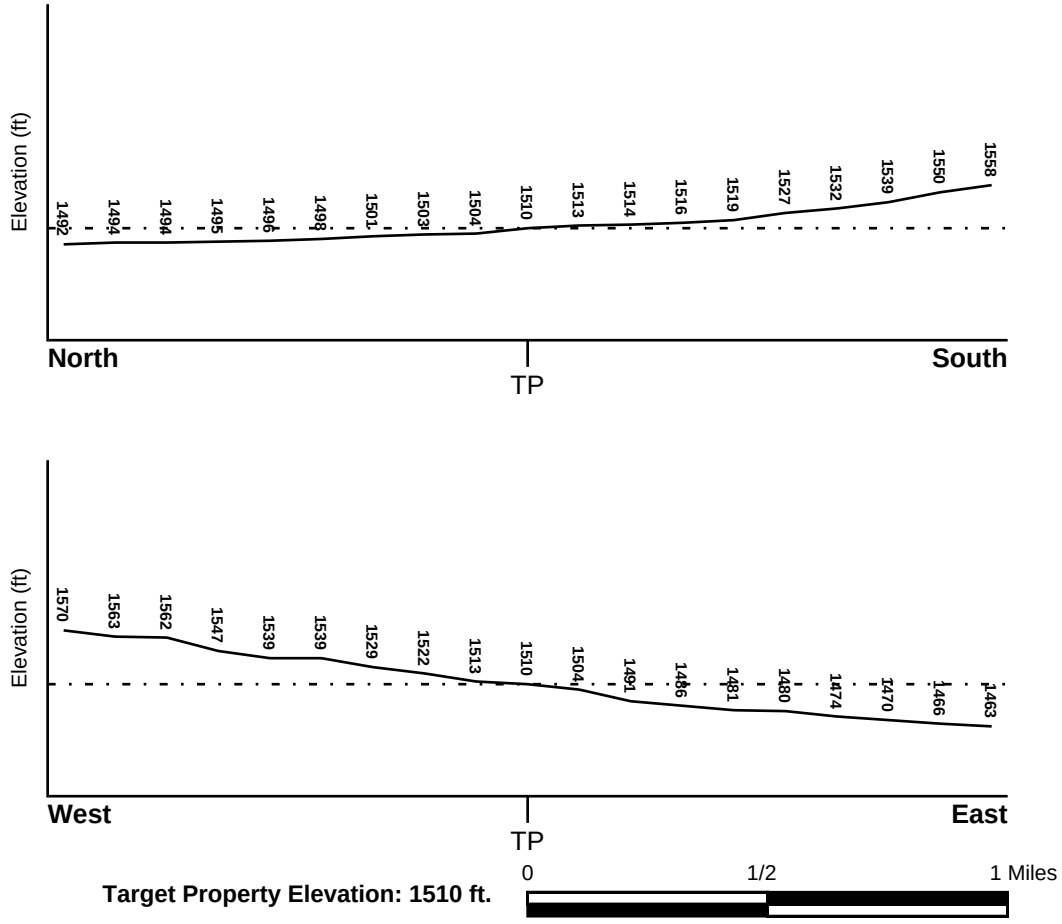
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 1510 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
06065C1430H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06065C1410G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	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
A1	1/2 - 1 Mile South	Not Reported
1G	1/2 - 1 Mile South	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

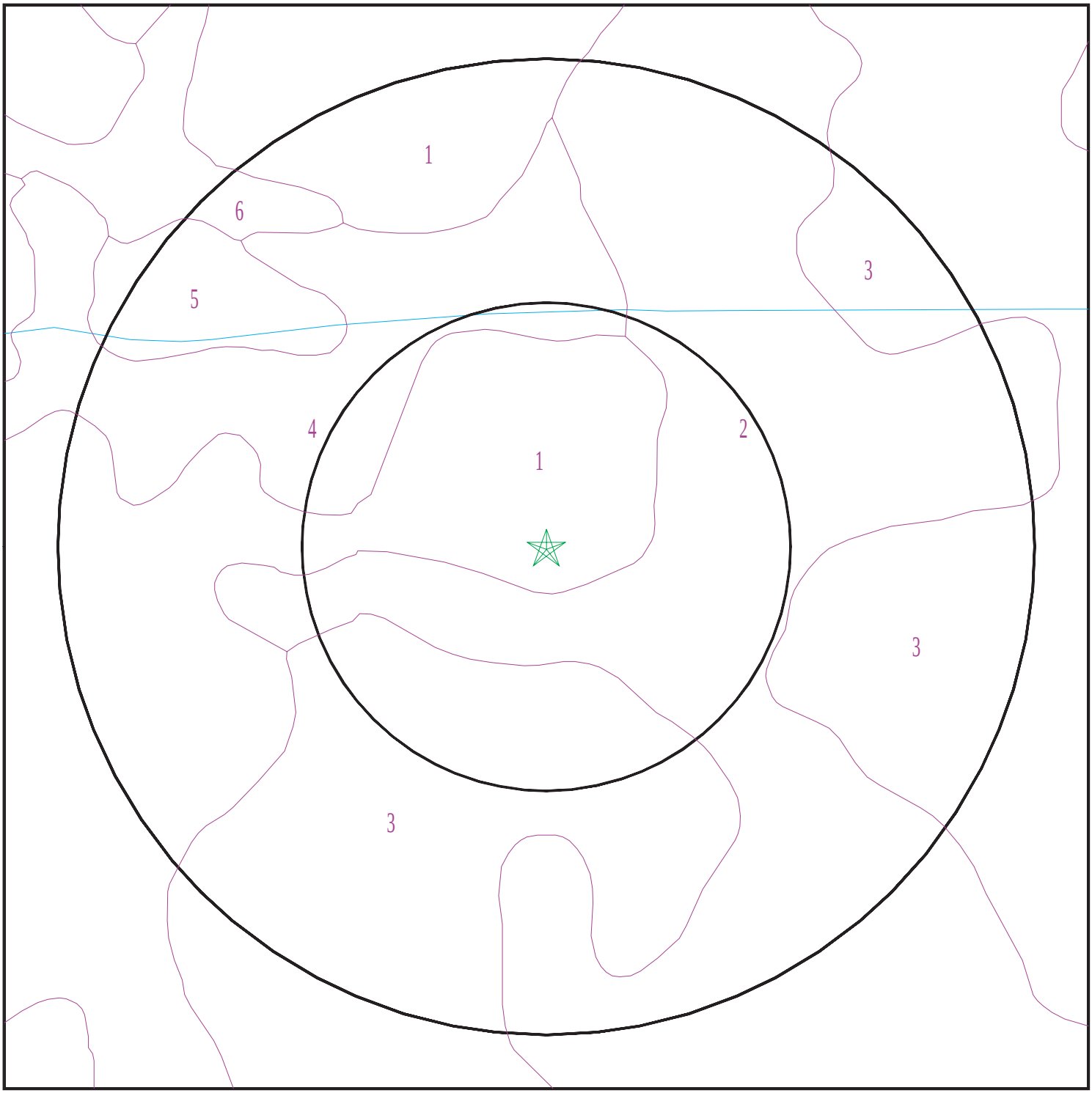
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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 - 5884780.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Rider & Harvill Site	CLIENT:	APEX Environmental
ADDRESS:	NEC of Rider St and Harvill Ave Perris CA 92570	CONTACT:	Tania Cowden
LAT/LONG:	33.831963 / -117.24832	INQUIRY #:	5884780.2s
		DATE:	November 26, 2019 3:23 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: 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	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

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		
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: GREENFIELD

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: Low

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	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 3

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

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	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: GREENFIELD

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

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	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 5

Soil Component Name: Gravel pits

Soil Surface Texture: very gravelly sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

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	5 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 6

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	27 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

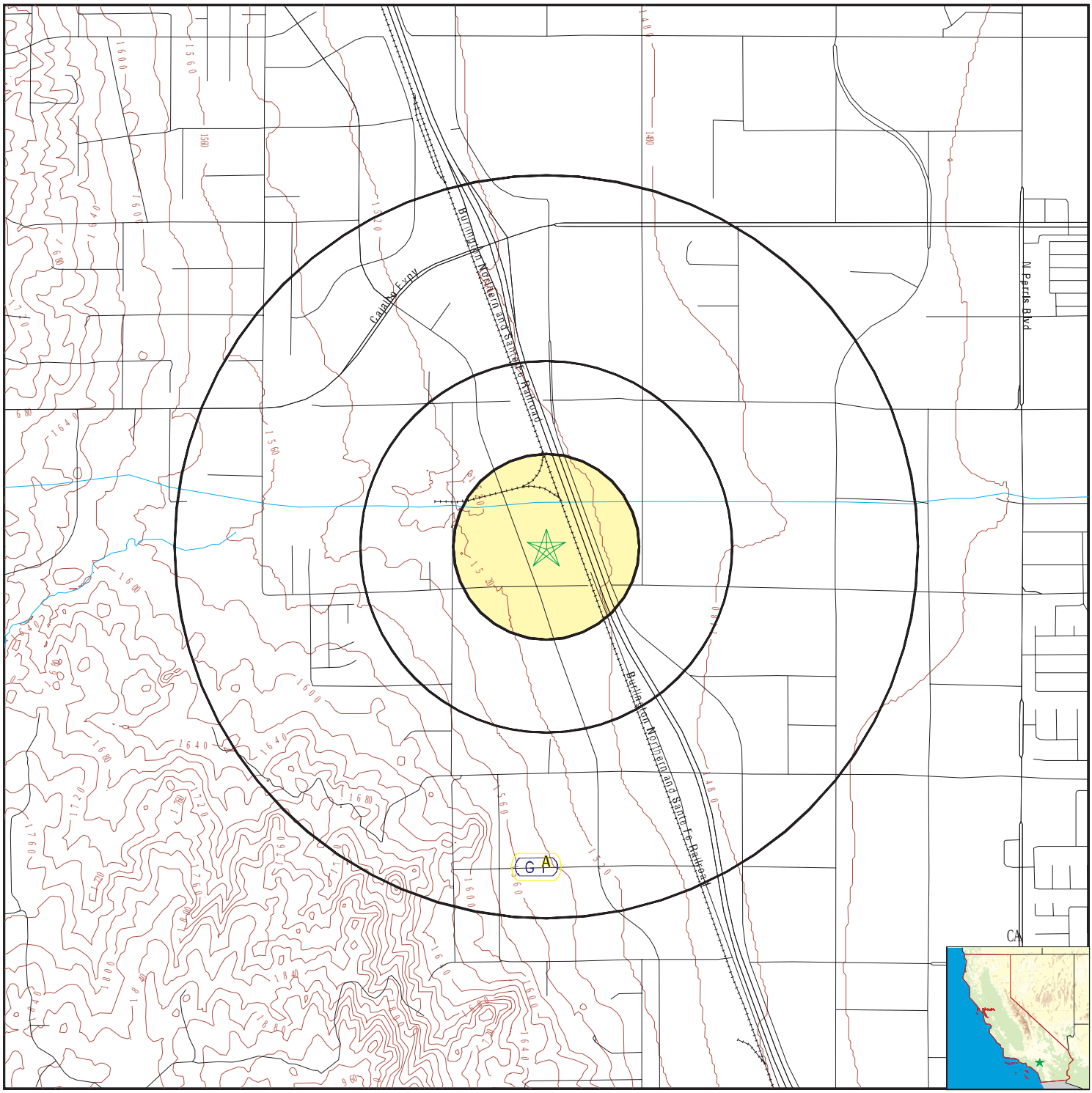
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5884780.2s



- 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:	Rider & Harvill Site	CLIENT:	APEX Environmental
ADDRESS:	NEC of Rider St and Harvill Ave Perris CA 92570	CONTACT:	Tania Cowden
LAT/LONG:	33.831963 / -117.24832	INQUIRY #:	5884780.2s
		DATE:	November 26, 2019 3:23 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
A1 **South** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083302019T Not Reported Not Reported Not Reported 100’ 05/15/1992	**AQUIFLOW**	**66414**
A2 **South** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083302019T Not Reported Not Reported Not Reported <100 05/15/1992	**AQUIFLOW**	**37864**
1G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083302019T Not Reported Not Reported Not Reported 100’ 05/15/1992	**AQUIFLOW**	**66414**
2G **South** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083302019T Not Reported Not Reported Not Reported <100 05/15/1992	**AQUIFLOW**	**37864**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92570	2	0

Federal EPA Radon Zone for RIVERSIDE County: 2

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 RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D

ENVIRONMENTAL LIEN AND ACTIVITY AND USE LIMITATION REPORT

Rider & Harvill Site
NEC of Rider St and Harvill Ave
Perris, CA 92570

Inquiry Number: 5884780.8
November 27, 2019

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

NEC of Rider St and Harvill Ave
Rider & Harvill Site
Perris, CA 92570

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Riverside Recorder
Riverside, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	Duke Realty Rider & Harvill LP
Title received from:	Perris Valley Prop
Deed Dated	7/31/2019
Deed Recorded:	8/5/2019
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Duke Realty Rider & Harvill LP
Parcel # / Property Identifier:	317170045, 317170024
Comments:	See Exhibit

Deed Exhibit 1

DOC # 2019-0293367
08/05/2019 12:42 PM Fees: $29.00
Page 1 of 6
Recorded in Official Records
County of Riverside
Peter Aldana
Assessor-County Clerk-Recorder

This document was electronically submitted to the County of Riverside for recording
Receipted by: LISA #580

RECORDING REQUESTED BY:
First American Title Company, National Commercial Services

AND WHEN RECORDED MAIL TO:
First American Title Insurance Company
Chicago National Commercial Services
30 North LaSalle Street, Suite 2700
Chicago, Illinois 60602
Attn: Melanie Dohr

MAIL TAX STATEMENTS TO:
Duke Realty LP
c/o Real Estate Tax Advisors LLC
P.O. Box 40509
Indianapolis, IN 46240

THIS SPACE FOR RECORDER'S USE ONLY:

APN#: 317-170-024 (TRA 098-068)
and 317-170-045 (TRA 098-046)

File No.: NCS-959754-CHI2

GRANT DEED

The Undersigned Grantor(s) Declare(s): DOCUMENTARY TRANSFER TAX $ 7,837.50 ; CITY TRANSFER TAX $ N/A ;

[X] computed on the consideration or full value of property conveyed, OR

[ ] computed on the consideration or full value less value of liens and/or encumbrances remaining at time of sale,

[X] unincorporated area; [ ] City of **Perris**, and

EXEMPT FROM BUILDING HOMES AND JOBS ACTS FEE PER GOVERNMENT CODE 27388.1(a)(2)

FOR A VALUABLE CONSIDERATION, RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED, **PERRIS VALLEY PROPERTIES, LLC**, a California limited liability company ("Grantor"), hereby grant to **DUKE REALTY RIDER & HARVILL LP**, a Delaware limited partnership ("Grantee") all of Grantor's right, title and interest in that certain real property in the City of Perris, County of Riverside, State of California, as more particularly described in Exhibit "A" attached hereto and made a part hereof.

This Deed and the conveyance hereinabove set forth is executed this 31st day of July 2019, by Grantor and accepted by Grantee, to be effective August 5, 2019, subject to those matters set forth on Exhibit "B", *incorporated by reference to this document, and apparent from an inspection or survey as of the date hereof.*

PLEASE SEE PAGE TWO FOR GRANTOR'S SIGNATURE.

MAIL TAX STATEMENTS TO PARTY SHOWN BELOW; IF NO PARTY SHOWN, MAIL AS DIRECTED ABOVE:

GRANT DEED - PAGE TWO
GRANTOR SIGNATURE:

PERRIS VALLEY PROPERTIES, LLC,
a California limited liability company

By: _____
Name: William R. Cramer, Jr.
Title: Manager

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of _____)

On August _____, 2019, before me, _____,
(insert name of notary)
Notary Public, personally appeared William R. Cramer, Jr., who 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 the same in his authorized capacity, and that by his signature on the instrument he executed the instrument on behalf of the limited liability company.

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 (SEE ATTACHED) (Seal)

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of RIVERSIDE }

On JULY 31, 2019 before me, MARK D. JACOBS, NOTARY PUBLIC,
(Here insert name and title of the officer)

personally appeared WILLIAM R. CRAMER, JR.,
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.

Notary Public Signature (Notary Public Seal)

NCC1 MARK D. JACOBS Commission No. 2204175 NOTARY PUBLIC-CALIFORNIA SAN BERNARDINO COUNTY My Comm. Expires JULY 31, 2021 NCC1

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages ____ Document Date____

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
- ☐ Corporate Officer

(Title)

- ☐ Partner(s)
- ☐ Attorney-in-Fact
- ☐ Trustee(s)
- ☐ Other ____

2015 Version www.NotaryClasses.com 800-873-9865

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he~~/she/~~they,~~ is /~~are~~) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
  - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - ❖ Indicate title or type of attached document, number of pages and date.
  - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

EXHIBIT "A"
LEGAL DESCRIPTION

The Land referred to herein below is situated in an Unincorporated Area in the County of Riverside, State of California, and is described as follows:

PARCEL A:

THAT PORTION OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 4 SOUTH, RANGE 4 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF, DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION, DISTANT 7 CHAINS NORTH FROM THE SOUTHWEST CORNER OF SAID QUARTER SECTION; THENCE EAST ON THE NORTH LINE OF THE TRACT OF LAND CONVEYED BY CHARLES B. BULLOCK AND WIFE TO JOHN B. CONRAD AND GEORGE C. KENNARD, BY DEED RECORDED IN BOOK 4 PAGE 104 OF DEEDS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, 1,807.96 FEET MORE OR LESS TO THE CENTERLINE OF THE CALIFORNIA SOUTHERN RAILWAY RIGHT OF WAY; THENCE NORTHWESTERLY ON THE CENTERLINE OF SAID RIGHT OF WAY TO THE NORTH LINE OF SAID SOUTHEAST QUARTER OF SAID SECTION 12; THENCE WEST ON THE NORTH LINE OF SAID SOUTHEAST QUARTER OF SAID SECTION 12 TO THE NORTHWEST CORNER OF SAID SOUTHEAST QUARTER; THENCE SOUTH ON THE WEST LINE OF SAID SOUTHEAST QUARTER TO THE POINT OF BEGINNING;

EXCEPT THAT PORTION LYING NORTHERLY OF THE SOUTHERLY LINE OF THE PARCEL DESCRIBED BY DEED TO METROPOLITAN WATER DISTRICT EXECUTED BY ANNA PIRCH, A WIDOW, UNDER DATE OF JUNE 1, 1933 AND RECORDED JUNE 15, 1933 IN BOOK 125 PAGE 487 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;

ALSO EXCEPT THAT PORTION OF RAILROAD RIGHT OF WAY;

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF AS CONVEYED TO THE COUNTY OF RIVERSIDE BY DEED RECORDED AUGUST 4, 1992 AS INSTRUMENT NO. 287672 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF AS CONVEYED TO THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA, A PUBLIC CORP., BY DEED RECORDED MAY 2, 1994 AS INSTRUMENT NO. 181561 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

ALSO EXCEPTING THEREFROM THAT PORTION DESCRIBED IN A DEED RECORDED JUNE 27, 2001 AS INSTRUMENT NO. 2001-293960 OF OFFICIAL RECORDS, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA.

TOGETHER WITH THAT PORTION DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE NORTHERLY LINE OF THE LAND DESCRIBED BY DEED TO SUNNY CAL RANCH CORPORATION, RECORDED AUGUST 20, 1965 AS INSTRUMENT NO. 96612 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, AND THE SOUTHWESTERLY CORNER OF THE ATCHISON, TOPEKA AND SANTA FE RAILROAD RIGHT OF WAY; THENCE WESTERLY, ON THE NORTHERLY LINE OF SAID LAND, DESCRIBED TO THE SUNNY CAL RANCH CORPORATION, 361. 94 FEET; THENCE SOUTH 00° 06' 00" WEST, 462.00 FEET TO THE SOUTHERLY LINE OF SAID SECTION 12; THENCE EASTERLY ON THE

SOUTHERLY LINE OF SAID SECTION 12, TO THE SOUTHEASTERLY PROLONGATION OF THE NORTHEASTERLY LINE OF SAID LAND DESCRIBED TO THE SUNNY CAL RANCH CORPORATION;

THENCE NORTHWESTERLY, ON THE NORTHEASTERLY LINE OF SAID LAND DESCRIBED TO THE SUNNY CAL RANCH CORPORATION, TO THE POINT OF BEGINNING;

EXCEPTING THEREFROM THAT PORTION THEREOF AS CONVEYED TO THE COUNTY OF RIVERSIDE BY DEED RECORDED AUGUST 4, 1992 AS INSTRUMENT NO. 287672 OF OFFICIAL RECORDS OF RIVERSIDE COUNTY, CALIFORNIA;

ALSO EXCEPTING THEREFROM THAT PORTION THEREOF LYING WITHIN RIDER STREET.

THE ABOVE LEGAL DESCRIPTION IS PURSUANT TO THAT CERTIFICATE OF PARCEL MERGER NO. 01960 RECORDED FEBRUARY 22, 2016 AS INSTRUMENT NO. 2016-0068285 OF OFFICIAL RECORDS.

PARCEL B:

PARCEL 1 OF PARCEL MAP NO. 24737, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, AS PER MAP FILED IN BOOK 177 PAGES 85 AND 86, OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

For conveyancing purposes only: APN
317-170-045-2 (Affects Parcel A)
317-170-024-3 (Affects Parcel B)

EXHIBIT "B"

PERMITTED EXCEPTIONS

1. General and special taxes and assessments for the fiscal year 2019-2020, a lien not yet due or payable.

2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. Rights reserved by the United States as set out in document recorded September 22, 1891, in Book 6, Page 474 of Patents, records of San Diego County, California.

4. Easement recorded July 30, 1968, as Instrument No. 1968-73664 of the Official Records.

5. Easement recorded August 24, 1973, as Instrument No. 1973-111833 of the Official Records.

6. Restricted Access Rights as shown on Parcel Map No. 24737 on file in Book 177, Page 85, Riverside County Parcel Maps (affects Parcel B).

7. Document recorded October 29, 1992 as Instrument No. 1992-410163 of Official Records.

8. Easement recorded November 05, 1992 as Instrument No. 1992-422791 of Official Records.

9. Bond Reduction Agreement recorded March 13, 1997 as Instrument No. 1997-83819 of Official Records.

10. Memorandum of Agreement recorded June 29, 1998 as Instrument No. 1998-265761 of Official Records as affected by that certain Memorandum of Amendment to Communications Site Lease Agreement (Ground) recorded January 25, 2005 as Instrument No. 2005-0067526 of Official Records.

11. An agreement or covenant, if any, to hold the land as one parcel contained in that certain Certificate of Parcel Merger No. 01960 recorded February 22, 2016 as Instrument No. 2016-0068285 of Official Records.

12. Traffic Signalization Mitigation Agreement recorded October 29, 1992 as Instrument No. 1992-410161 of Official Records.

13. Water rights, claims or title to water, whether or not shown by the public records.

14. Rights of tenants, as tenants only, under unrecorded leases.

Official Records shall mean those records officially recorded with the Clerk of Court, San Diego County, California.

APPENDIX E
RELEVANT ENVIRONMENTAL DOCUMENTS

Apex Companies, LLC
3478 Buskirk Avenue, Suite 100 • Pleasant Hill, CA 94523
P: (925) 944-2856 • F: (925) 944-2859

June 28, 2019

Mr. Michael Weber
Duke Realty
200 Spectrum Center Drive, Suite 1600
Irvine, CA 92618

Subject: **Rider Street Phase II Investigation Report**
23840 Rider Street
Perris, California

Dear Mr. Weber:

On behalf of Duke Realty (Duke), Apex Companies, LLC (Apex) has completed a Phase II Investigation at the property located at 23840 Rider Street in Perris, California (Site), as shown on **Figure 1** in **Attachment 1**. Apex recently prepared a Phase I Environmental Site Assessment (Phase I ESA) for the Site, dated February 11, 2019 (Apex 2019). Apex identified several recognized environmental conditions (RECs) on the Site. Based on the identification of these RECs, Apex recommended conducting a Phase II investigation. A proposal to conduct the Phase II investigation was provided to Duke on May 15, 2019 outlining the scope of work. This letter summarizes the work performed and the results of the investigation.

BACKGROUND

The Site is comprised of two parcels consisting of undeveloped agricultural land on the northern portion of the Site and a former grain milling operation on the southern portion of the Site as shown in **Figure 2**. Apex identified several Recognized Environmental Concerns (RECs) during the Phase I ESA of the Site. These included the identification of former underground storage tanks (USTs) and petroleum-contaminated soil remaining in-place underneath a former dispenser island on the southern side of the Site, a truck repair bay in one of the Site buildings, an undocumented soil mound in the northern field, former agricultural use, and two railroad sidings on the Subject Property (**Figure 2**; Apex 2019). Staining was also observed on the asphalt in the former truck repair bay that serviced vehicles, tractors, and other equipment. Given the identified RECs, a Phase II investigation was proposed to assess soil conditions in these areas. In addition, an asbestos containing material (ACM) and lead-based paint (LBP) survey and sampling was conducted to assess building materials in anticipation of demolition and redevelopment. The ACM/LBP results will be provided in a separate report.

Two 10,000-gallon diesel USTs located near the former fuel dispenser island on the south side of the property were removed in June 1998. In July 1999, one soil boring was drilled at the former dispenser area to a depth of 60 feet below ground surface (bgs) with samples analyzed every 5 feet. Total petroleum hydrocarbons as diesel (TPHd) was detected in all soil samples except at 55 feet bgs with a maximum concentration of 20,000 milligrams per kilogram (mg/kg) at 40 feet bgs. Low levels of TPH as gasoline (TPHg), toluene, ethylbenzene, xylenes and methyl tert-butyl ether (MtBE) were also detected in soil

samples collected from these boreholes (RCDEH 2000a). A subsequent investigation conducted in December 1999 included four 60-foot borings and one 100-foot boring were drilled around the former dispenser island to evaluate the lateral extent of the impacts. All soil samples analyzed were non-detect except for one sample at 5 feet bgs which contained 16 micrograms per kilogram (µg/kg) xylene and 26 µg/kg MtBE (RCDEH 2000a).

Based upon the results of these prior investigations, diesel impacts are present from 45 feet bgs to the surface with concentrations ranging from 2,900 mg/kg to 20,000 mg/kg with the lateral extent of impacts extending less than 20-foot around the former dispenser area. The Riverside County Department of Environmental Health (RCDEH) issued a case closure without requiring remediation based on: low levels of gasoline constituents; the depth of contamination not posing a threat to groundwater (groundwater depth is greater than120-feet bgs); and the proposed capping of contaminated soil with asphalt and concrete (RCDEH 2000a; RCDEH 2000b).

The following sections outline the scope of work that was performed during the Phase II Investigation and the results and recommendations.

Pre-field Activities

Prior to the start of field work, a Health and Safety Plan was prepared that complied with Federal (29 CFR, Section 1910.120) and State (8 CCR, Section 5192) requirements. The Health and Safety Plan presents a review of the planned activities and the safety precautions required to ensure the safety of workers, the public and the environment.

A Site visit was performed to mark the proposed soil boring locations and to conduct a private utility survey on May 28, 2019 by SubSurface Surveys & Associates, Inc. As required by the State of California, Underground Service Alert of Southern California (DigAlert) was notified (Ticket # B191410322). Prior to drilling Apex ensured that all USA service members had either marked their buried utilities or provided a 'no-conflict' verification.

No drilling permits or other permits were required for this scope of work.

Phase II Investigation

Soil samples were collected from 17 boring locations as shown on **Figure 2**. All soil boring locations were hand cleared with a 3.25-inch-diameter hand auger to a maximum depth of 5 feet-bgs to clear any subsurface obstructions. Soil was logged in the field in general accordance with ASTM method D4288 and field-screened for volatile organic compounds (VOCs) using a hand-held photo-ionization detector (PID). Soil lithology generally consisted of a silty sand or sandy silt from the surface to the depths explored of 20 feet-bgs. Groundwater was not encountered during this investigation. Boring logs are provided as **Attachment 2**.

A GeoProbe direct-push technology drill rig was used to advance three (3) soil borings to 20 feet-bgs around the former USTs and dispenser island and two (2) soil borings to 10 feet-bgs in the former truck repair bay. A four (4) point composite soil sample was collected at a depth of 1 foot-bgs from the soil mound. The remaining eight (8) borings were advanced using a hand auger to approximately 5 feet-bgs. These included six (6) borings in the former agricultural areas and two (2) borings along the side of the railroad tracks. Soil samples were collected at approximately 0.5, 2, and 5 feet-bgs for the remaining eight borings. The samples from 2 and 5 feet-bgs were placed on hold at the laboratory pending results of the

shallow sample (0.5-feet-bgs). The sampling matrix used to collect and analyze soil samples is included as **Attachment 3**.

Soil samples were logged onto a chain-of-custody manifest and placed on ice in an insulated cooler once collected. The samples were transported to American Analytics, a State of California-certified analytical laboratory located in Chatsworth, California and analyzed on a 5-day turnaround time. The samples were analyzed as follows:

- Former UST and dispenser area: SB-01 to SB-03 – TPH by EPA Method 8015, VOCs by EPA Method 8260, and metals by EPA Method 6010/7471;
- Truck repair area: SB-04 and SB-05 – TPH by EPA Method 8015 and VOCs by EPA Method 8260;
- Two railroad sidings: SB-06 and SB-07 – organochlorine herbicides by EPA Method 8151, metals by EPA Method 6010/7471, semi-VOCs (SVOCs) by EPA Method 8270C, and polychlorinated biphenyls (PCBs) by EPA Method 8082;
- Former agricultural land: SB-08 to SB-13 – organochlorine pesticides by EPA Method 8081, organo-phosphorous pesticides by EPA Method 8141, chlorinated herbicides by EPA Method 8151, and metals by EPA Methods 6010/7471; and
- Soil mound: SB-14 – TPH by EPA Method 8015, metals by EPA Method 6010/7471, VOCs by EPA Method 8260, and SVOCs by EPA Method 8270C.

Investigation derived waste (IDW) generated onsite included soil cuttings from the borings. IDW was stored in a 55-gallon steel drum located on the north side of the Former Truck Repair Bay. Samples of the IDW were collected and analyzed as required for proper disposal.

PHASE II INVESTIGATION RESULTS

Laboratory analytical results are summarized on **Tables 1 through 3** provided in **Attachment 4** with the laboratory report included as **Attachment 5**. The results were compared to the U.S. Environmental Protection Agency Regional soil screening levels (USEPA RSL) for commercial/industrial settings and the California Department of Toxic Substances Control recommended screening levels (DTSC SLs) for soil in commercial/industrial settings.

Total Petroleum Hydrocarbons (TPH)

Total petroleum hydrocarbons are defined as carbon chains in the range of C6 to C44. For the purpose of this report, the TPH range is divided into the following ranges (SFRWQCB 2019):

- C6-C12: Gasoline range
- C10-C24: Diesel Range
- C24-C36: Lubricating/Motor Oil Range

The reported TPH concentrations in **Table 1** do not exceed applicable screening levels. Soil samples from borings SB-01 through SB-03, located near the former diesel USTs, contained low concentrations of TPH C28-C32 ranging from 1.0 mg/kg in SB-01-10, next to the former fuel dispenser, to 10.9 mg/kg in SB-02-10 on the east side of the former USTs.

Soil samples collected from borings SB-04 and SB-05, located within the Former Truck Service Bay, had slightly more TPH detections in C20-C36 range with a maximum concentration of 39 mg/kg for C26-C28 in

SB- 04 at 5 feet-bgs, located in the south side of the Former Truck Service Bay (**Table 1**). These detections are well below applicable screening levels.

Volatile Organic Compounds (VOCs) and Semi-Volatile Organic Compounds (SVOCs)

As shown on **Table 1**, VOCs were not detected in all soil samples analyzed except for sample SB-04 at 5 feet-bgs which contained 110 µg/kg acetone, well below the applicable screening levels. As shown in **Table 2**, SVOCs were also not detected in all soil samples analyzed.

Polychlorinated Biphenyls (PCBs)

PCBs were analyzed in the shallow soil samples (0.5 feet-bgs) collected from the two borings located near the railroad sidings (SB-06 and SB-07). PCB was not detected in any of the samples analyzed.

Metals

As shown in **Table 2**, metals detected in soil samples were below the applicable screening levels. The reported concentrations are within the range of background concentrations found in Southern California (Kearney Foundation 1996).

Pesticides and Herbicides

Analysis for organochlorine pesticides was performed on soil samples collected from the agricultural field (SB-08 through SB-13). As shown in **Table 3**, all detections are below the screening levels for both USEPA and DTSC.

The common organochlorine pesticide compound 4,4' dichlorodiphenyltrichloroethane (DDT) was detected in shallow soil samples (0.5 feet-bgs) in borings SB-08, SB-09, SB-11 and SB-13. DDT was reported at a maximum concentration of 0.0070 mg/kg in samples SB-11 and SB-13, well below the USEPA RSL of 8.5 mg/kg and the DTSC SL of 7.1 mg/kg.

The DDT degradation byproduct 4,4'-dichlorodiphenyldichloroethylene (DDE) was detected in all shallow soil samples collected from all six borings. The maximum DDE concentration was reported in sample SB- 08 at 0.086 mg/kg, also well below its USEPA RSL and DTSC SL of 9.3 mg/kg.

Aldrin is a common pesticide that was banned in 1987 and is quickly broken down by sunlight and bacteria into a more stable byproduct dieldrin. Dieldrin breaks down very slowly over time which is why it's prevalent in the environment. Dieldrin was detected in two borings, SB-09 and SB- 11, at a maximum concentration of 0.0033 mg/kg, which is well below its USEPA RSL of 0.14 mg/kg and its DTSC SL of 0.093 mg/kg.

Organophosphorus pesticides and chlorinated herbicides were not detected in any of the soil samples.

CONCLUSIONS AND RECOMMENDATIONS

Comparison of the soil sample analytical results to the USEPA and DTSC screening levels show that the Site is suitable for commercial development. Low detections of TPH compounds does not indicate a major spill or leak in the areas of the Former Truck Service Bay or the former USTs. Detections of trace concentrations of DDT, DDE, and dieldrin are consistent with the past agricultural use of the property and would not be expected to pose a health risk for construction or commercial workers. Metals concentrations also do not exceed USEPA and DTSC screening levels for commercial use and appear to be consistent with background metals concentrations in soil for this region.

Based on the results of this investigation, Apex recommends that no action be taken at this time.

CLOSING

Apex appreciates the opportunity to provide Duke with environmental consulting services. Should you have any questions about the scope of work, the results, conclusions, or any other issues, please call us at (925) 951-6380.

Sincerely,

Apex Companies, LLC



Paisha Jorgensen, P.G.
Principal Geologist

Katelyn Lazar
Scientist

Attachments:

Attachment 1	Figure 1 Site Location Map
	Figure 2 Boring Location Map
Attachment 2	Boring Logs
Attachment 3	Field Sampling Matrix
Attachment 4	Table 1 Soil Analytical Data – TPH and VOCs
	Table 2 Soil Analytical Data – Metals
	Table 3 Soil Analytical Data – Pesticides
Attachment 5	Laboratory Analytical Report

REFERENCES

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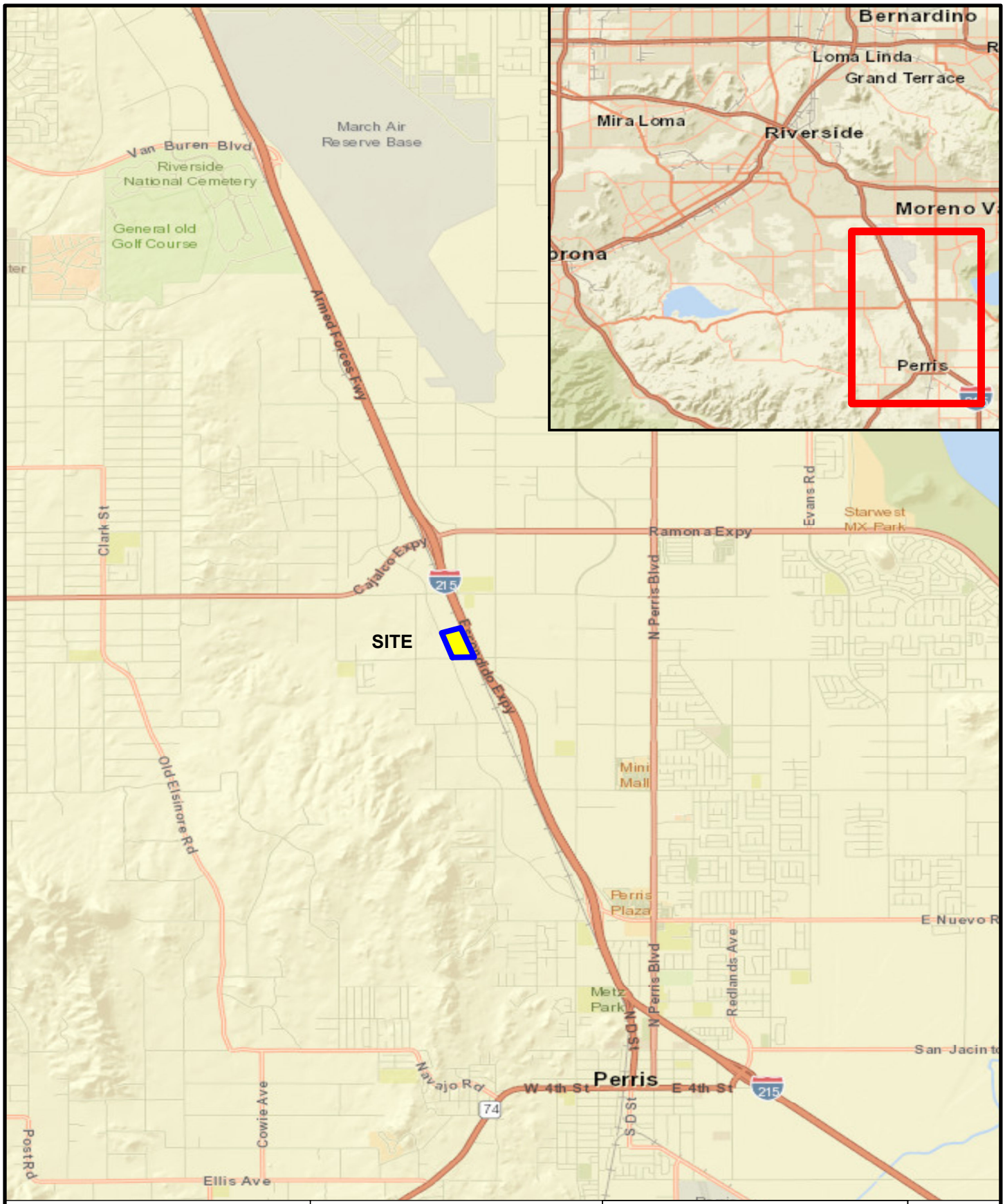
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RCDEH. 2000b. No further action letter: underground storage tank cleanup at McAnally Enterprise located at 23480 Rider St. in Perris, CA. Site #: 99-15151. Hazardous Materials Management Division. Riverside County Department of Environmental Health. Available at: https://geotracker.waterboards.ca.gov/regulators/deliverable_documents/9853986442/Closure%20Letter.pdf

SFRWQCB. 2019. User's guide: derivation and application of environmental screening levels (ESLs). San Francisco Bay Regional Water Quality Control Board. California State Water Resources Control Board.

ATTACHMENT 1

Figures



APEX
3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

SUBJECT PROPERTY
23840 RIDER STREET
PERRIS, CA

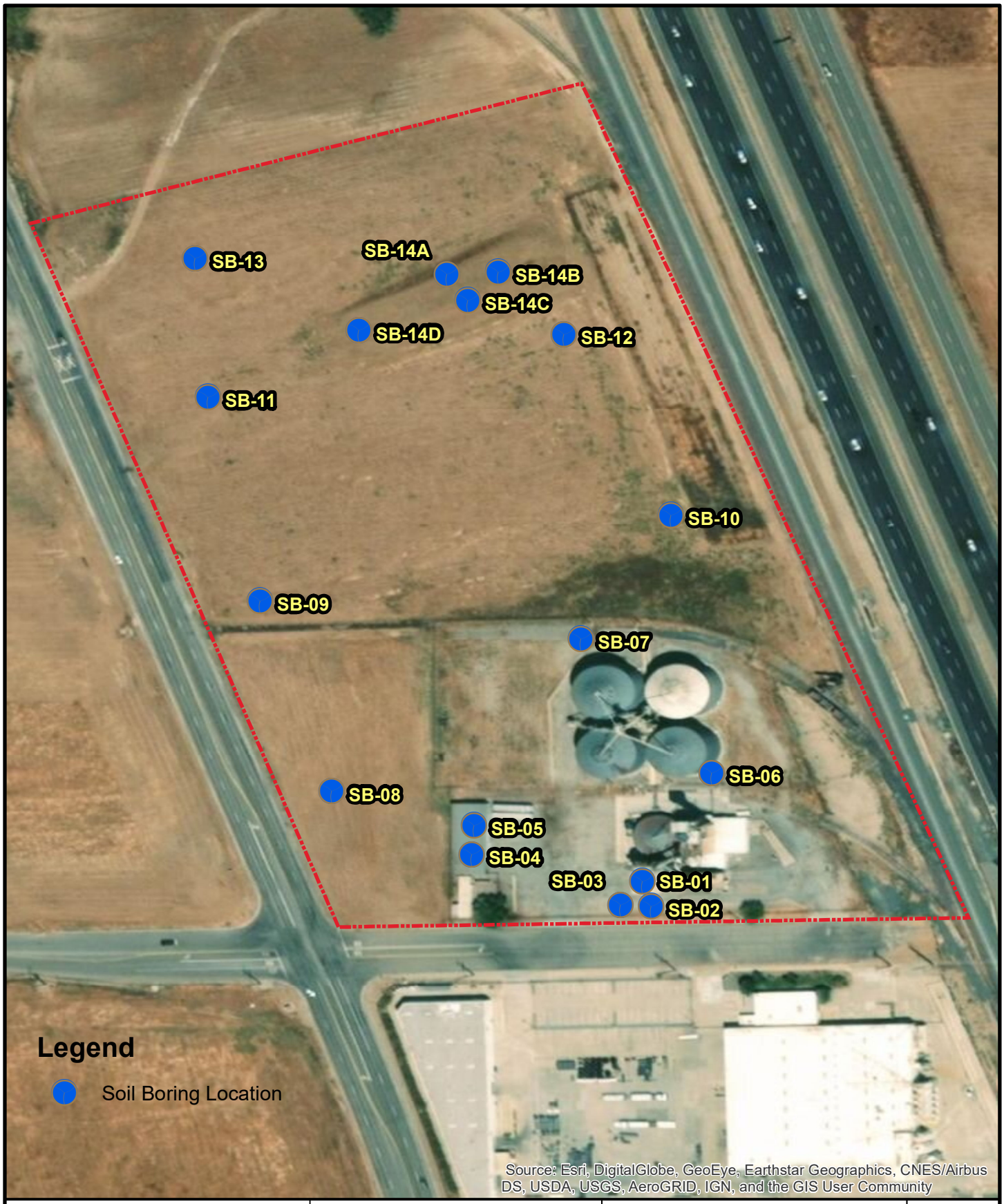
PROJECT NO.	DATE	DR. BY	APP. BY
093-DUKE-015	06/12/2019	KL	PG

SITE LOCATION MAP

N W E S

0 0.25 0.5 1 1.5 2 Miles

FIGURE 1



APEX
3478 BUSKIRK AVENUE, SUITE 100
PLEASANT HILL, CA 94523

SUBJECT PROPERTY
23840 RIDER STREET
PERRIS, CA

PROJECT NO.	DATE	DR. BY	APP. BY
093-DUKE-015	06/13/2019	KL	PG

SOIL BORING LOCATION MAP

0 75 150 300 Feet

N W E S

FIGURE 2

ATTACHMENT 2

Boring Logs

Apex Companies, LLC				BORING/WELL ID: **SB-01**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Former UST Dispenser Location			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Direct Push Drilling			
SAMPLING METHOD:	TerraCores & GeoProbe Sleeves	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 13:00	**FINISH DATE/ TIME**	5/29/2019 13:45	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	20 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs; 2.25" to 20 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
13:00		100			0		Concrete 3". *Poorly-graded gravel (GP)* - (100,0,0,0) - loose, subangular gravel with a diameter up to 2".	
		100			1		*Sandy silt (ML)* - (5,40,55,0) - dark yellowish brown (10YR 4/4), moist, loose, low plasticity silt mixed with well-graded, fine to medium grained sand and trace gravel up to 1" diameter.	
		100			2			
		100			3			
		100			4			
		100	2.3		5			
					6			
		100			7			
					8			
			0.9		9			SB-01-10
13:20					10			
		100			11			
					12			
			0.5		13		Increasing sand content.	
					14			
		100			15		*Well-graded sand with silt (SW-SM)* - (0,85,15,0) - light yellowish brown (10YR 4/3), moist, dense, fine to coarse grained sand mixed with silt.	
					16			
			2.5		17			
		100			18		*Silty sand (SM)* - (0,70,30,0) - light yellowish brown (10YR 4/3), moist, loose, well-graded, fine to coarse grained sand mixed with non-plastic silt.	
			2.0		19			SB-01-20
13:30					20		**End of boring at 20 ft-bgs.** **No groundwater encountered. Backfilled with #8 bentonite crumbles.**	

APEX	Apex Companies, LLC	BORING/WELL ID: **SB-02**

PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA	**Project No.**	093-DUKE-015.1
BORING LOCATION (AT SITE):	Former UST Location - East Side	**Logged By:**	Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Direct Push Drilling		
SAMPLING METHOD:	TerraCores & Sleeves	**MONITORING DEVICE:**	PID: MiniRAE 3000
START DATE/ (TIME):	5/29/2019 12:35	**FINISH DATE/ TIME**	5/29/2019 13:10
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	20 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 4 ft-bgs; 2.25" to 20 ft-bgs

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
12:35		100			0		*Well-graded gravel with silt and sand (GW-GM)* - (40,50,10,0) - dark brown (10YR 3/3), dry, loose, subangular gravel up to 1" diameter mixed with fine-grained sand and silt.	
		100			1		*Silty sand (SM)* - (0,70,30,0) - dark yellowish brown (10YR 4/6), moist, loose, poorly-graded, fine-grained sand mixed with silt and abundant mica.	
		100			2			
		100			3			
12:40		100	0.0		4			
					5			
					6			
		40			7			
					8			
			0.0		9			SB-02-10
12:45								
12:47			0.1		10		*Well-graded sand (SW)* - (0,100,0,0) - brown (10YR 5/3), moist, loose, medium to very coarse grained sand.	
					11			
		50			12			
					13			
12:55			0.0		14			
					15		*Silty sand with gravel (SM)* - (15,60,25,0) - brown (10YR 5/3), moist, dense, well-graded, fine to coarse grained sand mixed with silt and fine, subangular gravel up to 0.25" diameter.	
		100			16			
			0.2		17			
					18			
		100			19			SB-02-20
13:10			0.0					
					20		**End of boring at 20 ft-bgs.** **No groundwater encountered. Backfilled with #8 bentonite crumbles.**	

Apex Companies, LLC				BORING/WELL ID: **SB-03**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Former UST Location - West Side			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Direct Push Drilling			
SAMPLING METHOD:	TerraCores & Sleeves	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 13:40	**FINISH DATE/ TIME**	5/29/2019 14:15	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	20 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 4 ft-bgs; 2.25" to 20 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
13:40		100 100			0		*Well-graded gravel with sand (GW)* - (75,25,0,0) - loose gravel up to 1" diameter mixed with fine-grained sand	
		100 100			1		*Silty sand (SM)* - (5,70,25,0) - dark yellowish brown (10YR 3/6), moist, loose, well-graded, fine to medium grained sand mixed with low plasticity silt and trace gravel.	
		100 100	0.0		2			
		100 100			3			
			1.0		4			
					5			
					6			
		33			7		*Well-graded sand (SW)* - (0,95,5,0) - yellowish brown (10YR 5/4), moist, loose, fine to coarse grained sand mixed with trace silt.	
					8			
			2.3		9			SB-03-10
13:45					10			
					11			
		46			12			
					13			
			0.7		14			
					15			
		100			16			
			1.5		17		*Silt with sand (ML)* - (0,15,85,0) - yellowish brown (10YR 5/4), moist, low plasticity silt mixed with fine-grained sand.	
					18			
		100			19		*Silty sand (SM)* - (05,70,20,0) - yellowish brown (10YR 5/4), moist, dense, well-graded, medium to coarse grained sand mixed with non-plastic silt and trace gravel.	SB-03-20
14:00			1.6					
					20		**End of boring at 20 ft-bgs.** **No groundwater encountered. Backfilled with #8 bentonite crumbles.**	

APEX	Apex Companies, LLC		BORING/WELL ID: **SB-04**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA		**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Truck Repair Area - South Side		**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Direct Push Drilling		
SAMPLING METHOD:	TerraCores & Sleeves	**MONITORING DEVICE:**	PID: MiniRAE 3000
START DATE/ (TIME):	5/29/2019 15:10	**FINISH DATE/ TIME**	5/29/2019 16:20
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	10 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 3 ft-bgs; 2.25" to 10 ft-bgs

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
15:10		100			0		Asphalt 3"	
		100			0.5		*Sandy silt (ML)* - (0,35,65,0) - dark brown (10YR 3/3), moist, loose, low plasticity silt mixed with poorly-graded, fine-grained sand.	
		100	0.0		1			
		100			1.5			
		100			2			
		100	0.1		2.5			
		40			3			
					3.5			
					4			
			1.3		4.5			SB-04-5
15:25		50			5		Compact.	
					5.5		Very compact.	
		50			6		*Silty sand (SM)* - (0,75,25,0) - yellowish brown (10YR 5/4), moist, very stiff, well-graded, fine to coarse grained sand mixed with non-plastic silt.	
15:42			1.5		6.5			
		0			7		No recovery. Used spike to push through extremely stiff soil to 8.25 ft-bgs.	
					7.5			
					8			
		80			8.5		*Sandy silt (ML)* - (0,40,60,0) - yellowish brown (10YR 5/4), dry, very stiff silt mixed with poorly-graded, fine-grained sand.	
					9			
16:15			1.0		9.5			SB-04-10
					10		**End of boring at 10 ft-bgs. No groundwater encountered. Backfilled with #8 bentonite crumbles.**	

Apex Companies, LLC				BORING/WELL ID: **SB-05**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Truck Repair Area - North Side			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Direct Push Drilling			
SAMPLING METHOD:	TerraCores & Sleeves	**MONITORING DEVICE:**		PID: MiniRAE 3000
START DATE/ (TIME):	5/29/2019 14:15	**FINISH DATE/ TIME**		5/29/2019 15:00
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**		--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**		--
TOTAL BORING DEPTH(S):	10 ft-bgs	**BORING DIAMETER/DEPTH:**		3.25" to 3 ft-bgs; 2.25" to 10 ft-bgs

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
14:15		100			0		Asphalt 3"	
		100			0.5		*Silt with sand (ML)* - (0,25,75,0) - dark brown (10YR 3/3), moist, loose, low to medium plasticity silt mixed with fine-grained sand.	
		100	0.0		1			
		100			1.5			
		100			2			
		100	1.0		2.5		*Sandy silt (ML)* - (0,40,60,0) - dark brown (10YR 3/3), moist, loose, low plasticity silt mixed with well-graded fine to medium grained sand.	
					3			
		50			3.5			
					4		*Silt with sand (ML)* - (0,25,75,0) - dark brown (10YR 3/3), moist, medium stiff, non-plastic silt mixed with fine to medium grained sand.	
14:30			1.6		4.5			SB-05-5
					5		*Silt with sand (ML)* - (0,15,75,5) - dark brown (10YR 3/3), moist, medium stiff, low plasticity silt mixed with fine to coarse grained sand.	
		72			5.5			
					6			
					6.5		*Silty sand (SM)* - (0,55,25,10) - dark brown (10YR 3/3), moist, dense, low to medium plasticity silt mixed with fine to coarse grained sand.	
14:37			1.2		7			
					7.5			
		60			8			
					8.5		*Sandy silt (ML)* - (0,40,60,0) - dark brown (10YR 3/3), moist, stiff, low plasticity silt mixed with fine to coarse grained sand.	
					9			
14:55					9.5			SB-05-10
					10		**End of boring at 10 ft-bgs. No groundwater encountered. Backfilled with #8 bentonite crumbles.**	

Apex Companies, LLC				BORING/WELL ID: **SB-06**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Railroad Siding - South Tracks			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: TerraCores & Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 11:45	**FINISH DATE/ TIME**	5/29/2019 12:00	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
11:45		100			0		*Silty gravel (GM)* - (75,10,15,0) - dry, compact gravel up to 1.5" diameter mixed with silt.	SB-06-0.5
		100	0.0		0.5		*Silty sand (SM)* - (5,60,35,0) - brown (10YR 4/4), moist, loose, non-plastic silt mixed with fine-grained sand.	
		100			1			
		100			1.5			SB-06-2
11:50		100			2			
		100	0.0		2.5			
		100			3			
		100			3.5			
		100			4		*Well-graded sand (SW)* - (0,95,5,0) - brown (10YR 4/4), moist, loose, fine to medium grained sand.	
12:00		100			4.5			SB-06-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-07**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Railroad Siding - North Tracks			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: TerraCores & Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):		**FINISH DATE/ TIME**		
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
11:10		100			0		*Well-graded gravel with sand (GW)* - (70,30,0,0) - loose, subangular gravel up to 1.5" diameter mixed with fine to coarse grained sand.	SB-07-0.5
		100	0.0		0.5		*Well-graded sand with silt (SW-SM)* - (5,80,10,0) - yellowish brown (10YR 5/4), moist, loose, fine to coarse grained sand mixed with silt, trace gravel, and abundant mica.	
11:20		100			1			
11:25		100	0.0		1.5			SB-07-2
		100			2		*Silt with sand (ML)* - (0,15,85,0) - yellowish brown (10YR 5/4), moist, loose, non-plastic silt mixed with poorly-graded, fine-grained sand and mica.	
		100			2.5			
		100			3			
		100			3.5			
		100			4			
11:35		100	0.1		4.5		*Sandy silt (ML)* - (0,30,70,0) - yellowish brown (10YR 5/4), moist, loose, medium plasticity silt mixed with very fine-grained sand and abundant mica.	SB-07-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-08**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Former Agricultural Land - West Side of Silos			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 10:00	**FINISH DATE/ TIME**	5/29/2019 10:07	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
10:00		100			0		*Sandy Silt (ML)* - (0,40,60,0) - brown (10YR 4/4), dry, loose, low plasticity silt mixed with fine-grained sand and abundant mica.	SB-08-0.5
		100			0.5			
		100			1			
		100			1.5			
10:02			0.0					SB-08-2
		100			2			
		100			2.5		*Silty sand (SM)* - (0,65,35,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with silt and mica.	
		100			3			
		100			3.5			
		100			4			
10:07		100	0.0		4.5			SB-08-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-09**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Former Agricultural Land - SW Side of Ag Plot, N of Tracks			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 9:40	**FINISH DATE/ TIME**	5/29/2019 9:50	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED (gravel, sand, silt, clay)	Grab Sampling Locations
9:40		100			0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), dry, loose, poorly-graded, fine-grained sand mixed with low plasticity silt and abundant mica.	SB-09-0.5
		100			0.5			
		100	0.0		1			
		100			1.5			SB-09-2
9:45		100			2		*Silty sand (SM)* - (0,70,30,0) - brown (10YR4/4), moist, loose, well-graded, fine to coarse grained sand mixed with silt and mica.	
		100			2.5			
		100			3			
		100			3.5		Very compact.	
		100	0.0		4			
9:50		100			4.5			SB-09-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-10**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Former Agricultural Land - E Side of Ag Plot, N of Tracks			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 10:15	**FINISH DATE/ TIME**	5/29/2019 10:25	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
10:15		100			0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), dry, loose, well-graded, fine to coarse grained sand mixed with low plasticity silt and abundant mica.	SB-10-0.5
		100	0.0		0.5			
		100			1			
		100			1.5			SB-10-2
10:20		100			2			
		100			2.5			
		100			3			
		100			3.5			
		100	0.0		4			
10:25		100			4.5		*Silty sand (SM)* - (0,70,30,0) - brown (10YR4/4), moist, loose, well-graded, fine to coarse grained sand mixed with silt and mica.	SB-10-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

APEX	Apex Companies, LLC	BORING/WELL ID: **SB-11**

PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA	**Project No.**	093-DUKE-015.1
BORING LOCATION (AT SITE):	Former Agricultural Land - W Side of Ag Plot	**Logged By:**	Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger		
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000
START DATE/ (TIME):	5/29/2019 8:45	**FINISH DATE/ TIME**	5/29/2019 8:55
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
8:45		100			0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with low plasticity silt and abundant mica.	SB-11-0.5
		100	0.0		0.5			
		100			1			
		100			1.5			SB-11-2
8:48		100			2			
		100			2.5			
		100			3			
		100	0.0		3.5			
		100			4			
8:55		100			4.5			SB-11-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

APEX	Apex Companies, LLC		BORING/WELL ID: **SB-12**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA		**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Former Agricultural Land - E Side of Ag Plot, S of Soil Mound		**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger		
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000
START DATE/ (TIME):	5/29/2019 10:28	**FINISH DATE/ TIME**	5/29/2019 10:32
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
10:28					0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with low plasticity silt and abundant mica.	SB-12-0.5
					0.5			
					1			
					1.5			SB-12-2
10:30					2		*Silty sand (SM)* - (0,75,25,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with low plasticity silt and abundant mica.	
					2.5			
					3			
					3.5			
					4			
10:32					4.5		Well-graded sand (SW) - (0,95,5,0) - yellowish brown (10YR 5/4), moist, loose, fine to coarse grained sand.	SB-12-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

APEX	Apex Companies, LLC	BORING/WELL ID: **SB-13**

PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA	**Project No.**	093-DUKE-015.1
BORING LOCATION (AT SITE):	Former Agricultural Land - N Side of Ag Plot, NW of Soil Mound	**Logged By:**	Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger		
SAMPLING METHOD:	Grab:Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000
START DATE/ (TIME):	5/29/2019 10:50	**FINISH DATE/ TIME**	5/29/2019 10:55
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
10:50		100			0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), moist, loose, well-graded, fine to medium grained sand mixed with silt and abundant mica.	SB-13-0.5
		100	0.0		0.5			
		100			1			
		100			1.5			SB-13-2
10:53		100	0.0		2			
		100			2.5			
		100			3			
		100			3.5			
		100			4			
10:55		100	0.0		4.5			SB-13-5
					5		**End of boring at 5 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-14A**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Soil Mound - North Side			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: TerraCores & Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 8:30	**FINISH DATE/ TIME**	5/29/2019 8:32	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
		100	0.0		0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with silt and abundant mica.	
8:31		100			0.5			SB-14-1A
					1		**End of boring at 1 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					1.5			
					2			
					2.5			
					3			
					3.5			
					4			
					4.5			
					5			
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-14B**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Soil Mound - East Side			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 8:32	**FINISH DATE/ TIME**	5/29/2019 8:33	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
8:32		100	0.0		0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with silt and abundant mica.	
8:33		100			0.5			SB-14-1B
					1		**End of boring at 1 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					1.5			
					2			
					2.5			
					3			
					3.5			
					4			
					4.5			
					5			
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-14C**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Soil Mound - South Side			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):		**FINISH DATE/ TIME**		
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	5 ft-bgs	**BORING DIAMETER/DEPTH:**	3.25" to 5 ft-bgs	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
		100	0.0		0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with silt and abundant mica.	
		100			0.5			SB-14-1C
					1		**End of boring at 1 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					1.5			
					2			
					2.5			
					3			
					3.5			
					4			
					4.5			
					5			
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

Apex Companies, LLC				BORING/WELL ID: **SB-14D**
PROJECT NAME AND ADDRESS:	Rider Street; 23840 Rider St, Perris, CA			**Project No.** 093-DUKE-015.1
BORING LOCATION (AT SITE):	Soil Mound - South Side			**Logged By:** Katelyn Lazar
CONTRACTOR AND EQUIPMENT:	J&H Drilling; Hand Auger			
SAMPLING METHOD:	Grab: Glass Jars	**MONITORING DEVICE:**	PID: MiniRAE 3000	
START DATE/ (TIME):	5/29/2019 8:35	**FINISH DATE/ TIME**	5/29/2019 8:38	
FIRST WATER (BGS):	--	**STABILIZED WATER LEVEL:**	--	
SURFACE ELEVATION:	--	**CASING TOP ELEVATION:**	--	
TOTAL BORING DEPTH(S):	1 ft-bgs	**BORING DIAMETER/DEPTH:**	howhow	

Date/Time	Sample Interval	Recovery (%)	PID (ppm)	Water-level	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION (classification, color, moisture, density, grain size/plasticity, other) ALL PERCENTAGES ARE APPROXIMATE UNLESS OTHERWISE STATED	Grab Sampling Locations
8:35		100	0.0		0		*Silty sand (SM)* - (0,60,40,0) - brown (10YR 4/4), moist, loose, well-graded, fine to coarse grained sand mixed with silt and abundant mica.	
8:38		100			0.5			SB-14-1D
					1		**End of boring at 1 ft-bgs.** **No groundwater encountered.** **Backfilled with soil cuttings.**	
					1.5			
					2			
					2.5			
					3			
					3.5			
					4			
					4.5			
					5			
					5.5			
					6			
					6.5			
					7			
					7.5			
					8			
					8.5			
					9			
					9.5			
					10			

ATTACHMENT 3

Field Sampling Matrix

Phase II Investigaiton Sampling Matrix
23840 Rider Street
Perris, California

Boring Location	Sample ID	Approximate Sample Depth	CAM 17 Metals 6010B/7471A	TPHd/mo 8015M	VOCs 8260B	SVOCs 8270C	PCBs 8082	Chlorinated Herbicides 8151	OCPs 8081	Organophos-phorus Pesticides 8141	HOLD	Notes
SB-01	SB-01-10	**10**	X	X	X							UST
	SB-01-20	**20**	X	X	X							
SB-02	SB-02-10	**10**	X	X	X							UST
	SB-02-20	**20**	X	X	X							
SB-03	SB-03-10	**10**	X	X	X							UST
	SB-03-20	**20**	X	X	X							
SB-04	SB-04-5	**5**		X	X							Truck Repair
	SB-04-10	**10**		X	X							
SB-05	SB-05-5	**5**		X	X							Truck Repair
	SB-05-10	**10**		X	X							
SB-06	SB-06-0.5	**0.5**	X			X	X	X				RR Siding
	SB-06-2	**2**									X	
	SB-06-5	**5**									X	
SB-07	SB-07-0.5	**0.5**	X			X	X	X				RR Siding
	SB-07-2	**2**									X	
	SB-07-5	**5**									X	
SB-08	SB-08-0.5	**0.5**	X					X	X	X		Ag Field
	SB-08-2	**2**									X	
	SB-08-5	**5**									X	
SB-09	SB-09-0.5	**0.5**	X					X	X	X		Ag Field
	SB-09-2	**2**									X	
	SB-09-5	**5**									X	
SB-10	SB-10-0.5	**0.5**	X					X	X	X		Ag Field
	SB-10-2	**2**									X	
	SB-10-5	**5**									X	
SB-11	SB-11-0.5	**0.5**	X					X	X	X		Ag Field
	SB-11-2	**2**									X	
	SB-11-5	**5**									X	
SB-12	SB-12-0.5	**0.5**	X					X	X	X		Ag Field
	SB-12-2	**2**									X	
	SB-12-5	**5**									X	
SB-13	SB-13-0.5	**0.5**	X					X	X	X		Ag Field
	SB-13-2	**2**									X	
	SB-13-5	**5**									X	
SB-14	SB-14-1A	**1**	X	X	X	X						Have lab composite these four samples then analyze
	SB-14-1B	**1**	X	X		X						
	SB-14-1C	**1**	X	X		X						
	SB-14-1D	**1**	X	X		X						

ATTACHMENT 4

Tables

Table 1
Soil Analytical Data - TPH and VOCs
23840 Rider Street
Perris, California

Sample Location	Sample ID	Sample Date	Sample Depth	TPH by USEPA Method 8015M															VOCs by USEPA Method 8260B
				C6-C8	C8-C10	C10-C12	C12-C14	C14-C16	C16-C18	C18-C20	C20-C22	C22-C24	C24-C26	C26-C28	C28-C32	C32-C34	C34-C36	C36-C40	C40-C44	
			(feet bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(µg/kg)
USEPA Regional Screening Levels - Industrial Soil				*420*			*440*						*33,000*						*Varies*
SFBRWQCB ESL Direct Exposure - Construction Worker				*1,800*			*1,100*						*54,000*						*Varies*
SB-01	SB-01-10	5/29/2019	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0	ND
	SB-01-20	5/29/2019	20	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0	**1.4**	<1.0	<1.0	<1.0	<1.0	ND
SB-02	SB-02-10	5/29/2019	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**10.9**	<1.0	<1.0	<1.0	<1.0	ND
	SB-02-20	5/29/2019	20	<1.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<1.0	**3.3**	<1.0	**1.4**	**2.6**	**1.1**	**2.0**	**5.3**	<1.0	ND
SB-03	SB-03-10	5/29/2019	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<1.0	<1.0	<1.0	<1.0	ND
	SB-03-20	5/29/2019	20	<1.0	<1.0	<1.0	<1.0	**1.3**	<1.0	<1.0	**3.9**	**7.2**	**4.6**	**2.1**	**1.5**	<1.0	<1.0	<1.0	<1.0	ND
SB-04	SB-04-5	5/29/2019	5	<1.0	**2.0**	**1.4**	<1.0	**3.5**	**4.5**	<1.0	**9.7**	**25**	**35**	**39**	**34**	**3.0**	**1.1**	**1.3**	<1.0	ND / **110** Acetone[1]
	SB-04-10	5/29/2019	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**4.8**	**10**	**6.8**	**8.6**	**9.1**	**1.7**	**1.2**	<1.0	<1.0	ND
SB-05	SB-05-5	5/29/2019	5	<1.0	**1.5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.1**	**2.8**	**8.6**	**3.7**	**3.9**	**9.7**	<1.0	ND
	SB-05-10	5/29/2019	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.5**	**2.4**	**1.0**	**1.0**	<1.0	<1.0	ND
SB-14A	SB-14A-1	5/29/2019	1	<1.0	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.8**	<1.0	<1.0	<1.0	<1.0	ND

Notes:

TPH = total petroleum hydrocarbons

VOCs = volatile organic compounds

bgs = below ground surface

mg/kg = milligram per kilogram

µg/kg = microgram per kilogram

<1.0 = not detected above indicated laboratory reporting limit

Detections in **bold** are above laboratory reporting limits

ND = not detected above the laboratory reporting limit for each compound. For a complete list of analytes and reporting limits, see the laboratory reports.

[1] The RSL and ESL for acetone are 670,000,000 µg/kg and 250,000,000 µg/kg , respectively.

References:

USEPA. Regional Screening Levels - Generic Tables (TR=1E-06, HQ=1). USEPA Office of Research Development. National Center for Environmental Assessment, May 2019.

SFBRWQCB ESL Values represent San Francisco Bay Regional Water Control Board Environmental Screening Levels for Direct Exposure Human Health - Construction Worker Scenario , January 2019.

Table 2
Soil Analytical Data - Metals
23840 Rider Street
Perris, California

Sample Location	Sample ID	Sample Date	Sample Depth	Metals by USEPA Method 6010B/7470A																
				Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
			(feet bgs)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
USEPA RSLs for Commercial/Industrial Soil				*470*	*11**	*220,000*	*2,300*	*980*	*NV*	*350*	*47,000*	*800*	*46*	*5,800*	*11,000*	*5,800*	*5,800*	*NV*	*5,800*	*350,000*
DTSC SLs for Commercial/Industrial Soil				*NV*	*11**	*NV*	*230*	*780*	*NV*	*NV*	*NV*	*320*	*4.4*	*NV*	*11,000*	*NV*	*NV*	*NV*	*NV*	*NV*
SB-01	SB-01-10	5/29/2019	10	<10	**1.5**	**270**	<1.0	<1.0	**11**	**19**	<3.0	**5.2**	<0.020	<5.0	**8.6**	<0.50	<1.0	<5.0	**43**	**24**
	SB-01-20	5/29/2019	20	<10	**1.6**	**230**	<1.0	<1.0	**19**	**9.2**	<3.0	**3.2**	<0.020	<5.0	**7.3**	<0.50	<1.0	<5.0	**54**	**34**
SB-02	SB-02-10	5/29/2019	10	<10	<0.50	**120**	<1.0	<1.0	**11**	**6.6**	<3.0	<3.0	<0.020	<5.0	**5.5**	<0.50	<1.0	<5.0	**36**	**28**
	SB-02-20	5/29/2019	20	<10	**3.5**	**450**	<1.0	<1.0	**56**	**25**	<3.0	**11**	<0.020	<5.0	**21**	<0.50	<1.0	<5.0	**16**	**100**
SB-03	SB-03-10	5/29/2019	10	<10	<0.50	**120**	<1.0	<1.0	**12**	**7.0**	<3.0	<3.0	<0.020	<5.0	**7.4**	<0.50	<1.0	<5.0	**35**	**32**
	SB-03-20	5/29/2019	20	<10	**0.82**	**160**	<1.0	<1.0	**17**	**8.8**	<3.0	**3.1**	<0.020	<5.0	**7.3**	<0.50	<1.0	<5.0	**52**	**34**
SB-06	SB-06-0.5	5/29/2019	0.5	<10	**0.88**	**200**	<1.0	<1.0	**11**	<3.0	**7.5**	**5.8**	<0.020	<5.0	**5.2**	<0.50	<1.0	<5.0	**21**	**92**
SB-07	SB-07-0.5	5/29/2019	0.5	<10	<0.50	**240**	<1.0	<1.0	**12**	**5.4**	**6.6**	**15**	<0.020	<5.0	**4.8**	<0.50	<1.0	<5.0	**38**	**310**
SB-08	SB-08-0.5	5/29/2019	0.5	<10	**1.3**	**140**	<1.0	<1.0	**12**	**6.6**	<3.0	**6.2**	<0.020	<5.0	**5.3**	<0.50	<1.0	<5.0	**34**	**31**
SB-09	SB-09-0.5	5/29/2019	0.5	<10	**1.3**	**95**	<1.0	<1.0	**12**	**6.9**	<3.0	**6.3**	**0.021**	<5.0	**5.9**	<0.50	<1.0	<5.0	**33**	**29**
SB-10	SB-10-0.5	5/29/2019	0.5	<10	**0.89**	**110**	<1.0	<1.0	**14**	**7.3**	<3.0	**4.1**	<0.020	<5.0	**6.8**	<0.50	<1.0	<5.0	**36**	**31**
SB-11	SB-11-0.5	5/29/2019	0.5	<10	<0.50	**83**	<1.0	<1.0	**11**	**6.5**	<3.0	**5.4**	<0.020	<5.0	**5.5**	<0.50	<1.0	<5.0	**30**	**27**
SB-12	SB-12-0.5	5/29/2019	0.5	<10	**1.1**	**98**	<1.0	<1.0	**11**	**5.9**	<3.0	**5.9**	<0.020	<5.0	**5.3**	<0.50	<1.0	<5.0	**28**	**26**
SB-13	SB-13-0.5	5/29/2019	0.5	<10	**1.1**	**100**	<1.0	<1.0	**13**	**6.7**	<3.0	**5.4**	<0.020	<5.0	**5.8**	<0.50	<1.0	<5.0	**34**	**31**
SB-14**	SB-14	5/29/2019	1	<10	<0.50	**200**	<1.0	<1.0	**15**	**9.0**	<3.0	**3.8**	<0.020	<5.0	**6.2**	<0.50	<1.0	<5.0	**46**	**36**

Notes:

USEPA = U.S. Environmental Protection Agency

bgs = below ground surface

mg/kg = milligram per kilogram

USEPA RSLs = U.S. Environmental Protection Agency Regional Screening Levels (USEPA 2019)

DTSC SLs = Department of Toxic Substances Control Screening Levels (DTSC 2019)

<2.0 = not detected at reporting limit of 2.0 mg/kg

Detections in **bold** are above reporting limits

* = Natural arsenic background concentration for Southern California (Kearney 1996)

** = SB-14 was composited from SB-14A,B,C, and D.

References:

USEPA. 2019. Regional Screening Levels - Generic Tables (TR=1E-06, HQ=1). USEPA Office of Research Development. National Center for Environmental Assessment. May.
DTSC. 2019. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC SLs). Human and Ecological Risk Office (HERO). April.
Kearney Foundation of Soil Science. 1996. Background concentrations of trace and major elements in California soils.

Table 3
Soil Analytical Data - Organochlorine Pesticides
23840 Rider Street
Perris, California

Sample Location	Sample Date	Sample Depth (feet bgs)	USEPA Method 8081A/8082				
			4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Dieldrin (mg/kg)	Other Organochlorine Pesticides (mg/kg)
USEPA RSLs for Commercial/Industrial Soil			*9.6*	*9.3*	*8.5*	*0.14*	*Varies*
DTSC SLs for Commercial/Industrial Soil			*6.2*	*9.3*	*7.1*	*0.093*	*Varies*
SB-08-0.5	5/29/2019	0.5	<0.0040	**0.086**	**0.0053**	<0.0020	ND
SB-09-0.5	5/29/2019	0.5	<0.0040	**0.042**	**0.0047**	**0.0033**	ND
SB-10-0.5	5/29/2019	0.5	<0.0040	**0.012**	<0.0040	<0.0020	ND
SB-11-0.5	5/29/2019	0.5	<0.0040	**0.038**	**0.0070**	**0.0032**	ND
SB-12-0.5	5/29/2019	0.5	<0.0040	**0.019**	<0.0040	<0.0020	ND
SB-13-0.5	5/29/2019	0.5	<0.0040	**0.051**	**0.0070**	<0.0020	ND

Notes:

USEPA = U.S. Environmental Protection Agency

bgs = below ground surface

mg/kg = milligram per kilogram

USEPA RSLs = U.S. Environmental Protection Agency Regional Screening Levels (USEPA 2019)

DTSC SLs = Department of Toxic Substances Control Screening Levels (DTSC 2019)

<0.0040 = not detected at reporting limit shown

Detections in **bold** are above reporting limits

ND = not detected above the laboratory reporting limit for each compound. For a complete list of analytes and reporting limits, see the laboratory reports.

References:

DTSC. 2019. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC SLs). Human and Ecological Risk Office (HERO). April.

USEPA. 2019. Regional Screening Levels - Generic Tables (TR=1E-06, HQ=1). USEPA Office of Research Development. National Center for Environmental Assessment. May.

ATTACHMENT 5

Laboratory Analytical Report

AMERICAN ANALYTICS

9765 Eton Avenue
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Tel: (818) 998-5547
Fax: (818) 998-7258

June 10, 2019

Paisha Jorgensen

The Source Group, Inc. (PH)

3478 Buskirk Ave., Suite 100

Pleasant Hill, CA 94523

Re : Rider Street / 093-DUKE-015.1

A596227 / 9E30003

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 05/30/19 18:07 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytics.

Sincerely,



Viorel Vasile

Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
8081A OCPs					
SB-08-0.5	9E30003-17	Soil	7	05/29/19 10:00	05/30/19 18:07
SB-09-0.5	9E30003-20	Soil	7	05/29/19 09:40	05/30/19 18:07
SB-10-0.5	9E30003-23	Soil	7	05/29/19 10:15	05/30/19 18:07
SB-11-0.5	9E30003-26	Soil	7	05/29/19 08:45	05/30/19 18:07
SB-12-0.5	9E30003-29	Soil	7	05/29/19 10:28	05/30/19 18:07
SB-13-0.5	9E30003-32	Soil	7	05/29/19 10:50	05/30/19 18:07
8082 PCBs					
SB-06-0.5	9E30003-11	Soil	7	05/29/19 11:45	05/30/19 18:07
SB-07-0.5	9E30003-14	Soil	7	05/29/19 11:10	05/30/19 18:07
8260B/5035 +OXY+TPHG					
SB-01-10	9E30003-01	Soil	7	05/29/19 13:20	05/30/19 18:07
SB-01-20	9E30003-02	Soil	7	05/29/19 13:30	05/30/19 18:07
SB-02-10	9E30003-03	Soil	7	05/29/19 12:45	05/30/19 18:07
SB-02-20	9E30003-04	Soil	7	05/29/19 13:10	05/30/19 18:07
SB-03-10	9E30003-05	Soil	7	05/29/19 13:45	05/30/19 18:07
SB-03-20	9E30003-06	Soil	7	05/29/19 14:00	05/30/19 18:07
SB-04-5	9E30003-07	Soil	7	05/29/19 15:25	05/30/19 18:07
SB-04-10	9E30003-08	Soil	7	05/29/19 14:30	05/30/19 18:07

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
SB-05-5	9E30003-09	Soil	7	05/29/19 14:55	05/30/19 18:07
SB-05-10	9E30003-10	Soil	7	05/29/19 16:15	05/30/19 18:07
SB-14A-1	9E30003-35	Soil	7	05/29/19 08:31	05/30/19 18:07
8270C					
SB-06-0.5	9E30003-11	Soil	7	05/29/19 11:45	05/30/19 18:07
SB-07-0.5	9E30003-14	Soil	7	05/29/19 11:10	05/30/19 18:07
SB-14	9E30003-39	Soil	7	05/29/19 08:38	05/30/19 18:07
CAM Metals Less Hg 6000/7000					
SB-01-10	9E30003-01	Soil	7	05/29/19 13:20	05/30/19 18:07
SB-01-20	9E30003-02	Soil	7	05/29/19 13:30	05/30/19 18:07
SB-02-10	9E30003-03	Soil	7	05/29/19 12:45	05/30/19 18:07
SB-02-20	9E30003-04	Soil	7	05/29/19 13:10	05/30/19 18:07
SB-03-10	9E30003-05	Soil	7	05/29/19 13:45	05/30/19 18:07
SB-03-20	9E30003-06	Soil	7	05/29/19 14:00	05/30/19 18:07
SB-06-0.5	9E30003-11	Soil	7	05/29/19 11:45	05/30/19 18:07
SB-07-0.5	9E30003-14	Soil	7	05/29/19 11:10	05/30/19 18:07
SB-08-0.5	9E30003-17	Soil	7	05/29/19 10:00	05/30/19 18:07
SB-09-0.5	9E30003-20	Soil	7	05/29/19 09:40	05/30/19 18:07
SB-10-0.5	9E30003-23	Soil	7	05/29/19 10:15	05/30/19 18:07

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
SB-11-0.5	9E30003-26	Soil	7	05/29/19 08:45	05/30/19 18:07
SB-12-0.5	9E30003-29	Soil	7	05/29/19 10:28	05/30/19 18:07
SB-13-0.5	9E30003-32	Soil	7	05/29/19 10:50	05/30/19 18:07
SB-14	9E30003-39	Soil	7	05/29/19 08:38	05/30/19 18:07
Carbon Chain Characterization 8015M					
SB-01-10	9E30003-01	Soil	7	05/29/19 13:20	05/30/19 18:07
SB-01-20	9E30003-02	Soil	7	05/29/19 13:30	05/30/19 18:07
SB-02-10	9E30003-03	Soil	7	05/29/19 12:45	05/30/19 18:07
SB-02-20	9E30003-04	Soil	7	05/29/19 13:10	05/30/19 18:07
SB-03-10	9E30003-05	Soil	7	05/29/19 13:45	05/30/19 18:07
SB-03-20	9E30003-06	Soil	7	05/29/19 14:00	05/30/19 18:07
SB-04-5	9E30003-07	Soil	7	05/29/19 15:25	05/30/19 18:07
SB-04-10	9E30003-08	Soil	7	05/29/19 14:30	05/30/19 18:07
SB-05-5	9E30003-09	Soil	7	05/29/19 14:55	05/30/19 18:07
SB-05-10	9E30003-10	Soil	7	05/29/19 16:15	05/30/19 18:07
SB-14	9E30003-39	Soil	7	05/29/19 08:38	05/30/19 18:07
Mercury Total EPA 7470A/7471A					
SB-01-10	9E30003-01	Soil	7	05/29/19 13:20	05/30/19 18:07
SB-01-20	9E30003-02	Soil	7	05/29/19 13:30	05/30/19 18:07

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
SB-02-10	9E30003-03	Soil	7	05/29/19 12:45	05/30/19 18:07
SB-02-20	9E30003-04	Soil	7	05/29/19 13:10	05/30/19 18:07
SB-03-10	9E30003-05	Soil	7	05/29/19 13:45	05/30/19 18:07
SB-03-20	9E30003-06	Soil	7	05/29/19 14:00	05/30/19 18:07
SB-06-0.5	9E30003-11	Soil	7	05/29/19 11:45	05/30/19 18:07
SB-07-0.5	9E30003-14	Soil	7	05/29/19 11:10	05/30/19 18:07
SB-08-0.5	9E30003-17	Soil	7	05/29/19 10:00	05/30/19 18:07
SB-09-0.5	9E30003-20	Soil	7	05/29/19 09:40	05/30/19 18:07
SB-10-0.5	9E30003-23	Soil	7	05/29/19 10:15	05/30/19 18:07
SB-11-0.5	9E30003-26	Soil	7	05/29/19 08:45	05/30/19 18:07
SB-12-0.5	9E30003-29	Soil	7	05/29/19 10:28	05/30/19 18:07
SB-13-0.5	9E30003-32	Soil	7	05/29/19 10:50	05/30/19 18:07
SB-14	9E30003-39	Soil	7	05/29/19 08:38	05/30/19 18:07

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: Semivolatile Organics by GC/MS

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-11	9E30003-14	9E30003-39	
Client ID No:	SB-06-0.5	SB-07-0.5	SB-14	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	50	50	5	MRL
8270C (EPA 8270C)				
3,3´-Dichlorobenzidine	<20	<20	<2.0	0.40
Acenaphthene	<5.0	<5.0	<0.50	0.10
Acenaphthylene	<5.0	<5.0	<0.50	0.10
Aniline	<10	<10	<1.0	0.20
Anthracene	<5.0	<5.0	<0.50	0.10
Azobenzene	<5.0	<5.0	<0.50	0.10
Benzidine	<20	<20	<2.0	0.40
Benzo(a)anthracene	<5.0	<5.0	<0.50	0.10
Benzo(a)pyrene	<5.0	<5.0	<0.50	0.10
Benzo(b)fluoranthene	<5.0	<5.0	<0.50	0.10
Benzo(g,h,i)perylene	<5.0	<5.0	<0.50	0.10
Benzoic acid	<50	<50	<5.0	1.0
Benzo(k)fluoranthene	<5.0	<5.0	<0.50	0.10
Benzyl alcohol	<5.0	<5.0	<0.50	0.10
4-Bromophenyl phenyl ether	<5.0	<5.0	<0.50	0.10
Butyl benzyl phthalate	<25	<25	<2.5	0.50
4-Chloro-3-methylphenol	<10	<10	<1.0	0.20
4-Chloroaniline	<20	<20	<2.0	0.40
Bis(2-chloroethoxy)methane	<5.0	<5.0	<0.50	0.10
Bis(2-chloroethyl)ether	<5.0	<5.0	<0.50	0.10
Bis(2-chloroisopropyl)ether	<5.0	<5.0	<0.50	0.10
2-Chloronaphthalene	<5.0	<5.0	<0.50	0.10
2-Chlorophenol	<5.0	<5.0	<0.50	0.10
4-Chlorophenyl phenyl ether	<5.0	<5.0	<0.50	0.10
Chrysene	<5.0	<5.0	<0.50	0.10
Dibenzo(a,h)anthracene	<5.0	<5.0	<0.50	0.10
Dibenzofuran	<5.0	<5.0	<0.50	0.10

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Semivolatile Organics by GC/MS	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-11	9E30003-14	9E30003-39	
Client ID No:	SB-06-0.5	SB-07-0.5	SB-14	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	50	50	5	MRL
8270C (EPA 8270C) (continued)				
Di-n-butyl phthalate	<100	<100	<10	2.0
1,2-Dichlorobenzene	<5.0	<5.0	<0.50	0.10
1,3-Dichlorobenzene	<5.0	<5.0	<0.50	0.10
1,4-Dichlorobenzene	<5.0	<5.0	<0.50	0.10
2,4-Dichlorophenol	<5.0	<5.0	<0.50	0.10
Diethyl phthalate	<40	<40	<4.0	0.80
2,4-Dimethylphenol	<5.0	<5.0	<0.50	0.10
Dimethyl phthalate	<10	<10	<1.0	0.20
4,6-Dinitro-2-methylphenol	<10	<10	<1.0	0.20
2,4-Dinitrophenol	<20	<20	<2.0	0.40
2,6-Dinitrotoluene	<5.0	<5.0	<0.50	0.10
2,4-Dinitrotoluene	<5.0	<5.0	<0.50	0.10
Di-n-octyl phthalate	<5.0	<5.0	<0.50	0.10
1,2-Diphenylhydrazine	<5.0	<5.0	<0.50	0.10
Bis(2-ethylhexyl)phthalate	<10	<10	<1.0	0.20
Fluoranthene	<5.0	<5.0	<0.50	0.10
Fluorene	<5.0	<5.0	<0.50	0.10
Hexachlorobenzene	<5.0	<5.0	<0.50	0.10
Hexachlorobutadiene	<5.0	<5.0	<0.50	0.10
Hexachlorocyclopentadiene	<5.0	<5.0	<0.50	0.10
Hexachloroethane	<5.0	<5.0	<0.50	0.10
Indeno (1,2,3-cd) pyrene	<20	<20	<2.0	0.40
Isophorone	<5.0	<5.0	<0.50	0.10
2-Methylnaphthalene	<5.0	<5.0	<0.50	0.10
2-Methylphenol	<10	<10	<1.0	0.20
3-Methylphenol	<10	<10	<1.0	0.20
4-Methylphenol	<10	<10	<1.0	0.20

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: Semivolatile Organics by GC/MS

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-11	9E30003-14	9E30003-39	
Client ID No:	SB-06-0.5	SB-07-0.5	SB-14	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	50	50	5	MRL
8270C (EPA 8270C) (continued)				
Naphthalene	<5.0	<5.0	<0.50	0.10
4-Nitroaniline	<25	<25	<2.5	0.50
3-Nitroaniline	<20	<20	<2.0	0.40
2-Nitroaniline	<5.0	<5.0	<0.50	0.10
Nitrobenzene	<5.0	<5.0	<0.50	0.10
2-Nitrophenol	<10	<10	<1.0	0.20
4-Nitrophenol	<10	<10	<1.0	0.20
N-Nitrosodimethylamine	<5.0	<5.0	<0.50	0.10
N-Nitrosodiphenylamine	<5.0	<5.0	<0.50	0.10
N-Nitrosodi-n-propylamine	<5.0	<5.0	<0.50	0.10
Pentachlorophenol	<5.0	<5.0	<0.50	0.10
Phenanthrene	<5.0	<5.0	<0.50	0.10
Phenol	<5.0	<5.0	<0.50	0.10
Pyrene	<5.0	<5.0	<0.50	0.10
1,2,4-Trichlorobenzene	<5.0	<5.0	<0.50	0.10
2,4,5-Trichlorophenol	<10	<10	<1.0	0.20
2,4,6-Trichlorophenol	<10	<10	<1.0	0.20
Surrogates				**%REC Limits**
2-Fluorobiphenyl	0.0 [4]	0.0 [4]	62%	21-126
2-Fluorophenol	61%	90%	80%	24-103
Nitrobenzene-d5	108%	86%	110%	35-125
Phenol-d6	97%	86%	94%	34-99
Terphenyl-dl4	142%	144%	142%	21-158
2,4,6-Tribromophenol	21%	38%	66%	17-114

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Polychlorinated Biphenyls by GC	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	
Date Prepared:	06/04/19	06/04/19	
Date Analyzed:	06/06/19	06/06/19	
AA ID No:	9E30003-11	9E30003-14	
Client ID No:	SB-06-0.5	SB-07-0.5	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL
8082 PCBs (EPA 8082)			
Aroclor-1016	<0.020	<0.020	0.020
Aroclor-1221	<0.020	<0.020	0.020
Aroclor-1232	<0.020	<0.020	0.020
Aroclor-1242	<0.020	<0.020	0.020
Aroclor-1248	<0.020	<0.020	0.020
Aroclor-1254	<0.020	<0.020	0.020
Aroclor-1260	<0.020	<0.020	0.020
Surrogates			**%REC Limits**
Decachlorobiphenyl	64%	61%	50-150
Tetrachloro-meta-xylene	68%	108%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: Organochlorine Pesticides by GC EPA 8081A

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/04/19	06/04/19	06/04/19	06/04/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-17	9E30003-20	9E30003-23	9E30003-26	
Client ID No:	SB-08-0.5	SB-09-0.5	SB-10-0.5	SB-11-0.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8081A OCPs (EPA 8081A)					
4,4´-DDD	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
4,4´-DDE	**0.086**	**0.042**	**0.012**	**0.038**	0.0040
4,4´-DDT	**0.0053**	**0.0047**	<0.0040	**0.0070**	0.0040
Aldrin	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
beta-BHC	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
delta-BHC	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
alpha-BHC	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
gamma-BHC (Lindane)	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
gamma-Chlordane	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
alpha-Chlordane	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
Chlordane	<0.020	<0.020	<0.020	<0.020	0.020
Dieldrin	<0.0020	**0.0033**	<0.0020	**0.0032**	0.0020
Endosulfan I	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Endosulfan II	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
Endosulfan sulfate	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
Endrin	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
Endrin aldehyde	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
Endrin ketone	<0.0040	<0.0040	<0.0040	<0.0040	0.0040
Heptachlor	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Heptachlor epoxide	<0.0020	<0.0020	<0.0020	<0.0020	0.0020
Methoxychlor	<0.020	<0.020	<0.020	<0.020	0.020
Toxaphene	<0.10	<0.10	<0.10	<0.10	0.10
Surrogates					**%REC Limits**
Decachlorobiphenyl	55%	64%	57%	54%	36-124
Tetrachloro-meta-xylene	68%	63%	54%	66%	14-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: Organochlorine Pesticides by GC EPA 8081A

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: mg/kg

Date Sampled:	05/29/19	05/29/19	
Date Prepared:	06/04/19	06/04/19	
Date Analyzed:	06/04/19	06/04/19	
AA ID No:	9E30003-29	9E30003-32	
Client ID No:	SB-12-0.5	SB-13-0.5	
Matrix:	Soil	Soil	
Dilution Factor:	1	1	MRL
8081A OCPs (EPA 8081A)			
4,4´-DDD	<0.0040	<0.0040	0.0040
4,4´-DDE	**0.019**	**0.051**	0.0040
4,4´-DDT	<0.0040	**0.0070**	0.0040
Aldrin	<0.0020	<0.0020	0.0020
beta-BHC	<0.0020	<0.0020	0.0020
delta-BHC	<0.0020	<0.0020	0.0020
alpha-BHC	<0.0020	<0.0020	0.0020
gamma-BHC (Lindane)	<0.0040	<0.0040	0.0040
gamma-Chlordane	<0.0040	<0.0040	0.0040
alpha-Chlordane	<0.0040	<0.0040	0.0040
Chlordane	<0.020	<0.020	0.020
Dieldrin	<0.0020	<0.0020	0.0020
Endosulfan I	<0.0020	<0.0020	0.0020
Endosulfan II	<0.0040	<0.0040	0.0040
Endosulfan sulfate	<0.0040	<0.0040	0.0040
Endrin	<0.0040	<0.0040	0.0040
Endrin aldehyde	<0.0040	<0.0040	0.0040
Endrin ketone	<0.0040	<0.0040	0.0040
Heptachlor	<0.0020	<0.0020	0.0020
Heptachlor epoxide	<0.0020	<0.0020	0.0020
Methoxychlor	<0.020	<0.020	0.020
Toxaphene	<0.10	<0.10	0.10
Surrogates			**%REC Limits**
Decachlorobiphenyl	67%	65%	36-124
Tetrachloro-meta-xylene	63%	66%	14-130

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-01	9E30003-02	9E30003-03	9E30003-04	
Client ID No:	SB-01-10	SB-01-20	SB-02-10	SB-02-20	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035)					
Acetone	<100	<100	<100	<100	100
tert-Amyl-Methyl Ether (TAME)	<5.0	<5.0	<5.0	<5.0	5.0
Benzene	<2.0	<2.0	<2.0	<2.0	2.0
Bromobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Bromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	5.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Butanone (MEK)	<50	<50	<50	<50	50
tert-Butyl Alcohol (TBA)	<50	<50	<50	<50	50
sec-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
tert-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
n-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Chloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
4-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromo-3-chloropropane	<10	<10	<10	<10	10
Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromoethane (EDB)	<5.0	<5.0	<5.0	<5.0	5.0
Dibromomethane	<5.0	<5.0	<5.0	<5.0	5.0
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-01	9E30003-02	9E30003-03	9E30003-04	
Client ID No:	SB-01-10	SB-01-20	SB-02-10	SB-02-20	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)					
1,2-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Dichlorodifluoromethane (R12)	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloroethane (EDC)	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
2,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
Diisopropyl ether (DIPE)	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<2.0	<2.0	<2.0	<2.0	2.0
Ethyl-tert-Butyl Ether (ETBE)	<5.0	<5.0	<5.0	<5.0	5.0
Gasoline Range Organics (GRO)	<500	<500	<500	<500	500
Hexachlorobutadiene	<10	<10	<10	<10	10
2-Hexanone (MBK)	<50	<50	<50	<50	50
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
4-Isopropyltoluene	<5.0	<5.0	<5.0	<5.0	5.0
Methyl-tert-Butyl Ether (MTBE)	<5.0	<5.0	<5.0	<5.0	5.0
Methylene Chloride	<50	<50	<50	<50	50
4-Methyl-2-pentanone (MIBK)	<50	<50	<50	<50	50
Naphthalene	<10	<10	<10	<10	10
n-Propylbenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-01	9E30003-02	9E30003-03	9E30003-04	
Client ID No:	SB-01-10	SB-01-20	SB-02-10	SB-02-20	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)					
Styrene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Tetrachloroethylene (PCE)	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<2.0	<2.0	<2.0	<2.0	2.0
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Trichloroethylene (TCE)	<5.0	<5.0	<5.0	<5.0	5.0
Trichlorofluoromethane (R11)	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<5.0	<5.0	<5.0	5.0
1,3,5-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,4-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Vinyl chloride	<5.0	<5.0	<5.0	<5.0	5.0
o-Xylene	<2.0	<2.0	<2.0	<2.0	2.0
m,p-Xylenes	<2.0	<2.0	<2.0	<2.0	2.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	92%	93%	96%	90%	76-177
Dibromofluoromethane	100%	104%	104%	104%	85-152
Toluene-d8	104%	103%	104%	103%	86-137

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-05	9E30003-06	9E30003-07	9E30003-08	
Client ID No:	SB-03-10	SB-03-20	SB-04-5	SB-04-10	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035)					
Acetone	<100	<100	**110**	<100	100
tert-Amyl-Methyl Ether (TAME)	<5.0	<5.0	<5.0	<5.0	5.0
Benzene	<2.0	<2.0	<2.0	<2.0	2.0
Bromobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Bromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromodichloromethane	<5.0	<5.0	<5.0	<5.0	5.0
Bromoform	<5.0	<5.0	<5.0	<5.0	5.0
Bromomethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Butanone (MEK)	<50	<50	<50	<50	50
tert-Butyl Alcohol (TBA)	<50	<50	<50	<50	50
sec-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
tert-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
n-Butylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Disulfide	<5.0	<5.0	<5.0	<5.0	5.0
Carbon Tetrachloride	<5.0	<5.0	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Chloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Chloroform	<5.0	<5.0	<5.0	<5.0	5.0
Chloromethane	<5.0	<5.0	<5.0	<5.0	5.0
2-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
4-Chlorotoluene	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromo-3-chloropropane	<10	<10	<10	<10	10
Dibromochloromethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dibromoethane (EDB)	<5.0	<5.0	<5.0	<5.0	5.0
Dibromomethane	<5.0	<5.0	<5.0	<5.0	5.0
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-05	9E30003-06	9E30003-07	9E30003-08	
Client ID No:	SB-03-10	SB-03-20	SB-04-5	SB-04-10	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)					
1,2-Dichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
Dichlorodifluoromethane (R12)	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloroethane (EDC)	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,2-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethylene	<5.0	<5.0	<5.0	<5.0	5.0
2,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,3-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
trans-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
1,1-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
cis-1,3-Dichloropropylene	<5.0	<5.0	<5.0	<5.0	5.0
Diisopropyl ether (DIPE)	<5.0	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<2.0	<2.0	<2.0	<2.0	2.0
Ethyl-tert-Butyl Ether (ETBE)	<5.0	<5.0	<5.0	<5.0	5.0
Gasoline Range Organics (GRO)	<500	<500	<500	<500	500
Hexachlorobutadiene	<10	<10	<10	<10	10
2-Hexanone (MBK)	<50	<50	<50	<50	50
Isopropylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
4-Isopropyltoluene	<5.0	<5.0	<5.0	<5.0	5.0
Methyl-tert-Butyl Ether (MTBE)	<5.0	<5.0	<5.0	<5.0	5.0
Methylene Chloride	<50	<50	<50	<50	50
4-Methyl-2-pentanone (MIBK)	<50	<50	<50	<50	50
Naphthalene	<10	<10	<10	<10	10
n-Propylbenzene	<5.0	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-05	9E30003-06	9E30003-07	9E30003-08	
Client ID No:	SB-03-10	SB-03-20	SB-04-5	SB-04-10	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)					
Styrene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Tetrachloroethylene (PCE)	<5.0	<5.0	<5.0	<5.0	5.0
Toluene	<2.0	<2.0	<2.0	<2.0	2.0
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichlorobenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	5.0
Trichloroethylene (TCE)	<5.0	<5.0	<5.0	<5.0	5.0
Trichlorofluoromethane (R11)	<5.0	<5.0	<5.0	<5.0	5.0
1,2,3-Trichloropropane	<5.0	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<5.0	<5.0	<5.0	5.0
1,3,5-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
1,2,4-Trimethylbenzene	<5.0	<5.0	<5.0	<5.0	5.0
Vinyl chloride	<5.0	<5.0	<5.0	<5.0	5.0
o-Xylene	<2.0	<2.0	<2.0	<2.0	2.0
m,p-Xylenes	<2.0	<2.0	<2.0	<2.0	2.0
Surrogates					**%REC Limits**
4-Bromofluorobenzene	92%	95%	96%	100%	76-177
Dibromofluoromethane	108%	103%	108%	105%	85-152
Toluene-d8	103%	102%	104%	104%	86-137

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-09	9E30003-10	9E30003-35	
Client ID No:	SB-05-5	SB-05-10	SB-14A-1	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035)				
Acetone	<100	<100	<100	100
tert-Amyl-Methyl Ether (TAME)	<5.0	<5.0	<5.0	5.0
Benzene	<2.0	<2.0	<2.0	2.0
Bromobenzene	<5.0	<5.0	<5.0	5.0
Bromochloromethane	<5.0	<5.0	<5.0	5.0
Bromodichloromethane	<5.0	<5.0	<5.0	5.0
Bromoform	<5.0	<5.0	<5.0	5.0
Bromomethane	<5.0	<5.0	<5.0	5.0
2-Butanone (MEK)	<50	<50	<50	50
tert-Butyl Alcohol (TBA)	<50	<50	<50	50
sec-Butylbenzene	<5.0	<5.0	<5.0	5.0
tert-Butylbenzene	<5.0	<5.0	<5.0	5.0
n-Butylbenzene	<5.0	<5.0	<5.0	5.0
Carbon Disulfide	<5.0	<5.0	<5.0	5.0
Carbon Tetrachloride	<5.0	<5.0	<5.0	5.0
Chlorobenzene	<5.0	<5.0	<5.0	5.0
Chloroethane	<5.0	<5.0	<5.0	5.0
Chloroform	<5.0	<5.0	<5.0	5.0
Chloromethane	<5.0	<5.0	<5.0	5.0
2-Chlorotoluene	<5.0	<5.0	<5.0	5.0
4-Chlorotoluene	<5.0	<5.0	<5.0	5.0
1,2-Dibromo-3-chloropropane	<10	<10	<10	10
Dibromochloromethane	<5.0	<5.0	<5.0	5.0
1,2-Dibromoethane (EDB)	<5.0	<5.0	<5.0	5.0
Dibromomethane	<5.0	<5.0	<5.0	5.0
1,4-Dichlorobenzene	<5.0	<5.0	<5.0	5.0
1,3-Dichlorobenzene	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-09	9E30003-10	9E30003-35	
Client ID No:	SB-05-5	SB-05-10	SB-14A-1	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)				
1,2-Dichlorobenzene	<5.0	<5.0	<5.0	5.0
Dichlorodifluoromethane (R12)	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethane	<5.0	<5.0	<5.0	5.0
1,2-Dichloroethane (EDC)	<5.0	<5.0	<5.0	5.0
trans-1,2-Dichloroethylene	<5.0	<5.0	<5.0	5.0
cis-1,2-Dichloroethylene	<5.0	<5.0	<5.0	5.0
1,1-Dichloroethylene	<5.0	<5.0	<5.0	5.0
2,2-Dichloropropane	<5.0	<5.0	<5.0	5.0
1,3-Dichloropropane	<5.0	<5.0	<5.0	5.0
1,2-Dichloropropane	<5.0	<5.0	<5.0	5.0
trans-1,3-Dichloropropylene	<5.0	<5.0	<5.0	5.0
1,1-Dichloropropylene	<5.0	<5.0	<5.0	5.0
cis-1,3-Dichloropropylene	<5.0	<5.0	<5.0	5.0
Diisopropyl ether (DIPE)	<5.0	<5.0	<5.0	5.0
Ethylbenzene	<2.0	<2.0	<2.0	2.0
Ethyl-tert-Butyl Ether (ETBE)	<5.0	<5.0	<5.0	5.0
Gasoline Range Organics (GRO)	<500	<500	<500	500
Hexachlorobutadiene	<10	<10	<10	10
2-Hexanone (MBK)	<50	<50	<50	50
Isopropylbenzene	<5.0	<5.0	<5.0	5.0
4-Isopropyltoluene	<5.0	<5.0	<5.0	5.0
Methyl-tert-Butyl Ether (MTBE)	<5.0	<5.0	<5.0	5.0
Methylene Chloride	<50	<50	<50	50
4-Methyl-2-pentanone (MIBK)	<50	<50	<50	50
Naphthalene	<10	<10	<10	10
n-Propylbenzene	<5.0	<5.0	<5.0	5.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: VOCs, OXY & TPHG by GC/MS EPA 5035

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: ug/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	05/31/19	05/31/19	05/31/19	
Date Analyzed:	05/31/19	05/31/19	05/31/19	
AA ID No:	9E30003-09	9E30003-10	9E30003-35	
Client ID No:	SB-05-5	SB-05-10	SB-14A-1	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	1	1	1	MRL
8260B/5035 +OXY+TPHG (EPA 8260B/5035) (continued)				
Styrene	<5.0	<5.0	<5.0	5.0
1,1,1,2-Tetrachloroethane	<5.0	<5.0	<5.0	5.0
1,1,2,2-Tetrachloroethane	<5.0	<5.0	<5.0	5.0
Tetrachloroethylene (PCE)	<5.0	<5.0	<5.0	5.0
Toluene	<2.0	<2.0	<2.0	2.0
1,2,4-Trichlorobenzene	<5.0	<5.0	<5.0	5.0
1,2,3-Trichlorobenzene	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloroethane	<5.0	<5.0	<5.0	5.0
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	5.0
Trichloroethylene (TCE)	<5.0	<5.0	<5.0	5.0
Trichlorofluoromethane (R11)	<5.0	<5.0	<5.0	5.0
1,2,3-Trichloropropane	<5.0	<5.0	<5.0	5.0
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<5.0	<5.0	5.0
1,3,5-Trimethylbenzene	<5.0	<5.0	<5.0	5.0
1,2,4-Trimethylbenzene	<5.0	<5.0	<5.0	5.0
Vinyl chloride	<5.0	<5.0	<5.0	5.0
o-Xylene	<2.0	<2.0	<2.0	2.0
m,p-Xylenes	<2.0	<2.0	<2.0	2.0
Surrogates				**%REC Limits**
4-Bromofluorobenzene	98%	99%	110%	76-177
Dibromofluoromethane	108%	110%	111%	85-152
Toluene-d8	104%	104%	111%	86-137

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Carbon Chain by GC/FID	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-01	9E30003-02	9E30003-03	9E30003-04	
Client ID No:	SB-01-10	SB-01-20	SB-02-10	SB-02-20	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
Carbon Chain Characterization 8015M (EPA 8015M)					
C6-C8	<1.0	<1.0	<1.0	<1.0	1.0
C8-C10	<1.0	<1.0	<1.0	<1.0	1.0
C10-C12	<1.0	<1.0	<1.0	<1.0	1.0
C12-C14	<1.0	<1.0	<1.0	<1.0	1.0
C14-C16	<1.0	**1.2**	<1.0	**1.4**	1.0
C16-C18	<1.0	<1.0	<1.0	<1.0	1.0
C18-C20	<1.0	<1.0	<1.0	<1.0	1.0
C20-C22	<1.0	<1.0	<1.0	<1.0	1.0
C22-C24	<1.0	**1.2**	<1.0	**3.3**	1.0
C24-C26	<1.0	<1.0	<1.0	<1.0	1.0
C26-C28	<1.0	<1.0	<1.0	**1.4**	1.0
C28-C32	**1.0**	**1.4**	**1.9**	**2.6**	1.0
C32-C34	<1.0	<1.0	<1.0	**1.1**	1.0
C34-C36	<1.0	<1.0	<1.0	**2.0**	1.0
C36-C40	<1.0	<1.0	<1.0	**5.3**	1.0
C40-C44	<1.0	<1.0	<1.0	<1.0	1.0
TPH (C6-C44)	<10	<10	<10	**18**	10
Surrogates					**%REC Limits**
o-Terphenyl	86%	101%	83%	107%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Carbon Chain by GC/FID	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-05	9E30003-06	9E30003-07	9E30003-08	
Client ID No:	SB-03-10	SB-03-20	SB-04-5	SB-04-10	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
Carbon Chain Characterization 8015M (EPA 8015M)					
C6-C8	<1.0	<1.0	<1.0	<1.0	1.0
C8-C10	<1.0	<1.0	**2.0**	<1.0	1.0
C10-C12	<1.0	<1.0	**1.4**	<1.0	1.0
C12-C14	<1.0	<1.0	<1.0	<1.0	1.0
C14-C16	<1.0	**1.3**	**3.5**	<1.0	1.0
C16-C18	<1.0	<1.0	**4.5**	<1.0	1.0
C18-C20	<1.0	<1.0	<1.0	<1.0	1.0
C20-C22	<1.0	**3.9**	**9.7**	**4.8**	1.0
C22-C24	<1.0	**7.2**	**25**	**10**	1.0
C24-C26	<1.0	**4.6**	**35**	**6.8**	1.0
C26-C28	<1.0	**2.1**	**39**	**8.6**	1.0
C28-C32	**1.2**	**1.5**	**34**	**9.1**	1.0
C32-C34	<1.0	<1.0	**3.0**	**1.7**	1.0
C34-C36	<1.0	<1.0	**1.1**	**1.2**	1.0
C36-C40	<1.0	<1.0	**1.3**	<1.0	1.0
C40-C44	<1.0	<1.0	<1.0	<1.0	1.0
TPH (C6-C44)	<10	**23**	**160**	**42**	10
Surrogates					**%REC Limits**
o-Terphenyl	101%	100%	98%	98%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Carbon Chain by GC/FID	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-09	9E30003-10	9E30003-39	
Client ID No:	SB-05-5	SB-05-10	SB-14	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	1	1	1	MRL
Carbon Chain Characterization 8015M (EPA 8015M)				
C6-C8	<1.0	<1.0	<1.0	1.0
C8-C10	**1.5**	<1.0	**1.1**	1.0
C10-C12	<1.0	<1.0	<1.0	1.0
C12-C14	<1.0	<1.0	<1.0	1.0
C14-C16	<1.0	<1.0	<1.0	1.0
C16-C18	<1.0	<1.0	<1.0	1.0
C18-C20	<1.0	<1.0	<1.0	1.0
C20-C22	<1.0	<1.0	<1.0	1.0
C22-C24	<1.0	<1.0	<1.0	1.0
C24-C26	**1.1**	<1.0	<1.0	1.0
C26-C28	**2.8**	**1.5**	<1.0	1.0
C28-C32	**8.6**	**2.4**	**1.8**	1.0
C32-C34	**3.7**	**1.0**	<1.0	1.0
C34-C36	**3.9**	**1.0**	<1.0	1.0
C36-C40	**9.7**	<1.0	<1.0	1.0
C40-C44	<1.0	<1.0	<1.0	1.0
TPH (C6-C44)	**31**	<10	<10	10
Surrogates				**%REC Limits**
o-Terphenyl	98%	102%	78%	50-150

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Total Metals CAM 17	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-01	9E30003-02	9E30003-03	9E30003-04	
Client ID No:	SB-01-10	SB-01-20	SB-02-10	SB-02-20	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)					
Antimony	<10	<10	<10	<10	10
Arsenic	**1.5**	**1.6**	<0.50	**3.5**	0.50
Barium	**270**	**230**	**120**	**450**	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	**11**	**19**	**11**	**56**	3.0
Cobalt	**19**	**9.2**	**6.6**	**25**	3.0
Copper	<3.0	<3.0	<3.0	<3.0	3.0
Lead	**5.2**	**3.2**	<3.0	**11**	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	**8.6**	**7.3**	**5.5**	**21**	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	**43**	**54**	**36**	**16**	10
Zinc	**24**	**34**	**28**	**100**	3.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Total Metals CAM 17	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-05	9E30003-06	9E30003-11	9E30003-14	
Client ID No:	SB-03-10	SB-03-20	SB-06-0.5	SB-07-0.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)					
Antimony	<10	<10	<10	<10	10
Arsenic	<0.50	**0.82**	**0.88**	<0.50	0.50
Barium	**120**	**160**	**200**	**240**	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	**12**	**17**	**11**	**12**	3.0
Cobalt	**7.0**	**8.8**	<3.0	**5.4**	3.0
Copper	<3.0	<3.0	**7.5**	**6.6**	3.0
Lead	<3.0	**3.1**	**5.8**	**15**	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	**7.4**	**7.3**	**5.2**	**4.8**	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	**35**	**52**	**21**	**38**	10
Zinc	**32**	**34**	**92**	**310**	3.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Total Metals CAM 17	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-17	9E30003-20	9E30003-23	9E30003-26	
Client ID No:	SB-08-0.5	SB-09-0.5	SB-10-0.5	SB-11-0.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)					
Antimony	<10	<10	<10	<10	10
Arsenic	**1.3**	**1.3**	**0.89**	<0.50	0.50
Barium	**140**	**95**	**110**	**83**	10
Beryllium	<1.0	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	<1.0	1.0
Chromium	**12**	**12**	**14**	**11**	3.0
Cobalt	**6.6**	**6.9**	**7.3**	**6.5**	3.0
Copper	<3.0	<3.0	<3.0	<3.0	3.0
Lead	**6.2**	**6.3**	**4.1**	**5.4**	3.0
Molybdenum	<5.0	<5.0	<5.0	<5.0	5.0
Nickel	**5.3**	**5.9**	**6.8**	**5.5**	3.0
Selenium	<0.50	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	<5.0	5.0
Vanadium	**34**	**33**	**36**	**30**	10
Zinc	**31**	**29**	**31**	**27**	3.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Total Metals CAM 17	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/03/19	06/03/19	06/03/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-29	9E30003-32	9E30003-39	
Client ID No:	SB-12-0.5	SB-13-0.5	SB-14	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	1	1	1	MRL
CAM Metals Less Hg 6000/7000 (EPA 6010B/7000)				
Antimony	<10	<10	<10	10
Arsenic	**1.1**	**1.1**	<0.50	0.50
Barium	**98**	**100**	**200**	10
Beryllium	<1.0	<1.0	<1.0	1.0
Cadmium	<1.0	<1.0	<1.0	1.0
Chromium	**11**	**13**	**15**	3.0
Cobalt	**5.9**	**6.7**	**9.0**	3.0
Copper	<3.0	<3.0	<3.0	3.0
Lead	**5.9**	**5.4**	**3.8**	3.0
Molybdenum	<5.0	<5.0	<5.0	5.0
Nickel	**5.3**	**5.8**	**6.2**	3.0
Selenium	<0.50	<0.50	<0.50	0.50
Silver	<1.0	<1.0	<1.0	1.0
Thallium	<5.0	<5.0	<5.0	5.0
Vanadium	**28**	**34**	**46**	10
Zinc	**26**	**31**	**36**	3.0

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: Total Metals CAM 17

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/04/19	06/04/19	06/04/19	06/04/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-01	9E30003-02	9E30003-03	9E30003-04	
Client ID No:	SB-01-10	SB-01-20	SB-02-10	SB-02-20	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
Mercury Total EPA 7470A/7471A (EPA 7471A)					
Mercury	<0.020	<0.020	<0.020	<0.020	0.020

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: Total Metals CAM 17

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/04/19	06/04/19	06/04/19	06/04/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-05	9E30003-06	9E30003-11	9E30003-14	
Client ID No:	SB-03-10	SB-03-20	SB-06-0.5	SB-07-0.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
Mercury Total EPA 7470A/7471A (EPA 7471A)					
Mercury	<0.020	<0.020	<0.020	<0.020	0.020

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street
Method: Total Metals CAM 17

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19
Units: mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/04/19	06/04/19	06/04/19	06/04/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-17	9E30003-20	9E30003-23	9E30003-26	
Client ID No:	SB-08-0.5	SB-09-0.5	SB-10-0.5	SB-11-0.5	
Matrix:	Soil	Soil	Soil	Soil	
Dilution Factor:	1	1	1	1	MRL
Mercury Total EPA 7470A/7471A (EPA 7471A)					
Mercury	<0.020	**0.021**	<0.020	<0.020	0.020

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19
Method:	Total Metals CAM 17	**Units:**	mg/kg

Date Sampled:	05/29/19	05/29/19	05/29/19	
Date Prepared:	06/04/19	06/04/19	06/04/19	
Date Analyzed:	06/04/19	06/04/19	06/04/19	
AA ID No:	9E30003-29	9E30003-32	9E30003-39	
Client ID No:	SB-12-0.5	SB-13-0.5	SB-14	
Matrix:	Soil	Soil	Soil	
Dilution Factor:	1	1	1	MRL
Mercury Total EPA 7470A/7471A (EPA 7471A)				
Mercury	<0.020	<0.020	<0.020	0.020

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organics by GC/MS - Quality Control										
Batch B9F0319 - EPA 3545 MS										
Blank (B9F0319-BLK1)				Prepared & Analyzed: 06/03/19						
3,3´-Dichlorobenzidine	<0.40	0.40	mg/kg							
Acenaphthene	<0.10	0.10	mg/kg							
Acenaphthylene	<0.10	0.10	mg/kg							
Aniline	<0.20	0.20	mg/kg							
Anthracene	<0.10	0.10	mg/kg							
Azobenzene	<0.10	0.10	mg/kg							
Benzidine	<0.40	0.40	mg/kg							
Benzo(a)anthracene	<0.10	0.10	mg/kg							
Benzo(a)pyrene	<0.10	0.10	mg/kg							
Benzo(b)fluoranthene	<0.10	0.10	mg/kg							
Benzo(g,h,i)perylene	<0.10	0.10	mg/kg							
Benzoic acid	<1.0	1.0	mg/kg							
Benzo(k)fluoranthene	<0.10	0.10	mg/kg							
Benzyl alcohol	<0.10	0.10	mg/kg							
4-Bromophenyl phenyl ether	<0.10	0.10	mg/kg							
Butyl benzyl phthalate	<0.50	0.50	mg/kg							
4-Chloro-3-methylphenol	<0.20	0.20	mg/kg							
4-Chloroaniline	<0.40	0.40	mg/kg							
Bis(2-chloroethoxy)methane	<0.10	0.10	mg/kg							
Bis(2-chloroethyl)ether	<0.10	0.10	mg/kg							
Bis(2-chloroisopropyl)ether	<0.10	0.10	mg/kg							
2-Chloronaphthalene	<0.10	0.10	mg/kg							
2-Chlorophenol	<0.10	0.10	mg/kg							
4-Chlorophenyl phenyl ether	<0.10	0.10	mg/kg							
Chrysene	<0.10	0.10	mg/kg							
Dibenzo(a,h)anthracene	<0.10	0.10	mg/kg							
Dibenzofuran	<0.10	0.10	mg/kg							
Di-n-butyl phthalate	<2.0	2.0	mg/kg							
1,2-Dichlorobenzene	<0.10	0.10	mg/kg							
1,3-Dichlorobenzene	<0.10	0.10	mg/kg							
1,4-Dichlorobenzene	<0.10	0.10	mg/kg							
2,4-Dichlorophenol	<0.10	0.10	mg/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organics by GC/MS - Quality Control										
Batch B9F0319 - EPA 3545 MS										
Blank (B9F0319-BLK1) Continued				Prepared & Analyzed: 06/03/19						
Diethyl phthalate	<0.80	0.80	mg/kg							
2,4-Dimethylphenol	<0.10	0.10	mg/kg							
Dimethyl phthalate	<0.20	0.20	mg/kg							
4,6-Dinitro-2-methylphenol	<0.20	0.20	mg/kg							
2,4-Dinitrophenol	<0.40	0.40	mg/kg							
2,6-Dinitrotoluene	<0.10	0.10	mg/kg							
2,4-Dinitrotoluene	<0.10	0.10	mg/kg							
Di-n-octyl phthalate	<0.10	0.10	mg/kg							
1,2-Diphenylhydrazine	<0.10	0.10	mg/kg							
Bis(2-ethylhexyl)phthalate	<0.20	0.20	mg/kg							
Fluoranthene	<0.10	0.10	mg/kg							
Fluorene	<0.10	0.10	mg/kg							
Hexachlorobenzene	<0.10	0.10	mg/kg							
Hexachlorobutadiene	<0.10	0.10	mg/kg							
Hexachlorocyclopentadiene	<0.10	0.10	mg/kg							
Hexachloroethane	<0.10	0.10	mg/kg							
Indeno (1,2,3-cd) pyrene	<0.40	0.40	mg/kg							
Isophorone	<0.10	0.10	mg/kg							
2-Methylnaphthalene	<0.10	0.10	mg/kg							
2-Methylphenol	<0.20	0.20	mg/kg							
3-Methylphenol	<0.20	0.20	mg/kg							
4-Methylphenol	<0.20	0.20	mg/kg							
Naphthalene	<0.10	0.10	mg/kg							
4-Nitroaniline	<0.50	0.50	mg/kg							
3-Nitroaniline	<0.40	0.40	mg/kg							
2-Nitroaniline	<0.10	0.10	mg/kg							
Nitrobenzene	<0.10	0.10	mg/kg							
2-Nitrophenol	<0.20	0.20	mg/kg							
4-Nitrophenol	<0.20	0.20	mg/kg							
N-Nitrosodimethylamine	<0.10	0.10	mg/kg							
N-Nitrosodiphenylamine	<0.10	0.10	mg/kg							
N-Nitrosodi-n-propylamine	<0.10	0.10	mg/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organics by GC/MS - Quality Control										
Batch B9F0319 - EPA 3545 MS										
Blank (B9F0319-BLK1) Continued				Prepared & Analyzed: 06/03/19						
Pentachlorophenol	<0.10	0.10	mg/kg							
Phenanthrene	<0.10	0.10	mg/kg							
Phenol	<0.10	0.10	mg/kg							
Pyrene	<0.10	0.10	mg/kg							
1,2,4-Trichlorobenzene	<0.10	0.10	mg/kg							
2,4,5-Trichlorophenol	<0.20	0.20	mg/kg							
2,4,6-Trichlorophenol	<0.20	0.20	mg/kg							
Surrogate: 2-Fluorobiphenyl	*0.421*		*mg/kg*	*0.50*		*84.2*	*21-126*			
Surrogate: 2-Fluorophenol	*0.824*		*mg/kg*	*1.0*		*82.4*	*24-103*			
Surrogate: Nitrobenzene-d5	*0.543*		*mg/kg*	*0.50*		*109*	*35-125*			
Surrogate: Phenol-d6	*0.871*		*mg/kg*	*1.0*		*87.1*	*34-99*			
Surrogate: Terphenyl-dl4	*0.491*		*mg/kg*	*0.50*		*98.1*	*21-158*			
Surrogate: 2,4,6-Tribromophenol	*0.667*		*mg/kg*	*1.0*		*66.7*	*17-114*			
LCS (B9F0319-BS1)				Prepared & Analyzed: 06/03/19						
Acenaphthene	**0.499**	0.10	mg/kg	0.60		83.2	49-104			
Acenaphthylene	**0.503**	0.10	mg/kg	0.60		83.8	47-102			
Anthracene	**0.549**	0.10	mg/kg	0.60		91.5	41-121			
Benzo(a)anthracene	**0.506**	0.10	mg/kg	0.60		84.4	53-104			
Benzo(a)pyrene	**0.498**	0.10	mg/kg	0.60		83.1	53-107			
Benzo(b)fluoranthene	**0.527**	0.10	mg/kg	0.60		87.9	49-114			
Benzo(g,h,i)perylene	**0.513**	0.10	mg/kg	0.60		85.5	40-118			
Benzo(k)fluoranthene	**0.511**	0.10	mg/kg	0.60		85.2	46-122			
Butyl benzyl phthalate	**0.558**	0.50	mg/kg	0.60		92.9	37-129			
4-Chloro-3-methylphenol	**0.487**	0.20	mg/kg	0.60		81.2	43-111			
Bis(2-chloroethyl)ether	**0.527**	0.10	mg/kg	0.60		87.8	32-121			
2-Chloronaphthalene	**0.476**	0.10	mg/kg	0.60		79.3	50-102			
4-Chlorophenyl phenyl ether	**0.403**	0.10	mg/kg	0.60		67.2	47-91			
Chrysene	**0.533**	0.10	mg/kg	0.60		88.9	49-113			
Dibenzo(a,h)anthracene	**0.527**	0.10	mg/kg	0.60		87.8	33-136			
Dibenzofuran	**0.482**	0.10	mg/kg	0.60		80.3	52-95			
1,4-Dichlorobenzene	**0.475**	0.10	mg/kg	0.60		79.1	48-100			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organics by GC/MS - Quality Control										
Batch B9F0319 - EPA 3545 MS										
LCS (B9F0319-BS1) Continued				Prepared & Analyzed: 06/03/19						
2,4-Dichlorophenol	**0.442**	0.10	mg/kg	0.60		73.6	42-98			
Di-n-octyl phthalate	**0.523**	0.10	mg/kg	0.60		87.2	35-125			
Bis(2-ethylhexyl)phthalate	**0.481**	0.20	mg/kg	0.60		80.1	36-119			
Fluoranthene	**0.470**	0.10	mg/kg	0.60		78.3	50-104			
Fluorene	**0.482**	0.10	mg/kg	0.60		80.4	52-95.3			
Hexachlorobenzene	**0.558**	0.10	mg/kg	0.60		92.9	47-116			
Hexachlorobutadiene	**0.369**	0.10	mg/kg	0.60		61.4	41-99			
Hexachloroethane	**0.497**	0.10	mg/kg	0.60		82.8	45-107			
Indeno (1,2,3-cd) pyrene	**0.481**	0.40	mg/kg	0.60		80.1	28-117			
Isophorone	**0.499**	0.10	mg/kg	0.60		83.2	45-107			
2-Methylnaphthalene	**0.463**	0.10	mg/kg	0.60		77.2	47-97			
Naphthalene	**0.501**	0.10	mg/kg	0.60		83.6	43-104			
Nitrobenzene	**0.552**	0.10	mg/kg	0.60		92.0	46-114			
2-Nitrophenol	**0.416**	0.20	mg/kg	0.60		69.3	35-106			
N-Nitrosodi-n-propylamine	**0.606**	0.10	mg/kg	0.60		101	37-131			
Pentachlorophenol	**0.231**	0.10	mg/kg	0.60		38.6	28-114			
Phenanthrene	**0.521**	0.10	mg/kg	0.60		86.8	50-106			
Phenol	**0.533**	0.10	mg/kg	0.60		88.8	39-115			
Pyrene	**0.544**	0.10	mg/kg	0.60		90.6	48-122			
1,2,4-Trichlorobenzene	**0.407**	0.10	mg/kg	0.60		67.8	44-93			
2,4,6-Trichlorophenol	**0.418**	0.20	mg/kg	0.60		69.7	42-100			
Surrogate: 2-Fluorobiphenyl	*0.447*		*mg/kg*	*0.50*		*89.4*	*21-126*			
Surrogate: 2-Fluorophenol	*0.895*		*mg/kg*	*1.0*		*89.5*	*24-103*			
Surrogate: Nitrobenzene-d5	*0.571*		*mg/kg*	*0.50*		*114*	*35-125*			
Surrogate: Phenol-d6	*0.974*		*mg/kg*	*1.0*		*97.4*	*34-99*			
Surrogate: Terphenyl-dl4	*0.587*		*mg/kg*	*0.50*		*117*	*21-158*			
Surrogate: 2,4,6-Tribromophenol	*0.826*		*mg/kg*	*1.0*		*82.6*	*17-114*			
LCS Dup (B9F0319-BSD1)				Prepared & Analyzed: 06/03/19						
Acenaphthene	**0.567**	0.10	mg/kg	0.60		94.5	49-104	12.8	40	
Acenaphthylene	**0.567**	0.10	mg/kg	0.60		94.5	47-102	12.0	40	
Anthracene	**0.619**	0.10	mg/kg	0.60		103	41-121	12.1	40	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organics by GC/MS - Quality Control										
Batch B9F0319 - EPA 3545 MS										
LCS Dup (B9F0319-BSD1) Continued				Prepared & Analyzed: 06/03/19						
Benzo(a)anthracene	**0.571**	0.10	mg/kg	0.60		95.1	53-104	11.9	40	
Benzo(a)pyrene	**0.559**	0.10	mg/kg	0.60		93.1	53-107	11.4	40	
Benzo(b)fluoranthene	**0.584**	0.10	mg/kg	0.60		97.4	49-114	10.3	40	
Benzo(g,h,i)perylene	**0.579**	0.10	mg/kg	0.60		96.5	40-118	12.2	40	
Benzo(k)fluoranthene	**0.578**	0.10	mg/kg	0.60		96.3	46-122	12.2	40	
Butyl benzyl phthalate	**0.595**	0.50	mg/kg	0.60		99.1	37-129	6.42	40	
4-Chloro-3-methylphenol	**0.592**	0.20	mg/kg	0.60		98.7	43-111	19.5	40	
Bis(2-chloroethyl)ether	**0.588**	0.10	mg/kg	0.60		98.1	32-121	11.1	40	
2-Chloronaphthalene	**0.550**	0.10	mg/kg	0.60		91.6	50-102	14.5	40	
4-Chlorophenyl phenyl ether	**0.449**	0.10	mg/kg	0.60		74.8	47-91	10.7	40	
Chrysene	**0.633**	0.10	mg/kg	0.60		105	49-113	17.0	40	
Dibenzo(a,h)anthracene	**0.610**	0.10	mg/kg	0.60		102	33-136	14.6	40	
Dibenzofuran	**0.548**	0.10	mg/kg	0.60		91.3	52-95	12.8	40	
1,4-Dichlorobenzene	**0.562**	0.10	mg/kg	0.60		93.7	48-100	16.8	40	
2,4-Dichlorophenol	**0.507**	0.10	mg/kg	0.60		84.5	42-98	13.7	40	
Di-n-octyl phthalate	**0.625**	0.10	mg/kg	0.60		104	35-125	17.7	40	
Bis(2-ethylhexyl)phthalate	**0.565**	0.20	mg/kg	0.60		94.2	36-119	16.2	40	
Fluoranthene	**0.458**	0.10	mg/kg	0.60		76.4	50-104	2.50	40	
Fluorene	**0.520**	0.10	mg/kg	0.60		86.7	52-95.3	7.62	40	
Hexachlorobenzene	**0.629**	0.10	mg/kg	0.60		105	47-116	12.1	40	
Hexachlorobutadiene	**0.447**	0.10	mg/kg	0.60		74.4	41-99	19.1	40	
Hexachloroethane	**0.588**	0.10	mg/kg	0.60		97.9	45-107	16.7	40	
Indeno (1,2,3-cd) pyrene	**0.559**	0.40	mg/kg	0.60		93.2	28-117	15.1	40	
Isophorone	**0.576**	0.10	mg/kg	0.60		95.9	45-107	14.2	40	
2-Methylnaphthalene	**0.538**	0.10	mg/kg	0.60		89.7	47-97	14.9	40	
Naphthalene	**0.595**	0.10	mg/kg	0.60		99.1	43-104	17.0	40	
Nitrobenzene	**0.655**	0.10	mg/kg	0.60		109	46-114	17.1	40	
2-Nitrophenol	**0.491**	0.20	mg/kg	0.60		81.8	35-106	16.5	40	
N-Nitrosodi-n-propylamine	**0.676**	0.10	mg/kg	0.60		113	37-131	10.9	40	
Pentachlorophenol	**0.226**	0.10	mg/kg	0.60		37.7	28-114	2.36	40	
Phenanthrene	**0.593**	0.10	mg/kg	0.60		98.8	50-106	13.0	40	
Phenol	**0.601**	0.10	mg/kg	0.60		100	39-115	12.1	40	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Semivolatile Organics by GC/MS - Quality Control										
Batch B9F0319 - EPA 3545 MS										
LCS Dup (B9F0319-BSD1) Continued				Prepared & Analyzed: 06/03/19						
Pyrene	**0.612**	0.10	mg/kg	0.60		102	48-122	11.8	40	
1,2,4-Trichlorobenzene	**0.498**	0.10	mg/kg	0.60		83.1	44-93	20.2	40	
2,4,6-Trichlorophenol	**0.452**	0.20	mg/kg	0.60		75.3	42-100	7.68	40	
Surrogate: 2-Fluorobiphenyl	*0.442*		*mg/kg*	*0.50*		*88.4*	*21-126*			
Surrogate: 2-Fluorophenol	*0.905*		*mg/kg*	*1.0*		*90.5*	*24-103*			
Surrogate: Nitrobenzene-d5	*0.623*		*mg/kg*	*0.50*		*125*	*35-125*			
Surrogate: Phenol-d6	*1.02*		*mg/kg*	*1.0*		*102*	*34-99*			
Surrogate: Terphenyl-dl4	*0.601*		*mg/kg*	*0.50*		*120*	*21-158*			
Surrogate: 2,4,6-Tribromophenol	*0.810*		*mg/kg*	*1.0*		*81.0*	*17-114*			
Polychlorinated Biphenyls by GC - Quality Control										
Batch B9F0415 - EPA 3550B										
Blank (B9F0415-BLK1)				Prepared & Analyzed: 06/04/19						
Aroclor-1016	<0.020	0.020	mg/kg							
Aroclor-1221	<0.020	0.020	mg/kg							
Aroclor-1232	<0.020	0.020	mg/kg							
Aroclor-1242	<0.020	0.020	mg/kg							
Aroclor-1248	<0.020	0.020	mg/kg							
Aroclor-1254	<0.020	0.020	mg/kg							
Aroclor-1260	<0.020	0.020	mg/kg							
Surrogate: Decachlorobiphenyl	*0.00546*		*mg/kg*	*0.0050*		*109*	*50-150*			
Surrogate: Tetrachloro-meta-xylene	*0.00417*		*mg/kg*	*0.0050*		*83.5*	*50-150*			
LCS (B9F0415-BS2)				Prepared & Analyzed: 06/04/19						
Aroclor-1016	**0.0471**	0.020	mg/kg	0.050		94.2	71-141			
Aroclor-1260	**0.0415**	0.020	mg/kg	0.050		83.0	55-155			
Surrogate: Decachlorobiphenyl	*0.00546*		*mg/kg*	*0.0050*		*109*	*50-150*			
Surrogate: Tetrachloro-meta-xylene	*0.00416*		*mg/kg*	*0.0050*		*83.1*	*50-150*			
LCS Dup (B9F0415-BSD2)				Prepared & Analyzed: 06/04/19						
Aroclor-1016	**0.0460**	0.020	mg/kg	0.050		92.0	71-141	2.36	40	
Aroclor-1260	**0.0412**	0.020	mg/kg	0.050		82.4	55-155	0.726	40	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Polychlorinated Biphenyls by GC - Quality Control										
Batch B9F0415 - EPA 3550B										
LCS Dup (B9F0415-BSD2) Continued				Prepared & Analyzed: 06/04/19						
Surrogate: Decachlorobiphenyl	*0.00517*		*mg/kg*	*0.0050*		*103*	*50-150*			
Surrogate: Tetrachloro-meta-xylene	*0.00370*		*mg/kg*	*0.0050*		*74.1*	*50-150*			
Organochlorine Pesticides by GC EPA 8081A - Quality Control										
Batch B9F0415 - EPA 3550B										
Blank (B9F0415-BLK1)				Prepared & Analyzed: 06/04/19						
4,4´-DDD	<0.0040	0.0040	mg/kg							
4,4´-DDE	<0.0040	0.0040	mg/kg							
4,4´-DDT	<0.0040	0.0040	mg/kg							
Aldrin	<0.0020	0.0020	mg/kg							
beta-BHC	<0.0020	0.0020	mg/kg							
delta-BHC	<0.0020	0.0020	mg/kg							
alpha-BHC	<0.0020	0.0020	mg/kg							
gamma-BHC (Lindane)	<0.0040	0.0040	mg/kg							
gamma-Chlordane	<0.0040	0.0040	mg/kg							
alpha-Chlordane	<0.0040	0.0040	mg/kg							
Chlordane	<0.020	0.020	mg/kg							
Dieldrin	<0.0020	0.0020	mg/kg							
Endosulfan I	<0.0020	0.0020	mg/kg							
Endosulfan II	<0.0040	0.0040	mg/kg							
Endosulfan sulfate	<0.0040	0.0040	mg/kg							
Endrin	<0.0040	0.0040	mg/kg							
Endrin aldehyde	<0.0040	0.0040	mg/kg							
Endrin ketone	<0.0040	0.0040	mg/kg							
Heptachlor	<0.0020	0.0020	mg/kg							
Heptachlor epoxide	<0.0020	0.0020	mg/kg							
Methoxychlor	<0.020	0.020	mg/kg							
Toxaphene	<0.10	0.10	mg/kg							
Surrogate: Decachlorobiphenyl	*0.00412*		*mg/kg*	*0.0050*		*82.5*	*36-124*			
Surrogate: Tetrachloro-meta-xylene	*0.00386*		*mg/kg*	*0.0050*		*77.1*	*14-130*			
LCS (B9F0415-BS1)				Prepared & Analyzed: 06/04/19						
4,4´-DDD	**0.00543**	0.0040	mg/kg	0.0050		109	78-109			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Organochlorine Pesticides by GC EPA 8081A - Quality Control										
Batch B9F0415 - EPA 3550B										
LCS (B9F0415-BS1) Continued				Prepared & Analyzed: 06/04/19						
4,4´-DDE	**0.00531**	0.0040	mg/kg	0.0050		106	58-120			
4,4´-DDT	**0.00555**	0.0040	mg/kg	0.0050		111	52-116			
Aldrin	**0.00497**	0.0020	mg/kg	0.0050		99.5	55-101			
beta-BHC	**0.00528**	0.0020	mg/kg	0.0050		106	70-122			
delta-BHC	**0.00551**	0.0020	mg/kg	0.0050		110	64-114			
alpha-BHC	**0.00506**	0.0020	mg/kg	0.0050		101	56-102			
gamma-BHC (Lindane)	**0.00525**	0.0040	mg/kg	0.0050		105	62-105			
gamma-Chlordane	**0.00528**	0.0040	mg/kg	0.0050		106	72-108			
alpha-Chlordane	**0.00525**	0.0040	mg/kg	0.0050		105	73-109			
Dieldrin	**0.00509**	0.0020	mg/kg	0.0050		102	63-108			
Endosulfan I	**0.00528**	0.0020	mg/kg	0.0050		106	69-107			
Endosulfan II	**0.00503**	0.0040	mg/kg	0.0050		101	60-140			
Endosulfan sulfate	**0.00474**	0.0040	mg/kg	0.0050		94.8	61-117			
Endrin	**0.00591**	0.0040	mg/kg	0.0050		118	72-121			
Endrin aldehyde	**0.00547**	0.0040	mg/kg	0.0050		109	57-112			
Endrin ketone	**0.00472**	0.0040	mg/kg	0.0050		94.5	64-101			
Heptachlor	**0.00524**	0.0020	mg/kg	0.0050		105	60-140			
Heptachlor epoxide	**0.00551**	0.0020	mg/kg	0.0050		110	60-140			
Methoxychlor	**0.00501**	0.020	mg/kg	0.0050		100	60-123			
Surrogate: Decachlorobiphenyl	*0.00410*		*mg/kg*	*0.0050*		*82.1*	*36-124*			
Surrogate: Tetrachloro-meta-xylene	*0.00407*		*mg/kg*	*0.0050*		*81.3*	*14-130*			
LCS Dup (B9F0415-BSD1)				Prepared & Analyzed: 06/04/19						
4,4´-DDD	**0.00530**	0.0040	mg/kg	0.0050		106	78-109	2.35	40	
4,4´-DDE	**0.00512**	0.0040	mg/kg	0.0050		102	58-120	3.69	40	
4,4´-DDT	**0.00559**	0.0040	mg/kg	0.0050		112	52-116	0.779	40	
Aldrin	**0.00455**	0.0020	mg/kg	0.0050		91.0	55-101	8.88	40	
beta-BHC	**0.00535**	0.0020	mg/kg	0.0050		107	70-122	1.42	40	
delta-BHC	**0.00531**	0.0020	mg/kg	0.0050		106	64-114	3.77	40	
alpha-BHC	**0.00462**	0.0020	mg/kg	0.0050		92.4	56-102	9.11	40	
gamma-BHC (Lindane)	**0.00483**	0.0040	mg/kg	0.0050		96.6	62-105	8.40	40	
gamma-Chlordane	**0.00501**	0.0040	mg/kg	0.0050		100	72-108	5.25	40	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Organochlorine Pesticides by GC EPA 8081A - Quality Control										
Batch B9F0415 - EPA 3550B										
LCS Dup (B9F0415-BSD1) Continued				Prepared & Analyzed: 06/04/19						
alpha-Chlordane	**0.00502**	0.0040	mg/kg	0.0050		100	73-109	4.48	40	
Dieldrin	**0.00486**	0.0020	mg/kg	0.0050		97.1	63-108	4.77	40	
Endosulfan I	**0.00499**	0.0020	mg/kg	0.0050		99.7	69-107	5.65	40	
Endosulfan II	**0.00482**	0.0040	mg/kg	0.0050		96.3	60-140	4.23	40	
Endosulfan sulfate	**0.00458**	0.0040	mg/kg	0.0050		91.5	61-117	3.58	40	
Endrin	**0.00466**	0.0040	mg/kg	0.0050		93.2	72-121	23.6	40	
Endrin aldehyde	**0.00530**	0.0040	mg/kg	0.0050		106	57-112	3.08	40	
Endrin ketone	**0.00452**	0.0040	mg/kg	0.0050		90.4	64-101	4.45	40	
Heptachlor	**0.00480**	0.0020	mg/kg	0.0050		96.1	60-140	8.65	40	
Heptachlor epoxide	**0.00516**	0.0020	mg/kg	0.0050		103	60-140	6.59	40	
Methoxychlor	**0.00469**	0.020	mg/kg	0.0050		93.9	60-123	6.55	40	
Surrogate: Decachlorobiphenyl	*0.00380*		*mg/kg*	*0.0050*		*76.0*	*36-124*			
Surrogate: Tetrachloro-meta-xylene	*0.00332*		*mg/kg*	*0.0050*		*66.4*	*14-130*			
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
Blank (B9E3112-BLK1)				Prepared & Analyzed: 05/31/19						
Acetone	<100	100	ug/kg							
tert-Amyl-Methyl Ether (TAME)	<5.0	5.0	ug/kg							
Benzene	<2.0	2.0	ug/kg							
Bromobenzene	<5.0	5.0	ug/kg							
Bromochloromethane	<5.0	5.0	ug/kg							
Bromodichloromethane	<5.0	5.0	ug/kg							
Bromoform	<5.0	5.0	ug/kg							
Bromomethane	<5.0	5.0	ug/kg							
2-Butanone (MEK)	<50	50	ug/kg							
tert-Butyl Alcohol (TBA)	<50	50	ug/kg							
sec-Butylbenzene	<5.0	5.0	ug/kg							
tert-Butylbenzene	<5.0	5.0	ug/kg							
n-Butylbenzene	<5.0	5.0	ug/kg							
Carbon Disulfide	<5.0	5.0	ug/kg							
Carbon Tetrachloride	<5.0	5.0	ug/kg							



Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
Blank (B9E3112-BLK1) Continued				Prepared & Analyzed: 05/31/19						
Chlorobenzene	<5.0	5.0	ug/kg							
Chloroethane	<5.0	5.0	ug/kg							
Chloroform	<5.0	5.0	ug/kg							
Chloromethane	<5.0	5.0	ug/kg							
2-Chlorotoluene	<5.0	5.0	ug/kg							
4-Chlorotoluene	<5.0	5.0	ug/kg							
1,2-Dibromo-3-chloropropane	<10	10	ug/kg							
Dibromochloromethane	<5.0	5.0	ug/kg							
1,2-Dibromoethane (EDB)	<5.0	5.0	ug/kg							
Dibromomethane	<5.0	5.0	ug/kg							
1,4-Dichlorobenzene	<5.0	5.0	ug/kg							
1,3-Dichlorobenzene	<5.0	5.0	ug/kg							
1,2-Dichlorobenzene	<5.0	5.0	ug/kg							
Dichlorodifluoromethane (R12)	<5.0	5.0	ug/kg							
1,1-Dichloroethane	<5.0	5.0	ug/kg							
1,2-Dichloroethane (EDC)	<5.0	5.0	ug/kg							
trans-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
cis-1,2-Dichloroethylene	<5.0	5.0	ug/kg							
1,1-Dichloroethylene	<5.0	5.0	ug/kg							
2,2-Dichloropropane	<5.0	5.0	ug/kg							
1,3-Dichloropropane	<5.0	5.0	ug/kg							
1,2-Dichloropropane	<5.0	5.0	ug/kg							
trans-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
1,1-Dichloropropylene	<5.0	5.0	ug/kg							
cis-1,3-Dichloropropylene	<5.0	5.0	ug/kg							
Diisopropyl ether (DIPE)	<5.0	5.0	ug/kg							
Ethylbenzene	<2.0	2.0	ug/kg							
Ethyl-tert-Butyl Ether (ETBE)	<5.0	5.0	ug/kg							
Gasoline Range Organics (GRO)	<500	500	ug/kg							
Hexachlorobutadiene	<10	10	ug/kg							
2-Hexanone (MBK)	<50	50	ug/kg							
Isopropylbenzene	<5.0	5.0	ug/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
Blank (B9E3112-BLK1) Continued				Prepared & Analyzed: 05/31/19						
4-Isopropyltoluene	<5.0	5.0	ug/kg							
Methyl-tert-Butyl Ether (MTBE)	<5.0	5.0	ug/kg							
Methylene Chloride	<50	50	ug/kg							
4-Methyl-2-pentanone (MIBK)	<50	50	ug/kg							
Naphthalene	<10	10	ug/kg							
n-Propylbenzene	<5.0	5.0	ug/kg							
Styrene	<5.0	5.0	ug/kg							
1,1,1,2-Tetrachloroethane	<5.0	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	<5.0	5.0	ug/kg							
Tetrachloroethylene (PCE)	<5.0	5.0	ug/kg							
Toluene	<2.0	2.0	ug/kg							
1,2,4-Trichlorobenzene	<5.0	5.0	ug/kg							
1,2,3-Trichlorobenzene	<5.0	5.0	ug/kg							
1,1,2-Trichloroethane	<5.0	5.0	ug/kg							
1,1,1-Trichloroethane	<5.0	5.0	ug/kg							
Trichloroethylene (TCE)	<5.0	5.0	ug/kg							
Trichlorofluoromethane (R11)	<5.0	5.0	ug/kg							
1,2,3-Trichloropropane	<5.0	5.0	ug/kg							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	5.0	ug/kg							
1,3,5-Trimethylbenzene	<5.0	5.0	ug/kg							
1,2,4-Trimethylbenzene	<5.0	5.0	ug/kg							
Vinyl chloride	<5.0	5.0	ug/kg							
o-Xylene	<2.0	2.0	ug/kg							
m,p-Xylenes	<2.0	2.0	ug/kg							
Surrogate: 4-Bromofluorobenzene	*97.7*		*ug/kg*	*100*		*97.7*	*76-177*			
Surrogate: Dibromofluoromethane	*103*		*ug/kg*	*100*		*103*	*85-152*			
Surrogate: Toluene-d8	*105*		*ug/kg*	*100*		*105*	*86-137*			
LCS (B9E3112-BS1)				Prepared & Analyzed: 05/31/19						
Acetone	**43.7**	100	ug/kg	40		109	43-164			
tert-Amyl-Methyl Ether (TAME)	**32.0**	5.0	ug/kg	40		80.0	48-141			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
LCS (B9E3112-BS1) Continued				Prepared & Analyzed: 05/31/19						
Benzene	**32.1**	2.0	ug/kg	40		80.2	75-125			
Bromobenzene	**40.2**	5.0	ug/kg	40		101	70-130			
Bromochloromethane	**36.7**	5.0	ug/kg	40		91.8	66-130			
Bromodichloromethane	**36.9**	5.0	ug/kg	40		92.2	62-125			
Bromoform	**35.9**	5.0	ug/kg	40		89.7	69-137			
Bromomethane	**85.0**	5.0	ug/kg	40		213	50-132			**
2-Butanone (MEK)	**40.2**	50	ug/kg	40		100	46-160			
tert-Butyl Alcohol (TBA)	**191**	50	ug/kg	200		95.5	70-130			
sec-Butylbenzene	**42.9**	5.0	ug/kg	40		107	68-127			
tert-Butylbenzene	**41.5**	5.0	ug/kg	40		104	65-137			
n-Butylbenzene	**43.1**	5.0	ug/kg	40		108	71-128			
Carbon Disulfide	**40.8**	5.0	ug/kg	40		102	56-130			
Carbon Tetrachloride	**39.3**	5.0	ug/kg	40		98.2	54-124			
Chlorobenzene	**38.5**	5.0	ug/kg	40		96.2	70-120			
Chloroethane	**57.1**	5.0	ug/kg	40		143	55-136			**
Chloroform	**40.1**	5.0	ug/kg	40		100	63-119			
Chloromethane	**41.0**	5.0	ug/kg	40		102	42-126			
2-Chlorotoluene	**40.4**	5.0	ug/kg	40		101	74-124			
4-Chlorotoluene	**41.0**	5.0	ug/kg	40		103	78-125			
1,2-Dibromo-3-chloropropane	**40.6**	10	ug/kg	40		101	71-157			
Dibromochloromethane	**38.1**	5.0	ug/kg	40		95.4	75-125			
1,2-Dibromoethane (EDB)	**37.3**	5.0	ug/kg	40		93.3	74-134			
Dibromomethane	**36.5**	5.0	ug/kg	40		91.2	58-135			
1,4-Dichlorobenzene	**40.6**	5.0	ug/kg	40		102	76-121			
1,3-Dichlorobenzene	**42.0**	5.0	ug/kg	40		105	79-122			
1,2-Dichlorobenzene	**43.5**	5.0	ug/kg	40		109	82-125			
Dichlorodifluoromethane (R12)	**42.6**	5.0	ug/kg	40		106	22-133			
1,1-Dichloroethane	**39.1**	5.0	ug/kg	40		97.8	55-126			
1,2-Dichloroethane (EDC)	**39.2**	5.0	ug/kg	40		98.1	49-129			
trans-1,2-Dichloroethylene	**39.8**	5.0	ug/kg	40		99.6	70-121			
cis-1,2-Dichloroethylene	**37.8**	5.0	ug/kg	40		94.5	69-124			
1,1-Dichloroethylene	**41.3**	5.0	ug/kg	40		103	65-121			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
LCS (B9E3112-BS1) Continued				Prepared & Analyzed: 05/31/19						
2,2-Dichloropropane	**34.9**	5.0	ug/kg	40		87.3	70-130			
1,3-Dichloropropane	**36.5**	5.0	ug/kg	40		91.2	76-123			
1,2-Dichloropropane	**39.3**	5.0	ug/kg	40		98.4	66-133			
trans-1,3-Dichloropropylene	**35.4**	5.0	ug/kg	40		88.6	71-119			
1,1-Dichloropropylene	**36.7**	5.0	ug/kg	40		91.8	64-123			
cis-1,3-Dichloropropylene	**36.3**	5.0	ug/kg	40		90.6	71-133			
Diisopropyl ether (DIPE)	**44.6**	5.0	ug/kg	40		111	58-131			
Ethylbenzene	**39.4**	2.0	ug/kg	40		98.6	69-120			
Ethyl-tert-Butyl Ether (ETBE)	**37.8**	5.0	ug/kg	40		94.4	46-143			
Gasoline Range Organics (GRO)	**990**	500	ug/kg	1000		99.0	65-117			
Hexachlorobutadiene	**41.3**	10	ug/kg	40		103	60-139			
2-Hexanone (MBK)	**33.6**	50	ug/kg	40		84.0	48-156			
Isopropylbenzene	**42.5**	5.0	ug/kg	40		106	70-125			
4-Isopropyltoluene	**41.6**	5.0	ug/kg	40		104	71-126			
Methyl-tert-Butyl Ether (MTBE)	**93.0**	5.0	ug/kg	80		116	75-125			
Methylene Chloride	**41.6**	50	ug/kg	40		104	54-128			
4-Methyl-2-pentanone (MIBK)	**28.4**	50	ug/kg	40		71.0	62-167			
Naphthalene	**37.1**	10	ug/kg	40		92.7	72-164			
n-Propylbenzene	**43.2**	5.0	ug/kg	40		108	70-127			
Styrene	**35.0**	5.0	ug/kg	40		87.6	74-114			
1,1,1,2-Tetrachloroethane	**37.9**	5.0	ug/kg	40		94.8	71-121			
1,1,2,2-Tetrachloroethane	**38.1**	5.0	ug/kg	40		95.3	71-140			
Tetrachloroethylene (PCE)	**37.2**	5.0	ug/kg	40		93.1	58-126			
Toluene	**35.5**	2.0	ug/kg	40		88.8	70-118			
1,2,4-Trichlorobenzene	**40.6**	5.0	ug/kg	40		102	77-135			
1,2,3-Trichlorobenzene	**39.6**	5.0	ug/kg	40		99.0	77-140			
1,1,2-Trichloroethane	**38.1**	5.0	ug/kg	40		95.2	72-131			
1,1,1-Trichloroethane	**37.6**	5.0	ug/kg	40		94.0	57-122			
Trichloroethylene (TCE)	**34.1**	5.0	ug/kg	40		85.3	69-119			
Trichlorofluoromethane (R11)	**47.0**	5.0	ug/kg	40		118	60-129			
1,2,3-Trichloropropane	**35.4**	5.0	ug/kg	40		88.4	60-138			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
LCS (B9E3112-BS1) Continued				Prepared & Analyzed: 05/31/19						
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	**30.2**	5.0	ug/kg	40		75.6	51-134			
1,3,5-Trimethylbenzene	**42.1**	5.0	ug/kg	40		105	73-121			
1,2,4-Trimethylbenzene	**41.5**	5.0	ug/kg	40		104	74-124			
Vinyl chloride	**47.8**	5.0	ug/kg	40		119	50-131			
o-Xylene	**35.2**	2.0	ug/kg	40		88.0	74-114			
m,p-Xylenes	**73.2**	2.0	ug/kg	80		91.5	70-117			
Surrogate: 4-Bromofluorobenzene	*90.5*		*ug/kg*	*100*		*90.5*	*76-177*			
Surrogate: Dibromofluoromethane	*98.1*		*ug/kg*	*100*		*98.1*	*85-152*			
Surrogate: Toluene-d8	*103*		*ug/kg*	*100*		*103*	*86-137*			
LCS Dup (B9E3112-BSD1)				Prepared: 05/31/19 Analyzed: 06/01/19						
Acetone	**42.9**	100	ug/kg	40		107	43-164	1.90	30	
tert-Amyl-Methyl Ether (TAME)	**30.6**	5.0	ug/kg	40		76.6	48-141	4.47	30	
Benzene	**32.0**	2.0	ug/kg	40		80.1	75-125	0.0624	30	
Bromobenzene	**40.2**	5.0	ug/kg	40		100	70-130	0.0497	30	
Bromochloromethane	**38.8**	5.0	ug/kg	40		97.0	66-130	5.56	30	
Bromodichloromethane	**38.6**	5.0	ug/kg	40		96.5	62-125	4.50	30	
Bromoform	**36.6**	5.0	ug/kg	40		91.4	69-137	1.88	30	
Bromomethane	**92.3**	5.0	ug/kg	40		231	50-132	8.14	30	**
2-Butanone (MEK)	**37.1**	50	ug/kg	40		92.7	46-160	7.98	30	
tert-Butyl Alcohol (TBA)	**186**	50	ug/kg	200		93.2	70-130	2.37	30	
sec-Butylbenzene	**43.9**	5.0	ug/kg	40		110	68-127	2.26	30	
tert-Butylbenzene	**43.3**	5.0	ug/kg	40		108	65-137	4.20	30	
n-Butylbenzene	**41.2**	5.0	ug/kg	40		103	71-128	4.41	30	
Carbon Disulfide	**40.8**	5.0	ug/kg	40		102	56-130	0.0490	30	
Carbon Tetrachloride	**40.0**	5.0	ug/kg	40		100	54-124	1.97	30	
Chlorobenzene	**37.9**	5.0	ug/kg	40		94.6	70-120	1.57	30	
Chloroethane	**59.4**	5.0	ug/kg	40		148	55-136	3.98	30	**
Chloroform	**42.2**	5.0	ug/kg	40		105	63-119	5.16	30	
Chloromethane	**42.3**	5.0	ug/kg	40		106	42-126	3.31	30	
2-Chlorotoluene	**39.7**	5.0	ug/kg	40		99.2	74-124	1.85	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
LCS Dup (B9E3112-BSD1) Continued				Prepared: 05/31/19 Analyzed: 06/01/19						
4-Chlorotoluene	**40.1**	5.0	ug/kg	40		100	78-125	2.37	30	
1,2-Dibromo-3-chloropropane	**40.2**	10	ug/kg	40		100	71-157	0.892	30	
Dibromochloromethane	**38.0**	5.0	ug/kg	40		95.0	75-125	0.420	30	
1,2-Dibromoethane (EDB)	**37.2**	5.0	ug/kg	40		93.0	74-134	0.268	30	
Dibromomethane	**38.8**	5.0	ug/kg	40		97.0	58-135	6.16	30	
1,4-Dichlorobenzene	**39.2**	5.0	ug/kg	40		97.9	76-121	3.61	30	
1,3-Dichlorobenzene	**41.0**	5.0	ug/kg	40		103	79-122	2.36	30	
1,2-Dichlorobenzene	**43.3**	5.0	ug/kg	40		108	82-125	0.507	30	
Dichlorodifluoromethane (R12)	**43.8**	5.0	ug/kg	40		110	22-133	2.87	30	
1,1-Dichloroethane	**40.2**	5.0	ug/kg	40		101	55-126	2.72	30	
1,2-Dichloroethane (EDC)	**40.6**	5.0	ug/kg	40		102	49-129	3.41	30	
trans-1,2-Dichloroethylene	**39.7**	5.0	ug/kg	40		99.2	70-121	0.402	30	
cis-1,2-Dichloroethylene	**39.0**	5.0	ug/kg	40		97.6	69-124	3.23	30	
1,1-Dichloroethylene	**41.4**	5.0	ug/kg	40		104	65-121	0.242	30	
2,2-Dichloropropane	**34.1**	5.0	ug/kg	40		85.2	70-130	2.38	30	
1,3-Dichloropropane	**35.5**	5.0	ug/kg	40		88.8	76-123	2.67	30	
1,2-Dichloropropane	**41.2**	5.0	ug/kg	40		103	66-133	4.72	30	
trans-1,3-Dichloropropylene	**36.1**	5.0	ug/kg	40		90.2	71-119	1.73	30	
1,1-Dichloropropylene	**36.9**	5.0	ug/kg	40		92.2	64-123	0.381	30	
cis-1,3-Dichloropropylene	**33.9**	5.0	ug/kg	40		84.6	71-133	6.85	30	
Diisopropyl ether (DIPE)	**44.2**	5.0	ug/kg	40		110	58-131	0.902	30	
Ethylbenzene	**38.2**	2.0	ug/kg	40		95.6	69-120	3.14	30	
Ethyl-tert-Butyl Ether (ETBE)	**37.6**	5.0	ug/kg	40		94.0	46-143	0.424	30	
Gasoline Range Organics (GRO)	**902**	500	ug/kg	1000		90.2	65-117	9.30	30	
Hexachlorobutadiene	**40.5**	10	ug/kg	40		101	60-139	2.05	30	
2-Hexanone (MBK)	**33.8**	50	ug/kg	40		84.4	48-156	0.416	30	
Isopropylbenzene	**42.8**	5.0	ug/kg	40		107	70-125	0.656	30	
4-Isopropyltoluene	**41.1**	5.0	ug/kg	40		103	71-126	1.16	30	
Methyl-tert-Butyl Ether (MTBE)	**90.0**	5.0	ug/kg	80		112	75-125	3.30	30	
Methylene Chloride	**45.1**	50	ug/kg	40		113	54-128	8.21	30	
4-Methyl-2-pentanone (MIBK)	**27.6**	50	ug/kg	40		68.9	62-167	2.93	30	
Naphthalene	**34.8**	10	ug/kg	40		87.1	72-164	6.23	30	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPHG by GC/MS EPA 5035 - Quality Control										
Batch B9E3112 - EPA 5035										
LCS Dup (B9E3112-BSD1) Continued				Prepared: 05/31/19 Analyzed: 06/01/19						
n-Propylbenzene	**43.1**	5.0	ug/kg	40		108	70-127	0.139	30	
Styrene	**34.3**	5.0	ug/kg	40		85.6	74-114	2.25	30	
1,1,1,2-Tetrachloroethane	**36.9**	5.0	ug/kg	40		92.2	71-121	2.83	30	
1,1,2,2-Tetrachloroethane	**39.3**	5.0	ug/kg	40		98.4	71-140	3.15	30	
Tetrachloroethylene (PCE)	**34.6**	5.0	ug/kg	40		86.4	58-126	7.41	30	
Toluene	**34.7**	2.0	ug/kg	40		86.8	70-118	2.33	30	
1,2,4-Trichlorobenzene	**35.5**	5.0	ug/kg	40		88.8	77-135	13.4	30	
1,2,3-Trichlorobenzene	**36.4**	5.0	ug/kg	40		90.9	77-140	8.53	30	
1,1,2-Trichloroethane	**37.9**	5.0	ug/kg	40		94.8	72-131	0.421	30	
1,1,1-Trichloroethane	**39.1**	5.0	ug/kg	40		97.8	57-122	3.91	30	
Trichloroethylene (TCE)	**34.8**	5.0	ug/kg	40		87.1	69-119	2.09	30	
Trichlorofluoromethane (R11)	**50.0**	5.0	ug/kg	40		125	60-129	6.18	30	
1,2,3-Trichloropropane	**35.9**	5.0	ug/kg	40		89.8	60-138	1.63	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	**47.8**	5.0	ug/kg	40		120	51-134	45.1	30	AA-C1
1,3,5-Trimethylbenzene	**41.5**	5.0	ug/kg	40		104	73-121	1.34	30	
1,2,4-Trimethylbenzene	**41.1**	5.0	ug/kg	40		103	74-124	0.969	30	
Vinyl chloride	**48.0**	5.0	ug/kg	40		120	50-131	0.585	30	
o-Xylene	**36.0**	2.0	ug/kg	40		89.9	74-114	2.14	30	
m,p-Xylenes	**71.8**	2.0	ug/kg	80		89.8	70-117	1.88	30	
Surrogate: 4-Bromofluorobenzene	*92.2*		*ug/kg*	*100*		*92.2*	*76-177*			
Surrogate: Dibromofluoromethane	*107*		*ug/kg*	*100*		*107*	*85-152*			
Surrogate: Toluene-d8	*102*		*ug/kg*	*100*		*102*	*86-137*			
Carbon Chain by GC/FID - Quality Control										
Batch B9F0324 - EPA 3550B										
Blank (B9F0324-BLK1)				Prepared: 06/03/19 Analyzed: 06/04/19						
C6-C8	<1.0	1.0	mg/kg							
C8-C10	<1.0	1.0	mg/kg							
C10-C12	<1.0	1.0	mg/kg							
C12-C14	<1.0	1.0	mg/kg							
C14-C16	<1.0	1.0	mg/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Carbon Chain by GC/FID - Quality Control										
Batch B9F0324 - EPA 3550B										
Blank (B9F0324-BLK1) Continued				Prepared: 06/03/19 Analyzed: 06/04/19						
C16-C18	<1.0	1.0	mg/kg							
C18-C20	<1.0	1.0	mg/kg							
C20-C22	<1.0	1.0	mg/kg							
C22-C24	<1.0	1.0	mg/kg							
C24-C26	<1.0	1.0	mg/kg							
C26-C28	<1.0	1.0	mg/kg							
C28-C32	<1.0	1.0	mg/kg							
C32-C34	<1.0	1.0	mg/kg							
C34-C36	<1.0	1.0	mg/kg							
C36-C40	<1.0	1.0	mg/kg							
C40-C44	<1.0	1.0	mg/kg							
TPH (C6-C44)	<10	10	mg/kg							
Surrogate: o-Terphenyl	*9.96*		*mg/kg*	*10*		*99.6*	*50-150*			
LCS (B9F0324-BS1)				Prepared: 06/03/19 Analyzed: 06/04/19						
Diesel Range Organics as Diesel	**209**	10	mg/kg	200		105	75-125			
Surrogate: o-Terphenyl	*13.9*		*mg/kg*	*10*		*139*	*50-150*			
LCS Dup (B9F0324-BSD1)				Prepared: 06/03/19 Analyzed: 06/04/19						
Diesel Range Organics as Diesel	**236**	10	mg/kg	200		118	75-125	12.0	40	
Surrogate: o-Terphenyl	*13.2*		*mg/kg*	*10*		*132*	*50-150*			
Matrix Spike (B9F0324-MS1)		**Source: 9E30003-10**		Prepared: 06/03/19 Analyzed: 06/04/19						
Diesel Range Organics as Diesel	**221**	10	mg/kg	200		110	70-130			
Surrogate: o-Terphenyl	*12.4*		*mg/kg*	*10*		*124*	*50-150*			
Matrix Spike Dup (B9F0324-MSD1)		**Source: 9E30003-10**		Prepared: 06/03/19 Analyzed: 06/04/19						
Diesel Range Organics as Diesel	**230**	10	mg/kg	200		115	70-130	4.28	40	
Surrogate: o-Terphenyl	*11.9*		*mg/kg*	*10*		*119*	*50-150*			
Total Metals CAM 17 - Quality Control										
Batch B9F0337 - EPA 3050B										
Blank (B9F0337-BLK1)				Prepared: 06/03/19 Analyzed: 06/04/19						
Antimony	<10	10	mg/kg							

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals CAM 17 - Quality Control										
Batch B9F0337 - EPA 3050B										
Blank (B9F0337-BLK1) Continued				Prepared: 06/03/19 Analyzed: 06/04/19						
Arsenic	<0.50	0.50	mg/kg							
Barium	<10	10	mg/kg							
Beryllium	<1.0	1.0	mg/kg							
Cadmium	<1.0	1.0	mg/kg							
Chromium	<3.0	3.0	mg/kg							
Cobalt	<3.0	3.0	mg/kg							
Copper	<3.0	3.0	mg/kg							
Lead	<3.0	3.0	mg/kg							
Molybdenum	<5.0	5.0	mg/kg							
Nickel	<3.0	3.0	mg/kg							
Selenium	<0.50	0.50	mg/kg							
Silver	<1.0	1.0	mg/kg							
Thallium	<5.0	5.0	mg/kg							
Vanadium	<10	10	mg/kg							
Zinc	<3.0	3.0	mg/kg							
LCS (B9F0337-BS1)				Prepared: 06/03/19 Analyzed: 06/04/19						
Antimony	**51.9**	10	mg/kg	50		104	90-121			
Arsenic	**48.1**	0.50	mg/kg	50		96.1	88-115			
Barium	**48.8**	10	mg/kg	50		97.5	88-114			
Beryllium	**49.8**	1.0	mg/kg	50		99.7	9-124			
Cadmium	**50.9**	1.0	mg/kg	50		102	88-120			
Chromium	**48.1**	3.0	mg/kg	50		96.2	88-114			
Cobalt	**49.0**	3.0	mg/kg	50		98.0	91-117			
Copper	**46.2**	3.0	mg/kg	50		92.3	85-115			
Lead	**52.7**	3.0	mg/kg	50		105	89-117			
Molybdenum	**52.9**	5.0	mg/kg	50		106	91-124			
Nickel	**49.7**	3.0	mg/kg	50		99.4	88-116			
Selenium	**50.1**	0.50	mg/kg	50		100	90-124			
Silver	**48.6**	1.0	mg/kg	50		97.2	88-115			
Thallium	**50.0**	5.0	mg/kg	50		99.9	82-134			
Vanadium	**49.2**	10	mg/kg	50		98.4	92-116			
Zinc	**51.2**	3.0	mg/kg	50		102	91-127			

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals CAM 17 - Quality Control										
Batch B9F0337 - EPA 3050B										
LCS Dup (B9F0337-BSD1)				Prepared: 06/03/19 Analyzed: 06/04/19						
Antimony	**53.3**	10	mg/kg	50		107	90-121	2.81	20	
Arsenic	**50.2**	0.50	mg/kg	50		100	88-115	4.43	20	
Barium	**50.0**	10	mg/kg	50		100	88-114	2.51	20	
Beryllium	**51.3**	1.0	mg/kg	50		103	9-124	2.87	20	
Cadmium	**52.4**	1.0	mg/kg	50		105	88-120	2.79	20	
Chromium	**49.6**	3.0	mg/kg	50		99.2	88-114	3.09	20	
Cobalt	**50.6**	3.0	mg/kg	50		101	91-117	3.17	20	
Copper	**47.4**	3.0	mg/kg	50		94.8	85-115	2.69	20	
Lead	**54.4**	3.0	mg/kg	50		109	89-117	3.04	20	
Molybdenum	**56.6**	5.0	mg/kg	50		113	91-124	6.68	20	
Nickel	**51.6**	3.0	mg/kg	50		103	88-116	3.69	20	
Selenium	**52.7**	0.50	mg/kg	50		105	90-124	4.98	20	
Silver	**50.1**	1.0	mg/kg	50		100	88-115	3.00	20	
Thallium	**50.9**	5.0	mg/kg	50		102	82-134	1.90	20	
Vanadium	**50.6**	10	mg/kg	50		101	92-116	2.81	20	
Zinc	**52.7**	3.0	mg/kg	50		105	91-127	2.83	20	
Duplicate (B9F0337-DUP1)				**Source: 9E30004-01** Prepared: 06/03/19 Analyzed: 06/04/19						
Antimony	**<10**	10	mg/kg						40	
Arsenic	**0.680**	0.50	mg/kg		0.530			24.8	40	
Barium	**117**	10	mg/kg		120			3.29	40	
Beryllium	**<1.0**	1.0	mg/kg						40	
Cadmium	**<1.0**	1.0	mg/kg						40	
Chromium	**12.7**	3.0	mg/kg		15.1			17.8	40	
Cobalt	**7.19**	3.0	mg/kg		8.26			13.9	40	
Copper	**<3.0**	3.0	mg/kg						40	
Lead	**<3.0**	3.0	mg/kg						40	
Molybdenum	**<5.0**	5.0	mg/kg						40	
Nickel	**6.88**	3.0	mg/kg		10.6			42.6	40	AA-C1
Selenium	**<0.50**	0.50	mg/kg						40	
Silver	**<1.0**	1.0	mg/kg						40	
Thallium	**<5.0**	5.0	mg/kg						40	
Vanadium	**35.3**	10	mg/kg		39.4			10.8	40	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals CAM 17 - Quality Control										
Batch B9F0337 - EPA 3050B										
Duplicate (B9F0337-DUP1) Continued	**Source: 9E30004-01**			Prepared: 06/03/19			Analyzed: 06/04/19			
Zinc	**36.6**	3.0	mg/kg		41.2			11.8	40	
Matrix Spike (B9F0337-MS1)	**Source: 9E30003-17**			Prepared: 06/03/19			Analyzed: 06/04/19			
Antimony	**9.19**	10	mg/kg	50	<10	18.4	22-76			QM-07
Arsenic	**44.2**	0.50	mg/kg	50	1.29	85.9	78-112			
Barium	**186**	10	mg/kg	50	136	100	40-161			
Beryllium	**49.5**	1.0	mg/kg	50	<1.0	99.1	83-118			
Cadmium	**40.2**	1.0	mg/kg	50	<1.0	80.4	61-96			
Chromium	**62.8**	3.0	mg/kg	50	11.5	103	81-115			
Cobalt	**53.4**	3.0	mg/kg	50	6.60	93.6	80-109			
Copper	**47.3**	3.0	mg/kg	50	<3.0	94.6	75-125			
Lead	**52.2**	3.0	mg/kg	50	6.18	92.1	70-129			
Molybdenum	**48.5**	5.0	mg/kg	50	<5.0	97.0	87-119			
Nickel	**50.8**	3.0	mg/kg	50	5.31	91.1	75-106			
Selenium	**34.4**	0.50	mg/kg	50	<0.50	68.8	63-107			
Silver	**47.1**	1.0	mg/kg	50	<1.0	94.2	87-119			
Thallium	**38.2**	5.0	mg/kg	50	<5.0	76.5	47-129			
Vanadium	**88.7**	10	mg/kg	50	33.7	110	84-125			
Zinc	**94.0**	3.0	mg/kg	50	30.8	126	71-126			
Matrix Spike Dup (B9F0337-MSD1)	**Source: 9E30003-17**			Prepared: 06/03/19			Analyzed: 06/04/19			
Antimony	**12.6**	10	mg/kg	50	<10	25.1	22-76	31.0	40	
Arsenic	**47.3**	0.50	mg/kg	50	1.29	91.9	78-112	6.62	40	
Barium	**179**	10	mg/kg	50	136	87.0	40-161	3.62	40	
Beryllium	**50.2**	1.0	mg/kg	50	<1.0	100	83-118	1.34	40	
Cadmium	**41.9**	1.0	mg/kg	50	<1.0	83.7	61-96	4.09	40	
Chromium	**62.4**	3.0	mg/kg	50	11.5	102	81-115	0.623	40	
Cobalt	**53.8**	3.0	mg/kg	50	6.60	94.5	80-109	0.839	40	
Copper	**49.4**	3.0	mg/kg	50	<3.0	98.7	75-125	4.24	40	
Lead	**54.4**	3.0	mg/kg	50	6.18	96.4	70-129	4.02	40	
Molybdenum	**52.0**	5.0	mg/kg	50	<5.0	104	87-119	6.95	40	
Nickel	**51.4**	3.0	mg/kg	50	5.31	92.3	75-106	1.17	40	
Selenium	**35.6**	0.50	mg/kg	50	<0.50	71.2	63-107	3.46	40	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (PH)
Project No: 093-DUKE-015.1
Project Name: Rider Street

AA Project No: A596227
Date Received: 05/30/19
Date Reported: 06/10/19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Total Metals CAM 17 - Quality Control										
Batch B9F0337 - EPA 3050B										
Matrix Spike Dup (B9F0337-MSD1) Continued		**Source: 9E30003-17**		Prepared: 06/03/19 Analyzed: 06/04/19						
Silver	**50.1**	1.0	mg/kg	50	<1.0	100	87-119	6.24	40	
Thallium	**39.6**	5.0	mg/kg	50	<5.0	79.1	47-129	3.39	40	
Vanadium	**86.6**	10	mg/kg	50	33.7	106	84-125	2.37	40	
Zinc	**103**	3.0	mg/kg	50	30.8	145	71-126	9.34	40	QM-07
Total Metals CAM 17 - Quality Control										
Batch B9F0420 - EPA 7471A Prep										
Blank (B9F0420-BLK1)				Prepared & Analyzed: 06/04/19						
Mercury	<0.020	0.020	mg/kg							
LCS (B9F0420-BS1)				Prepared & Analyzed: 06/04/19						
Mercury	**0.502**	0.020	mg/kg	0.50		100	87-112			
LCS Dup (B9F0420-BSD1)				Prepared & Analyzed: 06/04/19						
Mercury	**0.500**	0.020	mg/kg	0.50		100	87-112	0.499	25	
Duplicate (B9F0420-DUP1)		**Source: 9E30004-01**		Prepared & Analyzed: 06/04/19						
Mercury	**<0.020**	0.020	mg/kg						25	
Matrix Spike (B9F0420-MS1)		**Source: 9E30003-17**		Prepared & Analyzed: 06/04/19						
Mercury	**0.515**	0.020	mg/kg	0.50	<0.020	103	77-123			
Matrix Spike Dup (B9F0420-MSD1)		**Source: 9E30003-17**		Prepared & Analyzed: 06/04/19						
Mercury	**0.516**	0.020	mg/kg	0.50	<0.020	103	77-123	0.0970	25	

Viorel Vasile
Operations Manager

LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (PH)	**AA Project No:**	A596227
Project No:	093-DUKE-015.1	**Date Received:**	05/30/19
Project Name:	Rider Street	**Date Reported:**	06/10/19

Special Notes

[1] = ****** : Exceeds upper control limit.

[2] = **AA-C1** : Exceeds RPD limit.

[3] = **QM-07** : The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

[4] = **S-01** : The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference's.

Viorel Vasile
Operations Manager

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

American Analytics
9765 Eton Avenue
Chatsworth, CA 91311-4306

Number of Pages	**14**
Date Received	**05/31/2019**
Date Reported	**06/07/2019**

Telephone: (818)998-5547
Attention: Viorel Vasile

Job Number	Order Date	Client
98235	05/31/2019	AA

Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

Enclosed please find results of analyses of 8 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

AETL

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311
Tel: 818-998-5547 FAX: 818-998-7258

98235

A.A. COC No.: 70055900

Client: AMERICAN ANALYTICS	**Project Name / No.:** A596227/9E30003	**Sampler's Name:**	
Project Manager: Vlael Vasile	**Site Address:**	**Sampler's Signature:**	
Phone:	**City:**	**P.O. No.:** 3U803769-A596227	
Fax:	**State & Zip:**	**Quote No.:**	

TAT Turnaround Codes **

(1) = Same Day Rush
(2) = 24 Hour Rush
(3) = 48 Hour Rush
(4) = 72 Hour Rush
(5) = 5 Day Rush
X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	8141A	8151A								Special Instructions
						Please enter the TAT Turnaround Codes ** below									
9E30003-11	98235.01	5/29/19	1145	SOIL	1		X								
-14	98235.02		1110		1		X								Normal TAT
-17	98235.03		1000		1	X	X								
-20	98235.04		0940		1	X	X								Thank you
-23	98235.05		1015		1	X	X								
-26	98235.06		0845		1	X	X								
-29	98235.07		1028		1	X	X								
-32	98235.08		1050		1	X	X								

For Laboratory Use	Relinquished by	Date	Time	Received by
		5/31/19	8:30	
	Relinquished by	Date	Time	Received by
	Relinquished by	Date	Time	Received by
A.A. Project No.:				

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

COOLER RECEIPT FORM

Client Name: American Analy.
Project Name:
AETL Job Number: 98235
Date Received: 05/31/19 Received by: Ant-/Sergio
Carrier: ☐ AETL Courier ☒ Client ☐ GSO ☐ FedEx ☐ UPS
☐ Others:

Samples were received in: ☒ Cooler (/) ☐ Other (Specify):
Inside temperature of shipping container No 1: 3.4°C, No 2: _____, No 3: _____
Type of sample containers: ☐ VOA, ☐ Glass bottles, ☐ ☐Wide mouth jars, ☐ ☐HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify): 8xPlTube
How are samples preserved: ☐ None, ☐ Ice , ☒ Blue Ice, ☐ Dry Ice
☒ None, ☐ HNO_3, ☐ NaOH, ☐ ZnOAc, ☐ HCl, ☐ $Na_2S_2O_3$, ☐ MeOH
☐ Other (Specify):

	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	X		
2. Are the Sample labels legible?	X		
3. Do samples match the COC?	X		
4. Are the required analyses clear?	X		
5. Is there enough samples for required analysis?	X		
6. Are samples sealed with evidence tape?		X	
7. Are sample containers in good condition?	X		
8. Are samples preserved?	X		
9. Are samples preserved properly for the intended analysis?	X		
10. Are the VOAs free of headspace?	N/A		
11. Are the jars free of headspace?	1		

Explain all "No" answers for above questions:

American Environmental Testing Laboratory Inc.
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Ordered By

American Analytics
9765 Eton Avenue
Chatsworth, CA 91311-4306

Telephone: (818)998-5547
Attention: Viorel Vasile

Project ID: A596227/9E30003
Date Received 05/31/2019
Date Reported 06/07/2019

Job Number	Order Date	Client
98235	05/31/2019	AA

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 8 samples with the following specification on 05/31/2019.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
98235.01	9E30003-11	05/29/2019	Soil	1
98235.02	9E30003-14	05/29/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(8151A)	06/07/2019	2	Normal	ug/Kg

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
98235.03	9E30003-17	05/29/2019	Soil	1
98235.04	9E30003-20	05/29/2019	Soil	1
98235.05	9E30003-23	05/29/2019	Soil	1
98235.06	9E30003-26	05/29/2019	Soil	1
98235.07	9E30003-29	05/29/2019	Soil	1
98235.08	9E30003-32	05/29/2019	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(8141A)	06/07/2019	2	Normal	ug/Kg
(8151A)	06/07/2019	2	Normal	ug/Kg

The samples were analyzed as specified on the enclosed chain of custody.
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8141A), Organophosphorus Compounds by GC/NPD/FPD

QC Batch No: 0605191B1

Our Lab I.D.			Method Blank	98235.03	98235.04	98235.05	98235.06
Client Sample I.D.				9E30003-17	9E30003-20	9E30003-23	9E30003-26
Date Sampled				05/29/2019	05/29/2019	05/29/2019	05/29/2019
Date Prepared			06/05/2019	06/05/2019	06/05/2019	06/05/2019	06/05/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/06/2019	06/06/2019	06/06/2019	06/06/2019	06/06/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Azinphos-methyl	50	50	ND	ND	ND	ND	ND
Bolstar (Sulprofos)	50	50	ND	ND	ND	ND	ND
Chloropyrifos (Dursban)	50	50	ND	ND	ND	ND	ND
Coumaphos	50	50	ND	ND	ND	ND	ND
Demeton-O & S	50	50	ND	ND	ND	ND	ND
Diazinon	50	50	ND	ND	ND	ND	ND
Dichlorvos (DDVP, Diclorovos)	50	50	ND	ND	ND	ND	ND
Disulfoton	50	50	ND	ND	ND	ND	ND
Ethoprop	50	50	ND	ND	ND	ND	ND
Fensulfothion	50	50	ND	ND	ND	ND	ND
Fenthion	50	50	ND	ND	ND	ND	ND
Malathion	50	50	ND	ND	ND	ND	ND
Merphos	50	50	ND	ND	ND	ND	ND
Methyl parathion (Parathion methyl)	50	50	ND	ND	ND	ND	ND
Mevinphos	100	100	ND	ND	ND	ND	ND
Naled	100	100	ND	ND	ND	ND	ND
Phorate (Phosphorodithioic acid)	50	50	ND	ND	ND	ND	ND
Ronnel	50	50	ND	ND	ND	ND	ND
Tetrachlorvinphos (Stirophos)	50	50	ND	ND	ND	ND	ND
Tokuthion (Prothiofos)	50	50	ND	ND	ND	ND	ND
Trichloronate	50	50	ND	ND	ND	ND	ND

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ANALYTICAL RESULTS

Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8141A), Organophosphorus Compounds by GC/NPD/FPD

Our Lab I.D.			Method Blank	98235.03	98235.04	98235.05	98235.06
Surrogates	%Rec.Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
Tributylphosphate	52-129		75.2	70.8	82.8	82.8	73.2

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8141A), Organophosphorus Compounds by GC/NPD/FPD

QC Batch No: 0605191B1

Our Lab I.D.			98235.07	98235.08			
Client Sample I.D.			9E30003-29	9E30003-32			
Date Sampled			05/29/2019	05/29/2019			
Date Prepared			06/05/2019	06/05/2019			
Preparation Method			3550B	3550B			
Date Analyzed			06/06/2019	06/06/2019			
Matrix			Soil	Soil			
Units			ug/Kg	ug/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Azinphos-methyl	50	50	ND	ND			
Bolstar (Sulprofos)	50	50	ND	ND			
Chloropyrifos (Dursban)	50	50	ND	ND			
Coumaphos	50	50	ND	ND			
Demeton-O & S	50	50	ND	ND			
Diazinon	50	50	ND	ND			
Dichlorvos (DDVP, Diclorovos)	50	50	ND	ND			
Disulfoton	50	50	ND	ND			
Ethoprop	50	50	ND	ND			
Fensulfothion	50	50	ND	ND			
Fenthion	50	50	ND	ND			
Malathion	50	50	ND	ND			
Merphos	50	50	ND	ND			
Methyl parathion (Parathion methyl)	50	50	ND	ND			
Mevinphos	100	100	ND	ND			
Naled	100	100	ND	ND			
Phorate (Phosphorodithioic acid)	50	50	ND	ND			
Ronnel	50	50	ND	ND			
Tetrachlorvinphos (Stirophos)	50	50	ND	ND			
Tokuthion (Prothiofos)	50	50	ND	ND			
Trichloronate	50	50	ND	ND			

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ANALYTICAL RESULTS

Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8141A), Organophosphorus Compounds by GC/NPD/FPD

Our Lab I.D.			98235.07	98235.08			
Surrogates	%Rec.Limit		% Rec.	% Rec.			
Tributylphosphate	52-129		75.2	53.2			

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

QC Batch No: 060319MB1

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			06/03/2019				
Preparation Method			3550B				
Date Analyzed			06/03/2019				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Acifluorfen	20	20	ND				
Bentazon	10	10	ND				
Chloramben	10	10	ND				
2,4-D	10	10	ND				
Dalapon	20	20	ND				
2,4-DB	10	10	ND				
DCPA diacid	20	20	ND				
Dicamba	10	10	ND				
3,5-Dichlorobenzoic acid	10	10	ND				
Dichloroprop	10	10	ND				
Dinoseb (DNBP, 2-sec-Butyl-4, 6-dinitrophenol)	20	20	ND				
MCPA	2000	2000	ND				
MCPP	2000	2000	ND				
4-Nitrophenol	10	10	ND				
Pentachlorophenol (PCP)	10	10	ND				
Picloram	10	10	ND				
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	10	10	ND				
2,4,5-TP	10	10	ND				
Our Lab I.D.			Method Blank				
Surrogates	**%Rec.Limit**		**% Rec.**				
DCAA	40-150		64.0				

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

QC Batch No: 060319MB1

Our Lab I.D.			**98235.01**				
Client Sample I.D.			9E30003-11				
Date Sampled			05/29/2019				
Date Prepared			06/03/2019				
Preparation Method			3550B				
Date Analyzed			06/03/2019				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			5				
Analytes	**MDL**	**PQL**	**Results**				
Acifluorfen	100	100	ND				
Bentazon	50	50	ND				
Chloramben	50	50	ND				
2,4-D	50	50	ND				
Dalapon	100	100	ND				
2,4-DB	50	50	ND				
DCPA diacid	100	100	ND				
Dicamba	50	50	ND				
3,5-Dichlorobenzoic acid	50	50	ND				
Dichloroprop	50	50	ND				
Dinoseb (DNBP, 2-sec-Butyl-4, 6-dinitrophenol)	100	100	ND				
MCPA	10000	10000	ND				
MCPP	10000	10000	ND				
4-Nitrophenol	50	50	ND				
Pentachlorophenol (PCP)	50	50	ND				
Picloram	50	50	ND				
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	50	50	ND				
2,4,5-TP	50	50	ND				

Comment(s):
98235.01: Analyzed under dilution due to matrix interference

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ANALYTICAL RESULTS

Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

Our Lab I.D.			98235.01				
Surrogates	%Rec.Limit		% Rec.				
DCAA	40-150		87.4				

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

QC Batch No: 060319MB1

Our Lab I.D.			**98235.02**				
Client Sample I.D.			9E30003-14				
Date Sampled			05/29/2019				
Date Prepared			06/03/2019				
Preparation Method			3550B				
Date Analyzed			06/03/2019				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Acifluorfen	40	40	ND				
Bentazon	20	20	ND				
Chloramben	20	20	ND				
2,4-D	20	20	ND				
Dalapon	40	40	ND				
2,4-DB	20	20	ND				
DCPA diacid	40	40	ND				
Dicamba	20	20	ND				
3,5-Dichlorobenzoic acid	20	20	ND				
Dichloroprop	20	20	ND				
Dinoseb (DNBP, 2-sec-Butyl-4, 6-dinitrophenol)	40	40	ND				
MCPA	4000	4000	ND				
MCPP	4000	4000	ND				
4-Nitrophenol	20	20	ND				
Pentachlorophenol (PCP)	20	20	ND				
Picloram	20	20	ND				
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	20	20	ND				
2,4,5-TP	20	20	ND				

Comment(s):
98235.02: Analyzed under dilution due to matrix interference

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ANALYTICAL RESULTS

Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

Our Lab I.D.			98235.02				
Surrogates	%Rec.Limit		% Rec.				
DCAA	40-150		51.6				

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

QC Batch No: 060319MB1

Our Lab I.D.			98235.03	98235.04	98235.05	98235.06	98235.07
Client Sample I.D.			9E30003-17	9E30003-20	9E30003-23	9E30003-26	9E30003-29
Date Sampled			05/29/2019	05/29/2019	05/29/2019	05/29/2019	05/29/2019
Date Prepared			06/03/2019	06/03/2019	06/03/2019	06/03/2019	06/03/2019
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/03/2019	06/03/2019	06/03/2019	06/03/2019	06/03/2019
Matrix			Soil	Soil	Soil	Soil	Soil
Units			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Acifluorfen	20	20	ND	ND	ND	ND	ND
Bentazon	10	10	ND	ND	ND	ND	ND
Chloramben	10	10	ND	ND	ND	ND	ND
2,4-D	10	10	ND	ND	ND	ND	ND
Dalapon	20	20	ND	ND	ND	ND	ND
2,4-DB	10	10	ND	ND	ND	ND	ND
DCPA diacid	20	20	ND	ND	ND	ND	ND
Dicamba	10	10	ND	ND	ND	ND	ND
3,5-Dichlorobenzoic acid	10	10	ND	ND	ND	ND	ND
Dichloroprop	10	10	ND	ND	ND	ND	ND
Dinoseb (DNBP, 2-sec-Butyl-4, 6-dinitrophenol)	20	20	ND	ND	ND	ND	ND
MCPA	2000	2000	ND	ND	ND	ND	ND
MCPP	2000	2000	ND	ND	ND	ND	ND
4-Nitrophenol	10	10	ND	ND	ND	ND	ND
Pentachlorophenol (PCP)	10	10	ND	ND	ND	ND	ND
Picloram	10	10	ND	ND	ND	ND	ND
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	10	10	ND	ND	ND	ND	ND
2,4,5-TP	10	10	ND	ND	ND	ND	ND
Our Lab I.D.			**98235.03**	**98235.04**	**98235.05**	**98235.06**	**98235.07**
Surrogates	**%Rec.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
DCAA	40-150		74.8	76.4	70.2	78.4	73.2

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

QC Batch No: 060319MB1

Our Lab I.D.			**98235.08**				
Client Sample I.D.			9E30003-32				
Date Sampled			05/29/2019				
Date Prepared			06/03/2019				
Preparation Method			3550B				
Date Analyzed			06/03/2019				
Matrix			Soil				
Units			ug/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Acifluorfen	20	20	ND				
Bentazon	10	10	ND				
Chloramben	10	10	ND				
2,4-D	10	10	ND				
Dalapon	20	20	ND				
2,4-DB	10	10	ND				
DCPA diacid	20	20	ND				
Dicamba	10	10	ND				
3,5-Dichlorobenzoic acid	10	10	ND				
Dichloroprop	10	10	ND				
Dinoseb (DNBP, 2-sec-Butyl-4, 6-dinitrophenol)	20	20	ND				
MCPA	2000	2000	ND				
MCPP	2000	2000	ND				
4-Nitrophenol	10	10	ND				
Pentachlorophenol (PCP)	10	10	ND				
Picloram	10	10	ND				
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	10	10	ND				
2,4,5-TP	10	10	ND				
Our Lab I.D.			**98235.08**				
Surrogates	**%Rec.Limit**		**% Rec.**				
DCAA	40-150		65.0				

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8141A), Organophosphorus Compounds by GC/NPD/FPD

QC Batch No: 0605191B1; Dup or Spiked Sample: 98313.01; LCS: Clean Sand; QC Prepared: 06/05/2019; QC Analyzed: 06/06/2019; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Bolstar (Sulprofos)	0.00	200	159	79.5	200	174	87.0	9.0	50-150	<40
Ethoprop	0.00	200	143	71.5	200	156	78.0	8.7	50-150	<40
Phorate (Phosphorodithioic acid)	0.00	200	148	74.0	200	161	80.5	8.4	50-150	<40
Ronnel	0.00	200	148	74.0	200	165	82.5	10.9	50-150	<40
Surrogates										
Tributylphosphate	0.00	250	182	72.8	250	200	80.0	9.4	50-150	<40

QC Batch No: 0605191B1; Dup or Spiked Sample: 98313.01; LCS: Clean Sand; QC Prepared: 06/05/2019; QC Analyzed: 06/06/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Bolstar (Sulprofos)	200	180	90.0	200	192	96.0	6.5	50-150	<40	
Ethoprop	200	155	77.5	200	166	83.0	6.9	50-150	<40	
Phorate (Phosphorodithioic acid)	200	159	79.5	200	170	85.0	6.7	50-150	<40	
Ronnel	200	147	73.5	200	154	77.0	4.7	50-150	<40	
Surrogates										
Tributylphosphate	250	200	80.0	250	212	84.8	5.8	50-150	<40	

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Project ID: A596227/9E30003
Project Name: PO# SUB03769-A596227

AETL Job Number	Submitted	Client
98235	05/31/2019	AA

Method: (8151A), Chlorinated Herbicides by GC/ECD

QC Batch No: 060319MB1; Dup or Spiked Sample: 98234.01; LCS: Clean Sand; QC Prepared: 06/03/2019; QC Analyzed: 06/03/2019; Units: ug/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
2,4-D	0.00	25.0	22.2	88.8	25.0	16.3	65.2	30.6	40-140	<40
Dinoseb (DNBP, 2-sec-Butyl-4, 6-dinitrophenol)	0.00	25.0	13.9	55.6	25.0	14.4	57.6	3.5	40-140	<40
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	0.00	25.0	12.4	49.6	25.0	11.0	44.0	12.0	40-140	<40
Surrogates										
DCAA	0.00	50.0	36.4	72.8	50.0	28.2	56.4	25.4	40-140	<40

QC Batch No: 060319MB1; Dup or Spiked Sample: 98234.01; LCS: Clean Sand; QC Prepared: 06/03/2019; QC Analyzed: 06/03/2019; Units: ug/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
2,4-D	25.0	18.2	72.8	50-140						
Dinoseb (DNBP, 2-sec-Butyl-4, 6-dinitrophenol)	25.0	19.9	79.6	50-140						
2,4,5-T (2,4,5-Trichlorophenoxyacetic acid)	25.0	16.9	67.6	50-140						
LCS										
Dalapon	25.0	24.1	96.4	50-140						
2,4-DB	25.0	19.3	77.2	50-140						
Dicamba	25.0	18.6	74.4	50-140						
Dichloroprop	25.0	26.8	107	50-140						
MCPA	2,500	2,170	86.8	50-140						
MCPP	2,500	2,600	104	50-140						
2,4,5-TP	25.0	20.1	80.4	50-140						
Surrogates										
DCAA	50.0	41.7	83.4	50-140						

AMERICAN ENVIRONMENTAL TESTING LABORATORY
2834 NORTH NAOMI ST. BURBANK, CALIFORNIA 91504 DHS # 1541 LACSD# 10181
TEL (888) 288-AETL (818) 845-8200 FAX (818) 845-8840 www.aetlab.com

Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

AMERICAN ENVIRONMENTAL TESTING LABORATORY
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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 18224
70055929

Client: Apex Companies, LLC	**Project Name / No.:** Rider Street / 093-DUKE-015.1	**Sampler's Name:** Katelyn Lazar	
Project Manager: Paisha Jorgenson	**Site Address:** 23840 Rider St.	**Sampler's Signature:** Katelyn Lazar	
Phone: 510-847-9217	**City:** Perris	**P.O. No.:**	
Fax:	**State & Zip:** CA	**Quote No.:**	

TAT Turnaround Codes **

(1) = Same Day Rush
(2) = 24 Hour Rush
(3) = 48 Hour Rush
(4) = 72 Hour Rush
(5) = 5 Day Rush
X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	CAM 17 Metals 6010B/7471A	TPHd/mo 8015M	VOCs 8260B	SVOCs 8270C	PCBs 8082	Chlorinated Herbicides 8151	HOLD	Special Instructions
SB-01-10	9E30003-01	5-29-19	1320	Soil	4	X	X	X					
SB-01-20	-02	"	1330	"	4	"	"	"					
SB-02-10	-03	"	1245	"	4	"	"	"					
SB-02-20	-04	"	1310	"	4	"	"	"					
SB-03-10	-05	"	1345	"	4	"	"	"					
SB-03-20	-06	"	1400	"	4	"	"	"					
SB-04-5	-07	"	1525	"	4								
SB-04-10	-08	"	1430	"	4								
SB-05-5	-09	"	1435	"	4		"	"					
SB-05-10	-10	"	1615	"	4		"	"					
SB-06-0.5	-11	"	1145	"	2	X			X	X	X		
SB-06-2	-12	"	1150	"	2							X	
SB-06-5	-13	"	1200	"	2							X	
													'19 MAY 30 D407PM

For Laboratory Use

REVIEWED
Date 5/31/19 Time 0600
TAT N Days Sign:

A.A. Project No.: AS96227/9E30003

	Relinquished by	Date	Time	Received by
	Katelyn Lazar	5-30-19	1230	
	Relinquished by	Date	Time	Received by
		5/30/19	1807	
	Relinquished by	Date	Time	Received by

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 18225
70055930

Client: Apex Companies, LLC	Project Name / No.: Rider Street / 093-DUKE-015.1	Sampler's Name: Katelyn Lacor
Project Manager: Paisha Jorgensen	Site Address: 23840 Rider Street	Sampler's Signature:
Phone: 510-847-9217	City: Perris	P.O. No.:
Fax:	State & Zip: CA	Quote No.:

TAT Turnaround Codes **

(1) = Same Day Rush
(2) = 24 Hour Rush
(3) = 48 Hour Rush
(4) = 72 Hour Rush
(5) = 5 Day Rush
X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	CAM 17 Metals 6010B/7471A	Chlorinated Herbicides 8151	OCPs 8081	Organo PCN Pesticides 8141	SVOCs 8270C	PCBs 8082	HOLD				Special Instructions
SB-07-0.5	9E30003-14	5-29-19	1110	Soil	2	X	X			X	X					
SB-07-2	-15		1120		2							X				
SB-07-5	-16		1135		2							X				
SB-08-0.5	-17		1000		2	X	X	X	X							
SB-08-2	-18		1002		2							X				
SB-08-5	-19		1007		2							X				
SB-09-0.5	-20		940		2	X	X	X	X							
SB-09-2	-21		945		2							X				
SB-09-5	-22		950		2							X				
SB-10-0.5	-23		1015		2	X	X	X	X							
SB-10-2	-24		1020		2							X				
SB-10-5	-25		1025		2							X				
SB-11-0.5	-26		845		2	X	X	X	X							
SB-11-2	-27		848		2							X				
SB-11-5	-28		855		2							X				19 MAY 30 0847

For Laboratory Use

REVIEWED
Date 5/31/19 Time 0800
TAT N Days Sign:

A.A. Project No.: A596227/9E30003

Relinquished by	Date	Time	Received by
	5-30-19	1230	
	5/30/19	1907	
	Date	Time	Received by

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.

AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 18226
70055931

Client: Apex Companies, LLC	**Project Name / No.:** Rider Street / 093-DUKE-015.1	**Sampler's Name:** Katelyn Lazor	
Project Manager: Paisha Jorgensen	**Site Address:** 23840 Rider Street	**Sampler's Signature:** Katelyn Lazor	
Phone: 510-891-9219	**City:** Perris	**P.O. No.:**	
Fax:	**State & Zip:** CA	**Quote No.:**	

TAT Turnaround Codes **

(1) = Same Day Rush
(2) = 24 Hour Rush
(3) = 48 Hour Rush
(4) = 72 Hour Rush
(5) = 5 Day Rush
X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	CAM17 Metals 6010B/7471A	Chromium Hexavalent 8157	OCPs 8081	Organo. Phosphorus 8141	SVOCs 8270C	PCBs 8082	HOLD	VOCs 8260B	TPH-d/mo 8015M	Special Instructions
SB-12-0.5	9E30003-29	5-29-19	1028	Soil	2	X	X	X	X						
SB-12-2	-30		1030		2							X			
SB-12-5	-31		1032		2							X			
SB-13-0.5	-32		1050		2	X	X	X	X						
SB-13-2	-33		1053		2							X			
SB-13-5	-34		1055		2							X			
SB-14A-1	-35		831		5								X		Composite 14A, 14B, 14C, 14D and analyze as SB-14
SB-14B-1	-36		833		2										
SB-14C-1	-37		832		2										
SB-14D-1	-38		838		2										
SB-14	-39			Soil	1	X				X				X	

For Laboratory Use

REVIEWED
Date 5/31/19 Time 0600
TAT N Days Sign:

A.A. Project No.: A596227 / 9E30003

Relinquished by	Date	Time	Received by
Katelyn Lazor	5-30-19	1280	
Relinquished by	Date	Time	Received by
	5/30/19	1807	
Relinquished by	Date	Time	Received by

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.

August 4, 2000

Site # 99-15151

Dan Brown
McAnally Enterprise Inc.
P.O. Box 1129
Yucaipa, CA 92399

RE: Underground Storage Tank Cleanup at McAnally Enterprise located at 23480 Rider St. in Perris, CA .

Dear Mr.Brown:

This letter confirms the completion of site investigation and remedial action for the underground storage tank(s) formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquires concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file, and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. If you have any questions regarding this matter, please contact Sharon Boltinghouse at (909) 358-5055.

Sincerely,

Earl E. Tuntland
Assistant Environmental Health Administrator

EET:DM:jc
Enclosure: Case Closure Summary
cc: Nancy Olson/Martin, Regional Water Quality Control Board
Allan Patton, UST Cleanup Fund

caseclos.ltr 02/17/00

47-923 Oasis Road, #E4
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055
Department Web Site - www.rivcoeh.org

800 S. Sanderson Avenue
Hemet, CA 92545
Fax (909) 766-7874
(909) 766-6524

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO: 9915151

I. Agency Information

Date: 4-24-00

AGENCY NAME: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
ADDRESS: 4065 County Circle Dr. P.O. Box 7600 Riverside CA 92513-7600 (909) 358-5055
STAFF PERSON: Sharon Boltinghouse -- Hazardous Materials Management Specialist

II. Case Information

SITE NAME: McAnally Enterprise
SITE ADDRESS: 23480 Rider St Perris
RB LUSTIS CASE NO:
LOP/LOCAL CASE NO: 9915151
URR FILING DATE: 4-22-99
SWEEPS NO:

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
McAnally Enterprise Inc	PO Box 1129 Yucaipa CA 92399	

TANK #	SIZE	CONTENTS	REMOVED/CLOSED IN-PLACE?	DATE
1	10,000 gal	Diesel	Removed	6-25-98
2	10,000 gal	Diesel	Removed	6-25-98
3				

III. Release and Site Characterization Information

CAUSE & TYPE OF RELEASE: Unknown
SITE CHARACTERIZATION COMPLETE? Yes [X] No [ ]
DATE APPROVED BY OVERSIGHT AGENCY: 4-7-00

MONITORING WELLS INSTALLED? Yes [ ] No [X] NUMBER:
PROPER SCREEN INTERVAL? Yes [ ] No [ ] N/A [X]
GW DEPTH BELOW GROUND SURFACE: GW 120 ft bgs in well 4S3W18J located 3/4 mi from site.
FLOW DIRECTION: Unknown

MOST SENSITIVE CURRENT GW USE: Beneficial
ARE DRINKING WATER WELLS AFFECTED? Yes[ ] No [X]
AQUIFER NAME:

SURFACE WATER AFFECTED? Yes [ ] No [X]
NEAREST/AFFECTED SW NAME:
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESS/LOCATIONS):

REPORTS ON FILE? Yes [X] No [ ]
LOCATION OF REPORTS: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
4065 County Circle Drive P.O. Box 7600 Riverside CA 92513-7600
(909) 358-5055

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO: 9915151

III. Release and Site Characterization Information (cont.)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	**AMOUNT**	**ACTION (Treatment or disposal & destination)**	**DATE**
TANK **PIPING** **RINSEATE** **SOIL**	2 All	Recycled at AMR Recycled at AMR	

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Before & After Cleanup						
CONTAMINANT	**SOIL**				**GROUNDWATER**	
	BEFORE	**DEPTH**	**AFTER**	**DEPTH**	**BEFORE**	**AFTER**
TPH (GAS) **TPH (DIESEL)** **TRPH (418.1)** **BENZENE** **TOLUENE** **XYLENE** **ETHYL BENZENE** **MTBE** **Other - 8260 full scan w/oxyg.**	810 ppm 20,000 ppm ND<5 ppb 230 ppb 3330 ppb 680 ppb 26 ppb See attached	HB-1-40' bgs HB-1-40' bgs All depths HB-1-25' bgs HB-1-6' bgs HB-1-6' bgs B2-5' bgs	No remedial actions have taken place. All original concentrations remain in-situ.			
COMMENTS (soil types, depth of remediation, etc.): Very fine to coarse grained clayey sand with interbedded very fine to coarse grained sands to 70 ft bgs and fine to coarse grained sand from 70 to 100 ft bgs. No remediation has taken place. See Section VII for additional information.						

IV. Closure

DOES COMPLETED CORRECTIVE ACTION PROTECT EXISTING BENEFICIAL USES AS PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]
DOES COMPLETED CORRECTIVE ACTION PROTECT POTENTIAL BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]
DOES THE CORRECTIVE ACTION PROTECT PUBLIC HEALTH FOR CURRENT LAND USE? Yes[X] No [ ]
SITE MANAGEMENT REQUIREMENTS: Cap site with impermeable material.

SHOULD CORRECTIVE ACTION BE REVIEWED IF LAND USE CHANGES? Yes [X] No [ ]

MONITORING WELLS DECOMMISSIONED? Yes [ ] No [ ] None Installed [X]
NUMBER DECOMMISSIONED: **NUMBER RETAINED**:

LIST ENFORCEMENT ACTIONS TAKEN:
LIST ENFORCEMENT ACTIONS RESCINDED:

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO: 9915151

V. Local Agency Representative Data

NAME: Earl Tuntland TITLE: Assistant Environmental Health Administrator
SIGNATURE: [signature] DATE: 8/11/00

VI. RWQCB Notification

DATE SUBMITTED TO RWQCB: DATE SIGNED BY RWQCB:
SIGNATURE: Kenneth R. Williams TITLE: Executive Officer
RWQCB STAFF ASSIGNED TO CASE: 7/11/2000
RWQCB RESPONSE: Concur w/ Closure

VII. Additional Comments, Data, Etc.

6-98 Two 10,000 gallon diesel USTs removed. Contamination was identified under the dispenser with TPHd concentrations of 15,000 ppm. The samples collected under the USTs were ND for TPHd.

7-99 One soil boring (HB1) was drilled to 60 ft bgs in the former dispenser area. All 5-foot soil samples were analyzed. TPHd was detected in **all** samples, except at 55 ft bgs, with the highest concentrations (20,000 ppm TPHd) existing at 40 ft bgs. The samples were also analyzed using EPA Method 8260 (full scan with oxygenates). All the results were ND for B and MTBE, however, concentrations of T, X, and E as well as other analytes were detected at low levels.

12-99 Four 60-ft soil borings (B2-B5) were drilled 20 ft. from the former dispenser area to evaluate lateral extent of the plume. All 5-foot soil samples were analyzed from each of the borings. All soil samples were ND for TPHd, TPHg, BTXE, and MTBE (EPA 8020) except the 5-ft sample from boring B2 which detected 16 ppb X and 26 ppb MTBE. B2-5ft was further analyzed using EPA 8260 (full scan with oxygenates) and none of the analytes, including MTBE and X, were detected.

One 100-ft soil boring was also drilled in the former dispenser area in order to delineate the vertical extent of contamination detected in original boring HB1. 5-ft soil samples were analyzed beginning at 65 ft bgs to 100 ft bgs. All soil samples were ND for TPHd, TPHg, BTXE, and MTBE (EPA 8020), except the 95-ft sample which contained 9 ppb T. This sample was further analyzed using EPA Method 8260 (full scan with oxygenates) and all analytes were ND.

The mass of diesel contamination in the soil exists from surface to 45 ft bgs. Concentrations vary from 2,900 ppm to 20,000 ppm with an average concentration of 9800 ppm. The lateral extent is less than a 20 ft radius around the former dispenser area.

Soil types below the site consist of very fine to coarse grained clayey sand with interbedded very fine to coarse grained sands to 70 ft bgs and fine to coarse grained sand from 70 to 100 ft bgs.

Depth to groundwater in well 4S3W18J located 3/4 mi from site was 120 ft bgs.

No remediation has taken place and the consultant has recommended capping the site with concrete and performing no further corrective actions.

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO: 9915151

V. Local Agency Representative Data

NAME: Earl Tuntland	**TITLE**: Assistant Environmental Health Administrator
SIGNATURE:	**DATE**:

VI. RWQCB Notification

DATE SUBMITTED TO RWQCB:	**DATE SIGNED BY RWQCB**:
SIGNATURE:	**TITLE**:
RWQCB STAFF ASSIGNED TO CASE:	
RWQCB RESPONSE:	

VII. Additional Comments, Data, Etc.

6-98 Two 10,000 gallon diesel USTs removed. Contamination was identified under the dispenser with TPHd concentrations of 15,000 ppm. The samples collected under the USTs were ND for TPHd.

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One 100-ft soil boring was also drilled in the former dispenser area in order to delineate the vertical extent of contamination detected in original boring HB1. 5-ft soil samples were analyzed beginning at 65 ft bgs to 100 ft bgs. All soil samples were ND for TPHd, TPHg, BTXE, and MTBE (EPA 8020), except the 95-ft sample which contained 9 ppb T. This sample was further analyzed using EPA Method 8260 (full scan with oxygenates) and all analytes were ND.

The mass of diesel contamination in the soil exists from surface to 45 ft bgs. Concentrations vary from 2,900 ppm to 20,000 ppm with an average concentration of 9800 ppm. The lateral extent is less than a 20 ft radius around the former dispenser area.

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Depth to groundwater in well 4S3W18J located 3/4 mi from site was 120 ft bgs.

No remediation has taken place and the consultant has recommended capping the site with concrete and performing no further corrective actions.

McAnally Enterprise
23480 Rider St
Perris

Current

9915151

Closed
LOP File From

Box 62

Emp ID _____

WATER RESOURCES CONTROL BOARD
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM
SITE SPECIFIC QUARTERLY REPORT
CONTRACTOR NO: 33000

Source of Funds: **F** Substance: **12034**
Site No: **9915151** Federal Exempt: **N** Petroleum : **Y**
Site Name: **McAnally Enterprise** Date Reported: **4/22/1999**
Address: **23480 Rider St** Date Confirmed: **4/22/1999**
City/Zip: **Perris 92570** Category : **R**

SITE STATUS

Case Type :	**S**	Contract Status :	**9**	Emergency Resp:	
RP Search:	**S**	Date Underway :	**4/22/1999**	Date Completed:	**4/22/1999**
Preliminary Asmnt :	**C**	Date Underway:	**4/22/1999**	Date Completed:	**4/7/00**
Rem Investigation		Date Underway:		Date Completed:	
Remedial Action :		Date Underway:		Date Completed:	
Post RA Mon :		Date Underway:		Date Completed:	
Enforcement Act:	**Y**	Type:	**1**	Date Taken :	**4/22/1999**
Luft Field Manual Consid :				Priority:	**1A5**
Closed:	**Y**			Date Closed:	**8/1/00**

Date Excavation Started:
Remedial Actions Taken: **NA**

RESPONSIBLE PARTY

RP#1- Contact Name: **Dan Brown**
Company Name: **McAnally Enterprise Inc**
Address: **P O Box 1129**
City/State : **Yucaipa CA 92399**
Phone:

RP#2 - Contact Name:
Company Name:
Address:
City/State:
Phone:

RP#3 - Contact Name:
Company Name:
Address:
City/State :
Phone:

RP#4 - Contact Name:
Company Name:
Address:
City/State:
Phone:

Site Id: **9915151** Site Name: **McAnally Enterprise**
ADDRESS> Street Number: **23480** Street: **Rider St**
City: **Perris** Zip Code: **92570** Employee Number: **2**

Substance: **12034** ; ; ; ; Priority: **1A5**
Date Reported: **4/22/1999** Date Confirmed: **4/22/1999** Category: **R**
Fund: **F** Fed Exempt: **N** Petroleum: **Y** Case Type: **S** Contract Status: **9**

RP Search:	**S**	Date Begin:	**4/22/1999**	Date End:	**4/22/1999**
Prelim Assessment:	**C**	Date Begin:	**4/22/1999**	Date End:	**4/7/00**
Remedial Investig:		Date Begin:		Date End:	
Remedial Action:		Date Begin:		Date End:	
Post Remedial Monitoring:		Date Begin:		Date End:	

DT Emerg Resp: Enf Action: **Y** Type: **1** DT Action: **4/22/1999**

Date Last Corsp: **8/1/00** Case Closed: **Y** Date Closed: **8/1/00**
DT Exc Start: Reimb Letter: **Y** Luft Category:
Remed Action: **NA** Supv Dist: **3** Region: Santa Ana Cap Exten Exp:

Rp Contact Name: **Dan Brown** RP Cost:
Rp Company Name: **McAnally Enterprise Inc** RP Phone:
Address: **P O Box** Street: **1129**
City: **Yucaipa** State/Zip: **CA 92399**

RP #2 -
RP Contact Name: RP Phone:
RP Company Name:
Address: Street:
City: State/Zip:

RP #3 -
RP Contact Name: RP Phone:
RP Company Name:
Address: Street:
City: State/Zip:

RP #4 -
RP Contact Name: RP Phone:
RP Company Name:
Address: Street:
City: State/Zip:

COMMENT :

Up Date: 8/1/00

SITE SUMMARY

Site Information:	**McAnally Enterprise** **23480 Rider Street** **Perris CA 92570**	**SITE # 9915151**
Tank information:	Removal Date: 6-25-98 Number, Size, Contents: 2-10,000 gal diesel USTs Date URR Issued: 4-22-99 Date Entered into LOP: 4-22-99	
Max Initial Contamination:	TPH: 15,000 ppm TPHd under dispenser BTEX: Not analyzed MTBE: Not analyzed	

Depth to Groundwater:

RESPONSIBLE PARTY:
Name: Dan Brown
McAnally Enterprise Inc.
Address: PO Box 1129
Yucaipa CA 92399
Phone #:

CONSULTANT:
Name:
Address:
Contact:
Phone #:

SITE CHRONOLOGY:

6-25-98 Paul Mitchell of Hazardous Materials Management Division witnessed the removal of two 10,000 gallon diesel USTs.

4-22-99 Lab results were given to Sharon Boltinghouse (SCB) of Hazardous Materials Management Division for review. Results indicate that petroleum has been released into the soil in the dispenser area. Soil samples under the USTs were not impacted (8015d). SCB requested property owner information from the County Assessor's Office.

4-22-99 SCB reviewed the County Assessor's records. According to their records, no such address exists on the database. SCB will identify the contact person on the Haz Mat database as the RP. RP identified as: **Dan Brown**
McAnally Enterprises, Inc.
PO Box 1129
Yucaipa CA 92399
SCB filled out the ERCI, URR, and Prop 65 forms and entered site into LOP. "Welcome to the LOP" letters to the RP. Workplan due by 6-27-99.

4-30-99 SCB created site summary and set up LOP file.

5-4-99 Tony McAnally (797-0144 office or 322-0614) called SCB to discuss the site. He would like to hand auger in the dispenser area to try to delineate contamination. SCB would be ok with this. He will have GeoSec submit a workplan for a handauger boring.

6-16-99 SCB reviewed the GEO-SEC, inc., May 11, 1999 workplan for delineation. The workplan proposes one hand auger boring to 20 ft bgs with the option of four additional step-out borings based on findings from first boring. If the hand auger is unsuccessful at achieving target depths, a drill rig will be used to finish investigation. If gw is encountered gw mon wells will be installed. SCB sent wp acceptance letter with stipulations that soil samples will be collected every 3-ft in the hand auger borings, soil and gw samples will be analyzed for 8020 and verify concentrations with 8260.

7-21-99 SCB received a fax notification of field work. They will be drilling on 7-23-99. SCB called GEO-SEC to ok work schedule.

10-1-99 Tony McAnally called SCB to ask if further work is necessary because the plume is delineated vertically, the contaminants are diesel (no B or MTBE), and there are no production wells in the area. He is requesting not to have to drill the step-out boring and not do any remediation. Prior to making any decisions, SCB will have to review the report for the drilling performed.

10-15,18-99 SCB reviewed the GEO-SEC report for one boring drilled to 60 ft bgs. Contamination extended to the bottom of the boring, however, the highest concentrations ended at 45 ft bgs. The report proposes four (4) step-out borings to delineate lateral extent. SCB sent letter accepting plans for step-out borings and requiring one additional boring adjacent to B-1 to delineate vertical impact.

12-16-99 Darrell of GeoSec called SCB to schedule field work for 12-28-99.

4-7-00 SCB reviewed the GEO-SEC, Inc. document dated January 19, 2000. Five soil borings were drilled to evaluate the extent of contamination which was detected during UST removal sampling and subsequent drilling to 60 ft bgs. Boring B1 was drilled to 100 ft bgs (soil sampling began at 65 ft bgs) in the previously drilled boring HB-1. Borings B2, B3, B4, and B5 were drilled to 55-60 ft bgs and no contamination was detected in any of these borings except in B2 at 5 ft bgs (16 ppb X and 26 ppb MTBE using 8015/8020 - 8260 all ND). B1 was ND all constituents from 65 to 100 ft bgs except B1 at 95 ft bgs (9 ppb T 8020, ND <1 ppb 8260). 8260 full scan run on several samples with all constituents ND. SCB sent letter to RP accepting the report and informing them that we will proceed with closure evaluation process.

4-24-00 SCB prepared site closure summary.

4-26-00 SCB presented site data to the LOP staff for closure consideration. Staff concluded that contaminant concentrations are quite high, however, since the contaminants are diesel hydrocarbons without benzene and MTBE, they are ok with closure if the site is capped and the Regional Board concurs with closure.

4-28-00 SCB faxed closure request to Ken Williams of the California Regional Water Quality Control Board, Santa Ana Region for review.

6-20-00 SCB again faxed closure request to Ken Williams of the California Regional Water Quality Control Board, Santa Ana Region for review.

7-11-00 SCB called Ken Williams to check on the status of the closure request. He had it on his desk, so the site was discussed. He concurs with closure and will sign and fax it back to SCB.

7-13-00 SCB received the closure summary signed by the Regional Board.

8-1-00 SCB updated the site file, issued the site closure letter, and closed the case. **CASE CLOSED.**

DEPARTMENT OF ENVIRONMENTAL HEALTH

August 4, 2000 Site # 99-15151

Dan Brown
McAnally Enterprise Inc.
P.O. Box 1129
Yucaipa, CA 92399

RE: Underground Storage Tank Cleanup at McAnally Enterprise located at 23480 Rider St. in Perris, CA .

Dear Mr.Brown:

This letter confirms the completion of site investigation and remedial action for the underground storage tank(s) formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquires concerning the former underground storage tank(s) are greatly appreciated.

Based on the information in the above-referenced file, and with the provision that the information provided to this agency was accurate and representative of site conditions, this agency finds that the site investigation and corrective action carried out at your underground storage tank(s) site is in compliance with the requirements of subdivisions (a) and (b) of Section 25299.37 of the Health and Safety Code and with corrective action regulations adopted pursuant to Section 25299.77 of the Health and Safety Code and that no further action related to the petroleum release(s) at the site is required.

This notice is issued pursuant to subdivision (h) of Section 25299.37 of the Health and Safety Code. If you have any questions regarding this matter, please contact Sharon Boltinghouse at (909) 358-5055.

Sincerely,

Earl E. Tuntland
Assistant Environmental Health Administrator

EET:DM:jc
Enclosure: Case Closure Summary
cc: Nancy Olson/Martin, Regional Water Quality Control Board
Allan Patton, UST Cleanup Fund

caseclos.ltr 02/17/00

47-923 Oasis Road, #E4
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055
Department Web Site - www.rivcoeh.org

800 S. Sanderson Avenue
Hemet, CA 92545
Fax (909) 766-7874
(909) 766-6524

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO: 9915151

I. Agency Information

Date: 4-24-00

AGENCY NAME: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
ADDRESS: 4065 County Circle Dr. P.O. Box 7600 Riverside CA 92513-7600 (909) 358-5055
STAFF PERSON: Sharon Boltinghouse -- Hazardous Materials Management Specialist

II. Case Information

SITE NAME: McAnally Enterprise
SITE ADDRESS: 23480 Rider St Perris
RB LUSTIS CASE NO: **LOP/LOCAL CASE NO**: 9915151
URR FILING DATE: 4-22-99 **SWEEPS NO**:

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
McAnally Enterprise Inc	PO Box 1129 Yucaipa CA 92399	

TANK #	SIZE	CONTENTS	REMOVED/CLOSED IN-PLACE?	DATE
1	10,000 gal	Diesel	Removed	6-25-98
2	10,000 gal	Diesel	Removed	6-25-98
3				

III. Release and Site Characterization Information

CAUSE & TYPE OF RELEASE: Unknown
SITE CHARACTERIZATION COMPLETE? Yes [X] No [ ]
DATE APPROVED BY OVERSIGHT AGENCY: 4-7-00

MONITORING WELLS INSTALLED? Yes [ ] No [X] NUMBER:
PROPER SCREEN INTERVAL? Yes [ ] No [ ] N/A [X]
GW DEPTH BELOW GROUND SURFACE: GW 120 ft bgs in well 4S3W18J located 3/4 mi from site.
FLOW DIRECTION: Unknown

MOST SENSITIVE CURRENT GW USE: Beneficial
ARE DRINKING WATER WELLS AFFECTED? Yes[ ] No [X]
AQUIFER NAME:

SURFACE WATER AFFECTED? Yes [ ] No [X]
NEAREST/AFFECTED SW NAME:
OFF-SITE BENEFICIAL USE IMPACTS (ADDRESS/LOCATIONS):

REPORTS ON FILE? Yes [X] No [ ]
LOCATION OF REPORTS: County of Riverside, Department of Environmental Health
Hazardous Materials Management Division
4065 County Circle Drive P.O. Box 7600 Riverside CA 92513-7600
(909) 358-5055

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO: 9915151

III. Release and Site Characterization Information (cont.)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	**AMOUNT**	**ACTION (Treatment or disposal & destination)**	**DATE**
TANK **PIPING** **RINSEATE** **SOIL**	2 All	Recycled at AMR Recycled at AMR	

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS -- Before & After Cleanup						
CONTAMINANT	**SOIL**				**GROUNDWATER**	
	BEFORE	**DEPTH**	**AFTER**	**DEPTH**	**BEFORE**	**AFTER**
TPH (GAS) **TPH (DIESEL)** **TRPH (418.1)** **BENZENE** **TOLUENE** **XYLENE** **ETHYL BENZENE** **MTBE** **Other - 8260 full scan w/oxyg.**	810 ppm 20,000 ppm ND<5 ppb 230 ppb 3330 ppb 680 ppb 26 ppb See attached	HB-1-40' bgs HB-1-40' bgs All depths HB-1-25' bgs HB-1-6' bgs HB-1-6' bgs B2-5' bgs	No remedial actions have taken place. All original concentrations remain in-situ.			
COMMENTS (soil types, depth of remediation, etc.): Very fine to coarse grained clayey sand with interbedded very fine to coarse grained sands to 70 ft bgs and fine to coarse grained sand from 70 to 100 ft bgs. No remediation has taken place. See Section VII for additional information.						

IV. Closure

DOES COMPLETED CORRECTIVE ACTION PROTECT EXISTING BENEFICIAL USES AS PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]

DOES COMPLETED CORRECTIVE ACTION PROTECT POTENTIAL BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN? Yes [X] No [ ]

DOES THE CORRECTIVE ACTION PROTECT PUBLIC HEALTH FOR CURRENT LAND USE? Yes[X] No [ ]

SITE MANAGEMENT REQUIREMENTS: Cap site with impermeable material.

SHOULD CORRECTIVE ACTION BE REVIEWED IF LAND USE CHANGES? Yes [X] No [ ]

MONITORING WELLS DECOMMISSIONED? Yes [ ] No [ ] None Installed [X]
NUMBER DECOMMISSIONED: **NUMBER RETAINED**:

LIST ENFORCEMENT ACTIONS TAKEN:
LIST ENFORCEMENT ACTIONS RESCINDED:

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO 9915151

V. Local Agency Representative Data

NAME: Earl Tuntland TITLE: Assistant Environmental Health Administrator
SIGNATURE: [signature] DATE: 8/10/00

VI. RWQCB Notification

DATE SUBMITTED TO RWQCB: DATE SIGNED BY RWQCB:
SIGNATURE: Kenneth R. Williams TITLE: 7/11/2000
RWQCB STAFF ASSIGNED TO CASE:
RWQCB RESPONSE: Concurs w/ Closure

VII. Additional Comments, Data, Etc.

8-98 Two 10,000 gallon diesel USTs removed. Contamination was identified under the dispenser with TPHd concentrations of 15,000 ppm. The samples collected under the USTs were ND for TPHd.

7-99 One soil boring (HB1) was drilled to 60 ft bgs in the former dispenser area. All 5-foot soil samples were analyzed. TPHd was detected in **all** samples, except at 55 ft bgs, with the highest concentrations (20,000 ppm TPHd) existing at 40 ft bgs. The samples were also analyzed using EPA Method 8260 (full scan with oxygenates). All the results were ND for B and MTBE, however, concentrations of T, X, and E as well as other analytes were detected at low levels.

12-99 Four 60-ft soil borings (B2-B5) were drilled 20 ft. from the former dispenser area to evaluate lateral extent of the plume. All 5-foot soil samples were analyzed from each of the borings. All soil samples were ND for TPHd, TPHg, BTXE, and MTBE (EPA 8020) except the 5-ft sample from boring B2 which detected 16 ppb X and 26 ppb MTBE. B2-5ft was further analyzed using EPA 8260 (full scan with oxygenates) and none of the analytes, including MTBE and X, were detected.

One 100-ft soil boring was also drilled in the former dispenser area in order to delineate the vertical extent of contamination detected in original boring HB1. 5-ft soil samples were analyzed beginning at 65 ft bgs to 100 ft bgs All soil samples were ND for TPHd, TPHg, BTXE, and MTBE (EPA 8020), except the 95-ft sample which contained 9 ppb T. This sample was further analyzed using EPA Method 8260 (full scan with oxygenates) and all analytes were ND.

The mass of diesel contamination in the soil exists from surface to 45 ft bgs. Concentrations vary from 2,900 ppm to 20,000 ppm with an average concentration of 9800 ppm. The lateral extent is less than a 20 ft radius around the former dispenser area.

Soil types below the site consist of very fine to coarse grained clayey sand with interbedded very fine to coarse grained sands to 70 ft bgs and fine to coarse grained sand from 70 to 100 ft bgs

Depth to groundwater in well 4S3W18J located 3/4 mi from site was 120 ft bgs.

No remediation has taken place and the consultant has recommended capping the site with concrete and performing no further corrective actions.

CASE CLOSURE SUMMARY
LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

SITE NAME: McAnally Enterprise SITE NO: 9915151

V. Local Agency Representative Data

NAME: Earl Tuntland	**TITLE**: Assistant Environmental Health Administrator
SIGNATURE:	**DATE**:

VI. RWQCB Notification

DATE SUBMITTED TO RWQCB:	**DATE SIGNED BY RWQCB**:
SIGNATURE:	**TITLE**:
RWQCB STAFF ASSIGNED TO CASE:	
RWQCB RESPONSE:	

VII. Additional Comments, Data, Etc.

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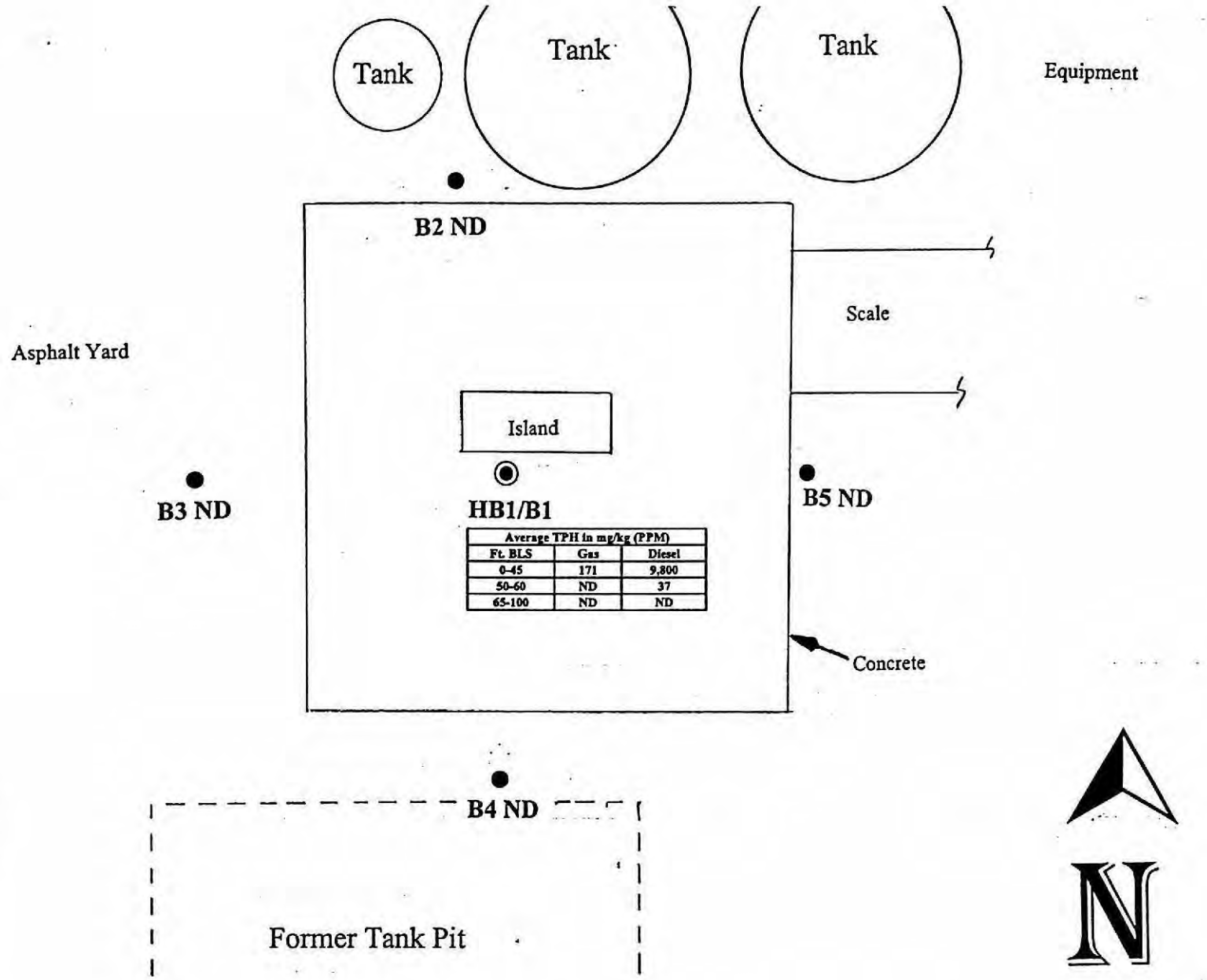


FIGURE 2

Boring Locations

Mc Anally Enterprises
23480 Rider Street
Perris, California

Approximate Scale: 1" = 10'

KEY:

○ **Boring (July 1999)**

● **Boring (January 2000)**

Figure 3, Analytical Summary (in mg/kg)

Sample	Depth	EPA8015		EPA 8020						EPA 8260
ID	BLS	Diesel	Gas	B	T	E	E	X	MTBE	VOC*
B1	65'	ND	ND	ND	ND	ND	ND	ND	ND	--
	70'	--	--	--	--	--	--	--	--	--
	75'	ND	ND	ND	ND	ND	ND	ND	ND	--
	80'	ND	ND	ND	ND	ND	ND	ND	ND	--
	85'	ND	ND	ND	ND	ND	ND	ND	ND	--
	90'	ND	ND	ND	ND	ND	ND	ND	ND	--
	95'	ND	ND	ND	0.009	ND	ND	ND	ND	ND
	100'	ND	ND	ND	ND	ND	ND	ND	ND	--
B2	5'	ND	ND	ND	ND	ND	ND	0.016	0.026	ND
	10'	--	--	--	--	--	--	--	--	--
	15'	ND	ND	ND	ND	ND	ND	ND	ND	--
	20'	--	--	--	--	--	--	--	--	--
	25'	ND	ND	ND	ND	ND	ND	ND	ND	--
	30'	--	--	--	--	--	--	--	--	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	--
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
	60'	ND	ND	ND	ND	ND	ND	ND	ND	--
B3	5'	ND	ND	ND	ND	ND	ND	ND	ND	--
	10'	--	--	--	--	--	--	--	--	--
	15'	ND	ND	ND	ND	ND	ND	ND	ND	--
	20'	--	--	--	--	--	--	--	--	--
	25'	ND	ND	ND	ND	ND	ND	ND	ND	--
	30'	--	--	--	--	--	--	--	--	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	--
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
	60'	ND	ND	ND	ND	ND	ND	ND	ND	--
B4	5'	--	--	--	--	--	--	--	--	--
	10'	ND	ND	ND	ND	ND	ND	ND	ND	--
	15'	--	--	--	--	--	--	--	--	--
	20'	ND	ND	ND	ND	ND	ND	ND	ND	--
	25'	--	--	--	--	--	--	--	--	--
	30'	ND	ND	ND	ND	ND	ND	ND	ND	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	---
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
B5	5'	ND	ND	ND	ND	ND	ND	ND	ND	--
	10'	--	--	--	--	--	--	--	--	--
	15'	ND	ND	ND	ND	ND	ND	ND	ND	--
	20'	--	--	--	--	--	--	--	--	--
	25'	ND	ND	ND	ND	ND	ND	ND	ND	--
	30'	--	--	--	--	--	--	--	--	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	--
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
	60'	ND	ND	ND	ND	ND	ND	ND	ND	--
DETECTION LIMIT:		10	0.50	0.005	0.005	0.005	0.005	0.015	0.005	--

*Volatile Organics with Oxygenates

Figure 4: Analytical Results Boring HB1/B1 (in mg/kg)

SAMPLE DATE	SAMPLE ID	EPA M8015		EPA 8260												
		TPH (gas)	TPH (diesel)	BENZENE	ETHYLBENZENE	ISOPROPYLBENZENE	P-ISOPROPYLTOLUENE	NAPHTHALENE	N-PROPYLBENZENE	TOLUENE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	O-XYLENE	M,P-XYLENE	TOTAL XYLENES	MTBE
07/23/99	HB-1 (3')	10	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HB-1 (6')	360	18,000	ND	0.680	0.640	0.690	0.870	0.960	0.079	ND	ND	0.930	2.400	3.33	ND
	HB-1 (9')	240	8,600	ND	0.290	0.230	0.310	0.870	0.400	ND	1.600	0.900	0.640	0.980	1.62	ND
	HB-1 (12')	36	3,200	ND	0.160	0.110	0.160	0.560	0.190	ND	0.990	0.370	ND	0.560	0.560	ND
	HB-1 (15')	440	6,300	ND	0.270	0.190	0.240	1.100	0.320	ND	1.600	0.640	ND	0.160	0.160	ND
	HB-1 (17')	17	2,900	ND	0.120	0.092	0.140	0.700	0.170	ND	1.000	0.390	ND	0.520	0.520	ND
	HB-1 (21')	41	4,000	ND	0.470	0.310	0.380	1.700	0.560	ND	2.700	1.100	0.300	1.900	2.200	ND
	HB-1 (25')	22	9,500	ND	0.350	0.240	0.320	ND	0.430	0.230	0.580	0.750	0.610	1.100	1.710	ND
	HB-1 (30')	46	14,000	ND	0.084	0.130	0.240	ND	0.240	0.054	0.420	0.520	0.200	0.270	0.470	ND
	HB-1 (35')	11	11,000	ND	0.045	0.900	0.360	0.990	1.600	0.024	2.500	2.800	ND	0.230	0.230	ND
	HB-1 (40')	810	20,000	ND	0.250	0.360	0.460	ND	0.430	0.150	0.290	0.790	0.290	0.290	0.580	ND
	HB-1 (45')	21	8,100	ND	0.087	0.100	0.150	1.200	0.140	0.038	0.870	0.360	0.160	0.170	0.330	ND
	HB-1 (50')	ND	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HB-1 (55')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HB-1 (60')	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	N D	ND	ND	ND
01/05/00	B1 (65')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (70')	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8020 only	B1 (75')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (80')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (85')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (90')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8260	B1 (95')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N D	ND	ND	ND
8020 only	B1 (100')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				

SOIL BORING LOG

Mc Anally - 00110
Perris, CA
Hollow Stem Auger

Boring: HB - 1 / B-1
Drilling Date: 7/23/99 & 1/
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	0								
		7:37 7/23/99	Med. brn., med, fine, coarse grained, silty sand	SM	5	0		0	sl
	5	7:44 7/23/99	Med. Brn., fine, very fine grained, clayey sand	SC	10	0		0	sl
		7:55 7/23/99	Yellowish Brn., very fine, fine, med. grained, clayey sand	SC	23	0		0	sl
	10	8:04 7/23/99	Dark yellowish brn., very fine, fine grained, slightly clayey sand	SC	42	0		0	st
	15	8:11 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	24	0		0	st
		8:20 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	63	0		0	st
	20	8:33 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	57	0		0	st
	25	8:55 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	63	0		0	st
	30	9:00 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	19	0		0	st
	35	9:06 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	19	0		0	sl
	40	9:13 7/23/99	Dark yellowish brn., very fine, fine grained, slightly clayey sand	SC	27	0		0	st
	45	9:31 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained clayey sand	SC	28	0		0	0
	50	9:37 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained clayey sand	SC	35	0		0	0
	55	9:48 7/23/99	Yellowish Brn., very fine, fine, med. grained clayey sand	SC	19	0		0	0

SOIL BORING LOG

Mc Anally - 00110
Perris, CA
Hollow Stem Auger

Boring: HB-1 / B-1
Drilling Date: 7/23/99 & 1/
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	60	9:56 7/23/99	Yellow Brown very fine, fine, med., & coarse grained clayey sand	SC	24	0		0	0
	65	2:52 1/5/00	Yellow brown fine, medium & coarse grained clayey sand	SC	50	0		0	0
	70	3:04 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	70	0		0	0
	75	3:15 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	63	0		0	0
	80	3:30 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	83	0		0	0
	85	3:48 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	77	0		0	0
	90	4:13 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	100	0		0	0
	95	4:25 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	100	0		0	0
	100	4:42 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	100	0		0	0
	105								
	110								

California Regional Water Quality Control Board
Santa Ana Region

Winston H. Hickox
Secretary for
Environmental
Protection

Internet Address: http://www.swrcb.ca.gov
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (909) 782-4130 • FAX (909) 781-6288

Gray Davis
Governor

FACSIMILE TRANSMITTAL

DATE: 7/13/00

TO: Sharon Boltinghouse - RCHD

FAX NO: (909) 358-5017

FROM: N. Olsen-Martin

SENDER'S DIRECT TELEPHONE NUMBER: (909) 782-4497

NUMBER OF PAGES, INCLUDING TRANSMITTAL MEMO: (2)

SUBJECT: Closure - Mc Anally Ent.

MESSAGE:

Hi, Sharon!

PLEASE CONTACT THE SENDER AT THEIR DIRECT TELEPHONE NUMBER WITH ANY QUESTIONS.

CASE CLOSURE REQUEST

FAX TRANSMISSION

DATE: 4-28-00

TO: Ken Williams

CRWQCB - Santa Ana Region

Pollutant Investigation Section

Fax telephone Number: (909) 781-6288

FROM: Sharon Boltinghouse

County of Riverside

Hazardous Materials Management Division

Local Oversight Program

Fax telephone Number: (909) 358-5017

CASE CLOSURE REQUEST FOR: McAnally Enterprise

23480 Rider St. Perris.

SPECIAL ROUTING, HANDLING INSTRUCTIONS: PLEASE DELIVER ASAP

PLEASE CONFIRM RECEIPT BY CONTACTING: Hazardous Materials Management Division

(909) 358-5055

NUMBER OF PAGES FOLLOWING: 8

P.01

SEND REPORT

JUN-20-2000 TUE 01:48 PM

#	DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
01	JUN-20	10:57 AM	97816288	7′18″	9	SEND	OK	892	
02		11:48 AM	98262570	57″	1	SEND	OK	893	
03		11:49 AM	97394893	40″	1	SEND	OK	894	
04		11:59 AM	97816873	54″	2	SEND	OK	895	
05		12:35 PM	PRESS ENTERPRISE	57″	3	SEND	OK	896	
			TOTAL:	10′46″	16				

GRAND TOTAL TIME: 164H 39M 16S PAGES: 20213

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

April 7, 2000 Site # 9915151

DAN BROWN
McANALLY ENTERPRISES, INC.
PO BOX 1129
YUCAIPA CA 92399

RE: Underground Storage Tank Cleanup at McAnally Enterprises located at 23480 Rider Street in Perris.

Dear Mr. Brown:

The Hazardous Materials Management Division has reviewed and accepted the report for the subsurface investigation performed at the above referenced site (GEO-SEC, Inc., dated January 19, 2000). This investigation included drilling five soils borings to a maximum depth of 100 feet below grade. Providing that the information contained in this report and previous reports accurately represents the subsurface conditions presently existing at this site, our agency and the California Regional Water Quality Control Board, Santa Ana Region will evaluate the data for site closure consideration. We will notify you regarding the closure decision once the evaluation process is completed.

Please be aware that all waste generated during subsurface investigations must be removed from the site prior to closure. We recommend prompt and proper disposal of any waste currently stored on-site to avoid possible delays in site closure.

If you have any questions, please call me at (909) 358-5055.

Sincerely,

Sharon Boltinghouse
Hazardous Materials Specialist

cc: Ken Williams, RWQCB
Donald Chance, GEO-SEC, Inc.

47-923 Oasis Road, #E4
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055
Department Web Site - www.rivcoeh.org

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2200

4-7-00
SCB
5 soil borings drilled 1-4,5-00
B1 drilled to 100' bgs where HB-1 was prev drilled.
B2, B3, B4, B5 - drilled to 55' bgs.

recommend: surface seal w/ no further delin. or remed.

A Geological Systems Evaluation Company

January 19, 2000

County of Riverside
Health Services Agency
4065 County Circle Drive, Room 123
Riverside California 92503
TEL: (909) 358-5055/FAX: (909) 358-5017

ATTN: Sharon Boltinghouse, Hazardous Materials Specialist

RE: *Mc Anally Enterprises, 23480 Rider Street, Perris, California 92570-8868*

On January 4th and 5th, 2000, GEO-SEC, Inc. conducted a subsurface investigation at the above referenced site *(Figure 1, Site Location Map)*.

Site History: In 1998, two underground storage tanks were removed from the subject site. Samples collected from beneath the former tank and dispenser island areas indicated excessive concentrations of diesel fuel in the dispenser area.

In 1999, one (1) boring, HB1, was drilled over the top of former dispenser to sixty (60) ft. below land surface. Subsequent laboratory analysis indicated the presence of TPH related compounds to depths of forty-five (45) ft. below land surface. All indications of contamination had either declined drastically or were ND (not detectable at or above the reporting limit) in the samples obtained at depths below 45 ft.

Additional delineation of the vertical and horizontal dimensions of the petroleum hydrocarbon contaminant plume before a remediation action plan could be submitted to mitigate the effects of any contamination encountered or stockpiled on site.

Field Activities: Five (5) soil quality assessment borings were drilled and sampled utilizing a hollow stem auger drill with continuous flight augers and a modified California Split Tube Sampler fitted with tube inserts driven ahead of the auger cutter-head with a 140 lb. drop hammer (*Figure 2, Boring Locations*).

Boring B1: In the previous investigation, one boring (HB-1) was drilled and sampled to sixty ft. below land surface. During this investigation, one soil quality assessment boring (B1) was drilled directly over the top of the former soil quality assessment boring (HB-1) to a depth of 100 ft. below land surface. Undisturbed soil samples were obtained at five (5) ft. depth intervals beginning at 65 ft. below land surface.

237 South Waterman Avenue • San Bernardino California 92408 • Telephone 909 • 885 • 7072 Fax 909 • 885 • 7037

Contractors License A B & C 57-553724

B2, B3, B4, B5 to 55' bgs

Borings B2, B3, B4 & B5: Four (4) additional borings were drilled at a distance of approximately twenty (20) ft. to the north, south, east and west of B1. Each vertical boring was drilled to at least fifty five (55) ft. below land surface. Undisturbed soil samples were obtained at five (5) ft. depth intervals and at the bottom of each boring.

After retrieval of the sampler, the ends of the lowermost sample tube were covered with Teflon tape, sealed with plastic end-caps, labeled, and placed in a Ziploc bag in a properly chilled container.

Soil from the adjacent sample tube was monitored in a closed container for headspace organic vapor content using a Photionization Detector (PID). No indications of contamination were detected during field monitoring. No ground water was encountered. Boring logs containing lithologic descriptions, appropriate U.S.C.S. designations, OVA readings, and hammer-blow counts were compiled during the drilling (*Appendix A, Boring Logs*).

All down-hole equipment was steamed cleaned prior to use. All sampling equipment was thoroughly cleaned with an Alconox solution and double rinsed in deionized water prior to each use. Each boring was back-filled with Bentonite to two (2) ft. below land surface and finished to grade with a two (2) ft. concrete cap. All drill cuttings were stored on site in 55 gallon DOT drums for subsequent disposal and/or treatment by the client.

Soil Analysis: The chilled soil samples were submitted to a California DHS certified laboratory with chain of custody documentation. The laboratory was instructed to analyze selected samples by EPA m8015 (Diesel and Gas), and EPA 8020 (BTEX/MTBE) with confirmation of volatile organic compounds by EPA 8260. The remaining samples were held at the laboratory for possible future analysis (*Appendix B, Analytical Data*).

Hydrogeology: Ground water at the subject site is estimated to be in excess of one hundred (100) ft. below land surface site. GW > 100' bgs

Conclusions: In Boring B1, the presence of TPH compounds expressed as diesel fuel, gasoline, and related compounds in the former dispenser area appears to be limited to depths of forty-five (45) ft. below land surface. All indications of contamination either declined drastically or were not detectable at depths below 45 ft. (*Figure 3, Summary of Analytical Results in mg/Kg and Figure 4, Analytical Results Boring HB1/B1*).

There were no indications of contamination in any of the four borings, B2, B3, B4, and B5, surrounding Boring B1. All borings clean

The average contaminant concentration remaining on site is less than calculated specified retention. Since vertical migration of the contaminants by gravity is not expected without a flushing medium (rain), a competent surface seal over the contaminant source area the contamination present should prevent any significant threat to the quality of ground water underlying the site.

Recommendations: Provide a concrete/asphalt seal extending an additional twenty (20) ft. around and/or beyond the existing concrete pad over the former fuel dispensing island and the site of boring No. HB1-B1. Seal all existing cracks/holes in the concrete pad. No further delineation and/or remediation is recommended.

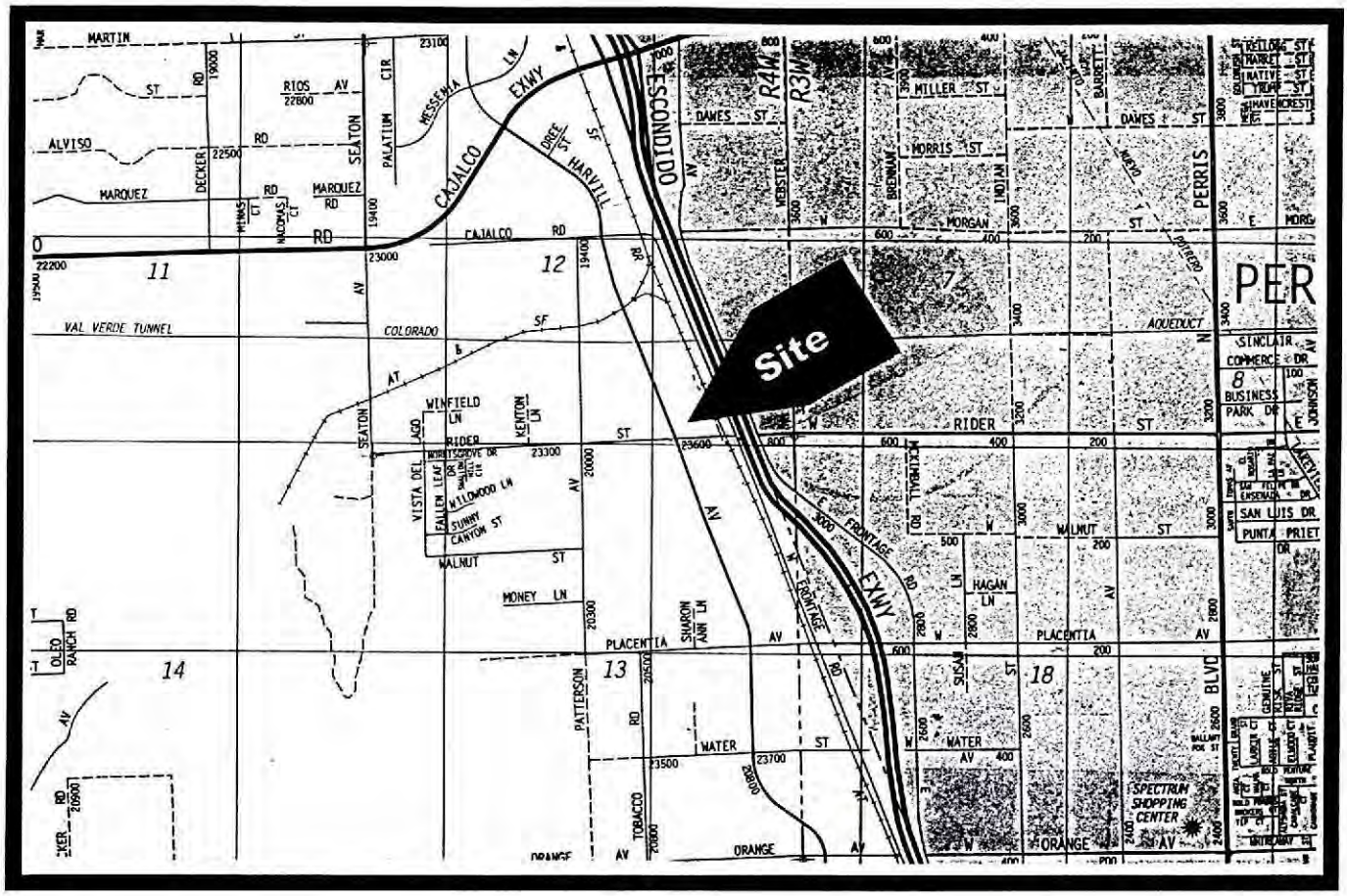
Properly transport and dispose of any drummed or stockpiled soil on-site

Should you have any questions regarding the above information please feel free to contact the undersigned at (909) 885-7072.

Donald R. Chance
Project Geologist
CA Reg Env Assessor No 203

Jerry D. Horne
California Registered Geologist, RG-547
CA Cert. Hydrogeologist, HG-218

cc: Dan Brown, Mc Anally Enterprises
Tony Mc Anally, Mc Anally Enterprises
Ken Williams, Santa Ana Regional Water Quality Control Board



N

FIGURE 1

Site Location Map

Mc Annally Enterprises
23480 Rider Street
Perris, California

Approximate Scale: 1" = 2,400'

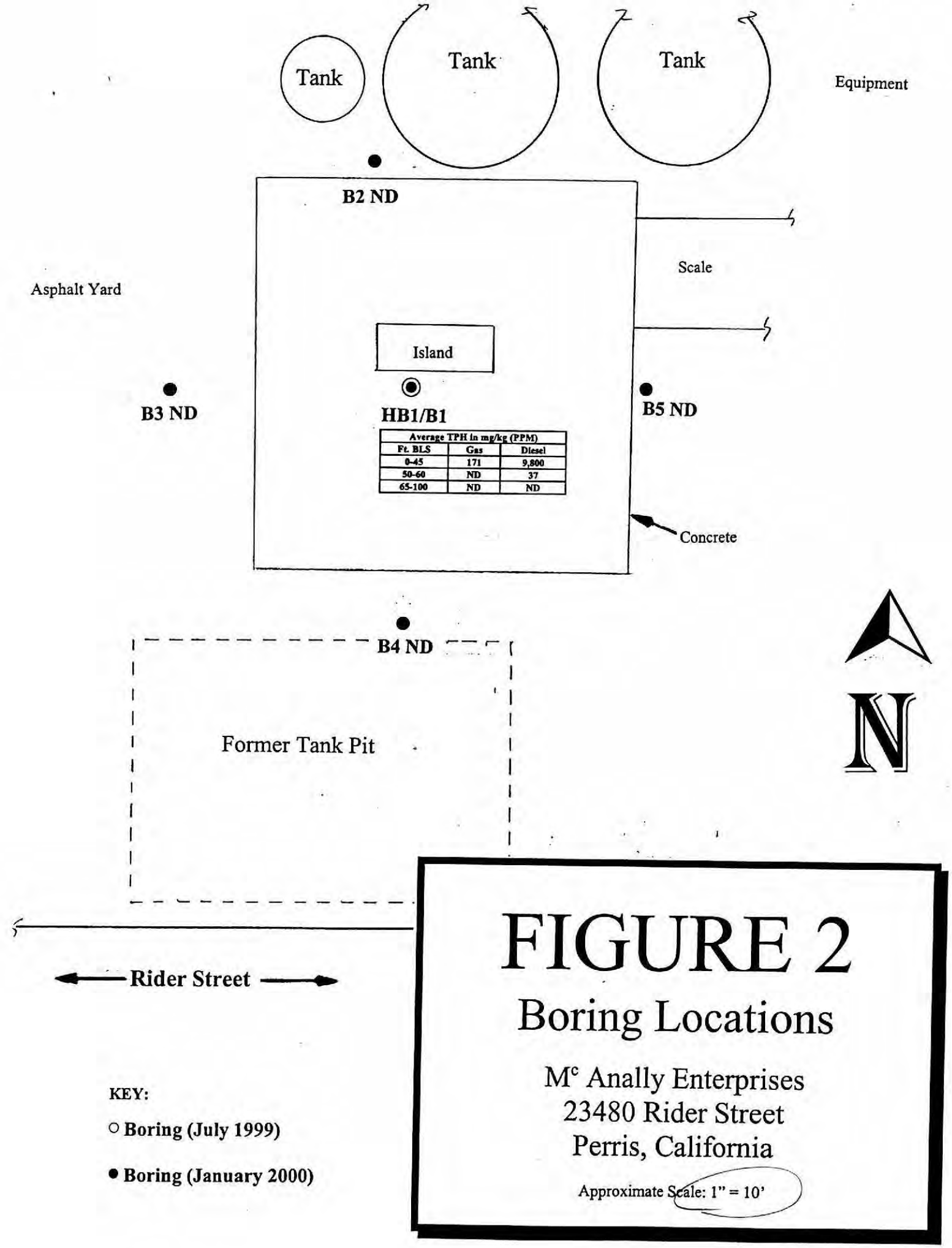


FIGURE 2

Boring Locations

Mc Anally Enterprises
23480 Rider Street
Perris, California

Approximate Scale: 1" = 10'

Figure 3, Analytical Summary (in mg/kg)

Sample	Depth	EPA8015		EPA 8020						EPA 8260
ID	BLS	Diesel	Gas	B	T	E	E	X	MTBE	VOC*
B1	65'	ND	ND	ND	ND	ND	ND	ND	ND	--
	70'	--	--	--	--	--	--	--	--	--
	75'	ND	ND	ND	ND	ND	ND	ND	ND	--
	80'	ND	ND	ND	ND	ND	ND	ND	ND	--
	85'	ND	ND	ND	ND	ND	ND	ND	ND	--
	90'	ND	ND	ND	ND	ND	ND	ND	ND	--
	95'	ND	ND	ND	0.009	ND	ND	ND	ND	ND
	100'	ND	ND	ND	ND	ND	ND	ND	ND	--
B2	5'	ND	ND	ND	ND	ND	ND	0.016	0.026	ND
	10'	--	--	--	--	--	--	--	--	--
	15'	ND	ND	ND	ND	ND	ND	ND	ND	--
	20'	--	--	--	--	--	--	--	--	--
	25'	ND	ND	ND	ND	ND	ND	ND	ND	--
	30'	--	--	--	--	--	--	--	--	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	--
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
	60'	ND	ND	ND	ND	ND	ND	ND	ND	--
B3	5'	ND	ND	ND	ND	ND	ND	ND	ND	--
	10'	--	--	--	--	--	--	--	--	--
	15'	ND	ND	ND	ND	ND	ND	ND	ND	--
	20'	--	--	--	--	--	--	--	--	--
	25'	ND	ND	ND	ND	ND	ND	ND	ND	--
	30'	--	--	--	--	--	--	--	--	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	--
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
	60'	ND	ND	ND	ND	ND	ND	ND	ND	--
B4	5'	--	--	--	--	--	--	--	--	--
	10'	ND	ND	ND	ND	ND	ND	ND	ND	--
	15'	--	--	--	--	--	--	--	--	--
	20'	ND	ND	ND	ND	ND	ND	ND	ND	--
	25'	--	--	--	--	--	--	--	--	--
	30'	ND	ND	ND	ND	ND	ND	ND	ND	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	---
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
B5	5'	ND	ND	ND	ND	ND	ND	ND	ND	--
	10'	--	--	--	--	--	--	--	--	--
	15'	ND	ND	ND	ND	ND	ND	ND	ND	--
	20'	--	--	--	--	--	--	--	--	--
	25'	ND	ND	ND	ND	ND	ND	ND	ND	--
	30'	--	--	--	--	--	--	--	--	--
	35'	ND	ND	ND	ND	ND	ND	ND	ND	--
	40'	ND	ND	ND	ND	ND	ND	ND	ND	--
	45'	ND	ND	ND	ND	ND	ND	ND	ND	--
	50'	ND	ND	ND	ND	ND	ND	ND	ND	--
	55'	ND	ND	ND	ND	ND	ND	ND	ND	--
	60'	ND	ND	ND	ND	ND	ND	ND	ND	--
DETECTION LIMIT:		10	0.50	0.005	0.005	0.005	0.005	0.015	0.005	--

*Volatile Organics with Oxygenates

Figure 4: Analytical Results Boring HB1/B1 (in mg/kg)

SAMPLE DATE	SAMPLE ID	EPA M8015		EPA 8260												
		TPH (gas)	TPH (diesel)	BENZENE	ETHYLBENZENE	ISOPROPYLBENZENE	P-ISOPROPYLTOLUENE	NAPHTHALENE	N-PROPYLBENZENE	TOLUENE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	O-XYLENE	M,P-XYLENE	TOTAL XYLENES	MTBE
07/23/99	HB-1 (3')	10	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HB-1 (6')	360	18,000	ND	0.680	0.640	0.690	0.870	0.960	0.079	ND	ND	0.930	2.400	3.33	ND
	HB-1 (9')	240	8,600	ND	0.290	0.230	0.310	0.870	0.400	ND	1.600	0.900	0.640	0.980	1.62	ND
	HB-1 (12')	36	3,200	ND	0.160	0.110	0.160	0.560	0.190	ND	0.990	0.370	ND	0.560	0.560	ND
	HB-1 (15')	440	6,300	ND	0.270	0.190	0.240	1.100	0.320	ND	1.600	0.640	ND	0.160	0.160	ND
	HB-1 (17')	17	2,900	ND	0.120	0.092	0.140	0.700	0.170	ND	1.000	0.390	ND	0.520	0.520	ND
	HB-1 (21')	41	4,000	ND	0.470	0.310	0.380	1.700	0.560	ND	2.700	1.100	0.300	1.900	2.200	ND
	HB-1 (25')	22	9,500	ND	0.350	0.240	0.320	ND	0.430	0.230	0.580	0.750	0.610	1.100	1.710	ND
	HB-1 (30')	46	14,000	ND	0.084	0.130	0.240	ND	0.240	0.054	0.420	0.520	0.200	0.270	0.470	ND
	HB-1 (35')	11	11,000	ND	0.045	0.900	0.360	0.990	1.600	0.024	2.500	2.800	ND	0.230	0.230	ND
	HB-1 (40')	810	20,000	ND	0.250	0.360	0.460	ND	0.430	0.150	0.290	0.790	0.290	0.290	0.580	ND
	HB-1 (45')	21	8,100	ND	0.087	0.100	0.150	1.200	0.140	0.038	0.870	0.360	0.160	0.170	0.330	ND
	HB-1 (50')	ND	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HB-1 (55')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	HB-1 (60')	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	N D	ND	ND	ND
01/05/00	B1 (65')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (70')	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8020 only	B1 (75')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (80')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (85')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	B1 (90')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8260	B1 (95')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8020 only	B1 (100')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N D	ND	ND	ND

Appendix A

Boring Logs

Project: Mc Anally - 00110
Location: Perris, CA
Drilling Method: Hollow Stem Auger

SOIL BORING LOG

Boring: HB - 1 / B-1
Drilling Date: 7/23/99 & 1/
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	0								
		7:37 7/23/99	Med. brn., med, fine, coarse grained, silty sand	SM	5	0		0	sl
	5	7:44 7/23/99	Med. Brn., fine, very fine grained, clayey sand	SC	10	0		0	sl
		7:55 7/23/99	Yellowish Brn., very fine, fine, med. grained, clayey sand	SC	23	0		0	sl
	10	8:04 7/23/99	Dark yellowish brn., very fine, fine grained, slightly clayey sand	SC	42	0		0	st
	15	8:11 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	24	0		0	st
		8:20 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	63	0		0	st
	20	8:33 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	57	0		0	st
	25	8:55 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	63	0		0	st
	30	9:00 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	19	0		0	st
	35	9:06 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	19	0		0	sl
	40	9:13 7/23/99	Dark yellowish brn., very fine, fine grained, slightly clayey sand	SC	27	0		0	st
	45	9:31 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained clayey sand	SC	28	0		0	0
	50	9:37 7/23/99	Yellowish Brn., very fine, fine, med, & coarse grained clayey sand	SC	35	0		0	0
	55	9:48 7/23/99	Yellowish Brn., very fine, fine, med. grained clayey sand	SC	19	0		0	0

Project: Mc Anally - 00110
Location: Perris, CA
Drilling Method: Hollow Stem Auger

SOIL BORING LOG

Boring: HB-1 / B-1
Drilling Date: 7/23/99 & 1/5
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	60	9:56 7/23/99	Yellow Brown very fine, fine, med., & coarse grained clayey sand	SC	24	0		0	0
	65	2:52 1/5/00	Yellow brown fine, medium & coarse grained clayey sand	SC	50	0		0	0
	70	3:04 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	70	0		0	0
	75	3:15 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	63	0		0	0
	80	3:30 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	83	0		0	0
	85	3:48 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	77	0		0	0
	90	4:13 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	100	0		0	0
	95	4:25 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	100	0		0	0
	100	4:42 1/5/00	Yellow brown fine, medium & coarse grained sand	SW	100	0		0	0
	105								
	110								

Project: Mc Aanally 00110
Location: Perris, CA
Drilling Method: Hollow Stem Auger

SOIL BORING LOG

Boring: B - 2
Drilling Date: 1/4
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	0								
	5	9:17	Med. brn., med, fine, coarse grained, silty sand	SM	10	0		0	0
	10	9:26	Med. Brn., fine, very fine grained, clayey sand	SC	41	0		0	0
	15	9;35	Yellow brown., very fine, fine, med, & coarse grained, clayey sand	SC	21	0		200	0
	20	9:41	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	45	0		275	0
	25	9:50	Yellowish Brn., very fine, fine grained sand	SW	42	0		300	0
	30	10:01	Yellow Brown., fine, med, & coarse grained clayey sand	SC	25	0		150	0
	35	10:16	Yellow Brown., fine, med, & coarse grained clayey sand	SC	60	0		0	0
	40	10:37	Yellow Brown., fine, med, & coarse grained clayey sand	SC	25	0		0	0
	45	10:56	Yellow Brown., fine, med, & coarse grained clayey sand	SC	31	0		0	0
	50	11:13	Yellow Brown., fine, med, & coarse grained clayey sand	SC	37	0		0	0
	55	11:28	Yellow Brown., fine, med, & coarse grained clayey sand	SC	26	0		0	0
	60	11:52	Yellow Brown., fine, med, & coarse grained clayey sand	SC	30	0		0	0

Project: Mc Aanally 00110
Location: Perris, CA
Drilling Method: Hollow Stem Auger

SOIL BORING LOG

Boring: B - 3
Drilling Date: 1/4
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	0								
	5	1:23	Med. brn., med, fine, coarse grained, silty sand	SM	13	0		0	0
	10	1:31	Med. Brn , fine, very fine grained, clayey sand	SC	22	0		0	0
	15	1:41	Yellow brown., very fine, fine, med, & coarse grained, clayey sand	SC	28	0		0	0
	20	1:52	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	28	0		175	0
	25	2:03	Yellowish Brn., very fine, fine grained sand	SW	25	0		75	0
	30	2:12	Yellow Brown., fine, med, & coarse grained clayey sand	SC	23	0		0	0
	35	2:26	Yellow Brown., fine, med, & coarse grained clayey sand	SC	72	0		0	0
	40	2:45	Yellow Brown., fine, med, & coarse grained clayey sand	SC	41	0		0	0
	45	3:02	Yellow Brown., fine, med, & coarse grained clayey sand	SC	25	0		0	0
	50	3:23	Yellow Brown., fine, med, & coarse grained clayey sand	SC	60	0		0	0
	55	3:37	Yellow Brown., fine, med, & coarse grained clayey sand	SC	51	0		0	0
	60	3:49	Yellow Brown., fine, med, & coarse grained clayey sand	SC	57	0		0	0

Project: Mc Aanally 00110
Location: Perris, CA
Drilling Method: Hollow Stem Auger

SOIL BORING LOG

Boring: B - 4
Drilling Date: 1/5
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	0								
	5	8:00	Med. brn., med, fine, coarse grained, silty sand	SM	14	0		0	0
	10	8:07	Med. Brn., fine, very fine grained, clayey sand	SC	33	0		0	0
	15	8:15	Yellow brown., very fine, fine, med, & coarse grained, clayey sand	SC	36	0		0	0
	20	8:25	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	31	0		0	0
	25	8:36	Yellowish Brn., very fine, fine grained sand	SW	35	0		0	0
	30	8:48	Yellow Brown., fine, med, & coarse grained clayey sand	SC	33	0		0	0
	35	8:55	Yellow Brown., fine, med, & coarse grained clayey sand	SC	32	0		0	0
	40	9:04	Yellow Brown., fine, med, & coarse grained clayey sand	SC	33	0		0	0
	45	9:15	Yellow Brown., fine, med, & coarse grained clayey sand	SC	23	0		0	0
	50	9:26	Yellow Brown., fine, med, & coarse grained clayey sand	SC	30	0		0	0
	55	9:35	Yellow Brown., fine, med, & coarse grained clayey sand	SC	40	0		0	0

Project: Mc Aanally 00110
Location: Perris, CA
Drilling Method: Hollow Stem Auger

SOIL BORING LOG

Boring: B - 5
Drilling Date: 1/4
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	0								
	5	10:38	Med. brn., med, fine, coarse grained, silty sand	SM	12	0		0	0
	10	10:44	Med. Brn., fine, very fine grained, clayey sand	SC	16	0		0	0
	15	10:50	Yellow brown., very fine, fine, med, & coarse grained, clayey sand	SC	20	0		0	0
	20	10:59	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	30	0		0	0
	25	11:06	Yellowish Brn., very fine, fine grained sand	SW	31	0		0	0
	30	11:15	Yellow Brown., fine, med, & coarse grained clayey sand	SC	21	0		0	0
	35	11:23	Yellow Brown., fine, med, & coarse grained clayey sand	SC	41	0		0	0
	40	11:31	Yellow Brown very fine, fine grained sandy clay	CL	32	0		0	0
	45	11:48	Yellow Brown very fine, fine grained clayey sand	SC	33	0		0	0
	50	12:03	Yellow Brown., fine, med, & coarse grained clayey sand	SC	41	0		0	0
	55	12:18	Yellow Brown., fine, med, & coarse grained clayey sand	SC	45	0		0	0
	60	12:29	Yellow Brown., fine, med, & coarse grained clayey sand	SC	30	0		0	0

Appendix B

Analytical Data

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 15836

Page One of SIX

Project No.:	Project Name:
00010	McAnally

Project Manager:	Phone:	Fax:
D. Mower	909-885-7072	909-885-7037

Client Name: (Company)	Address:
GeoSec Inc.	237 So. Waterman Ave.

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	8260 + oxygenates	Hold	
1	B1-65'	01/04/00	3:52	↑		↑			X	X							*		
2	70'		3:04															X	
3	75'		3:15						X	X							*		
4	80'		3:30						X	X							*		
5	85'		3:48						X	X							*		
6	90'		4:13						X	X							*		
7	95'		4:25						X	X							*		
8	100'	↓	4:42	↓		(1) 5-Tube			X	X							*		
9	B2-5'	01/04/00	9:17						X	X							*		
10	10'	↓	9:26	↓		↓												X	

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

* all samples w/ detectable [C] by 8620.

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	01/04/00	08:00		01/04/00	9:45
Received by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
	01/04/00	08:00		1/6/00	9:45
			Relinquished by:	Date 1/6/00	Time 10:15
			Received for Laboratory by:	Date 1/6/00	Time 10:15

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☒ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No.
D-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

TERMS AND CONDITIONS OF SALE

1. DEFINITIONS

1.1 "Terms and Conditions" means those Terms and Conditions of Sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing by Centrum as provided in Section 7.1.

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1.3 "Price Schedule" means Centrum's standard price schedule as such document may be amended or reissued from time to time by Centrum.

2. ORDERS

2.1 The client may order services (i.e.), Scope of Work) by submitting a written chain of custody - record/order to Centrum. Any such order constitutes a) an acceptance by the Client of Centrum's offer to do business with the Client under the Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Client's delivery of samples to Centrum or initiation of consulting services constitutes the Client's express assent to be governed by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and Conditions.

3. PAYMENT TERMS

3.1 Services performed by Centrum will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule, Prices are subject to change periodically without notice. The Client should confirm the current price with Centrum prior to placing an order for work.

3.2 Payment terms are net 30 days from the date of invoice by Centrum. All overdue payments are subject to an additional interest and service charge of one and one half percent (1.5%) per month or portion thereof from the due date until the date of payment. All payments shall be made in United States currency.

3.3 Should default be made by client in payment of any amount due Centrum for any order or service rendered and if action be instituted to collect said sums, the prevailing party will be entitled to such additional sum as the Court may fix as reasonable attorney's fees.

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # 15836

Chain of Custody Record

Project No.: 000110	Project Name: McAnally		
Project Manager: D. Mayer	Phone: 909-885-7072	Fax: 909-885-7037	
Client Name (Company): GeoSec Inc.	Address: 237 So. Waterman Ave.		

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	8260 + oxygenates	H2O		Remarks/ Special Instructions
11	B2 - 15'	01/04/00	9:35	S		1			X	X							*			* all samples w/detectable [C] by 8020.
12	20'		9:41			1 HCl												X		
13	25'		9:50						X	X							*			
14	30'		10:01															X		
15	35'		10:16			5			X	X							*			
16	40'		10:37						X	X							*			
17	45'		10:56						X	X							*			
18	50'		11:13						X	X							*			
19	55'		11:28						X	X							*			
20	60'		11:52						X	X							*			

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	01/04/00	08:00	D. Mayer	01/04/00	9:45
Received by: D. Mayer	Date 01/04/00	Time 08:00	Received by: P. Barnes	Date 1/6/00	Time 9:45
			Relinquished by: P. Barnes	Date 1/6/00	Time 10:15
			Received for Laboratory by: [signature]	Date 1/6/00	Time 10:15

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☑ Courier ☐ UPS/Fed Ex ☐ Hand carried

Turn-around time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No. D-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

TERMS AND CONDITIONS OF SALE

1. DEFINITIONS

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3. PAYMENT TERMS

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Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 15836

Page three of six

Project No.:	Project Name:	Project Manager:	Phone:	Fax:
000110	McAnally	D. Mahar	909-885-7072	909-885-7037

Client Name: (Company) Ojo Sec Inc.

Address: 737 S. Waterman Ave

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	8260 + oxygenates	Hold	
21	B3-5'	01/04/00	1:23	↑		↑			X	X							*		
22	10'		1:31															X	
23	15'		1:41						X	X							*		
24	20'		1:52															X	
25	25'		2:03						X	X							*		
26	30'		2:12															X	
27	35'		2:26						X	X							*		
28	40'		2:45						X	X							*		
29	45'		3:03						X	X							*		
30	50'	↓	3:23	↓		↓			X	X							*		

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

Requires prior approval, additional charges apply

Remarks/ Special Instructions

* all samples w/detectable [C] by 8260.

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	01/06/00	08:00		01/06/00	9:45
Received by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
	01/06/00	08:00		1/6/00	9:45
			Relinquished by:	**Date**	**Time**
				1/6/00	10:15
			Received for laboratory by:	**Date**	**Time**
				1/6/00	10:15

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☒ Yes ☐ No

Custody seals? ☐ Yes ☒ No

All sample containers intact? ☒ Yes ☐ No

☒ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No. D-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

TERMS AND CONDITIONS OF SALE

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Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 15836

Page four of six

Project No.: 200 110	Project Name: Mr. Omalley
Project Manager: D. Maher	Phone: 909 885 7072 Fax: 909-885-7037
Client Name: (Company) GeoSa Inc.	Address: 237 S. Waterman Ave.

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	8260 + oxygenates	Hold		Remarks/ Special Instructions
31	B3- 55'	01/04/00	3:37						X	X							*			*all samples w/ detectable [C] by 8260.
32	60'		3:49						X	X							*			
33	B4- 5'	01/05/00	8:00															X		
34	10'		8:07						X	X							*			
35	15'		8:15															X		
36	20'		8:25						X	X							*			
37	25'		8:36															X		
38	30'		8:48						X	X							*			
39	35'		8:55						X	X							*			
40	40'		9:04						X	X							*			

	Date	Time		Date	Time
Relinquished by: (Sampler's Signature)	01/04/00	08:00	Relinquished by:	01/06/00	9:45
Received by:	01/04/00	08:00	Received by:	1/6/00	9:45
			Relinquished by:	1/6/00	10:13
			Received for Laboratory by:	1/6/00	10:15

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☑ Yes ☐ No

Custody seals? ☐ Yes ☑ No

All sample containers intact? ☑ Yes ☐ No

☑ Courier ☐ UPS/Fed Ex ☐ Hand carried

Turn-around time

- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

*Requires prior approval, additional charges apply

Sample Disposal

- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No.

D-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

TERMS AND CONDITIONS OF SALE

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290 TENNESSEE STREET
REDLANDS, CA 92373
(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Chain of Custody Record

Centrum Job # 15836

Project No:	Project Name:		
000116	Mc Onally		
Project Manager:	**Phone:**	**Fax:**	
D. Mayer	909-885-7072	909-885-7037	
Client Name: (Company)	**Address:**		
GeoSoc Inc.	237 So. Waterman Ave		

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	8260 + oxygenates	Hold	
41	B4-45'	01/05/00	9:15						X	X							*		
42	50'		9:26						X	X							*		
43	55'		9:35						X	X							*		
44	B5-5'		10:38						X	X							*		
45	10'		10:44															X	
46	15'		10:50						X	X							*		
47	20'		10:59															X	
48	25'		11:06						X	X							*		
49	30'		11:15															X	
50	35'		11:23						X	X							*		

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

*Requires prior approval, additional charges apply

Remarks/ Special Instructions

*all samples w/ detectable [C] by 8260.

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	01/05/00	08:00		01/06/00	9:45
Received by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
	01/06/00	08:00		1/6/00	9:45
			Relinquished by:	**Date**	**Time**
				1/6/00	10:15
			Received for Laboratory by:	**Date**	**Time**
				1/6/00	10:15

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:
- Samples chilled? ☒ Yes ☐ No
- Custody seals? ☐ Yes ☒ No
- All sample containers intact? ☒ Yes ☐ No
- ☒ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No.
D-1

White Copy - Original (Accompanies Samples) | Yellow Copy - Centrum Files | Pink Copy - Client Copy

TERMS AND CONDITIONS OF SALE

1. DEFINITIONS

1.1 "Terms and Conditions" means those Terms and Conditions of Sale, including the Price Schedule, and any additions or amendments hereto which are agreed to in writing by Centrum as provided in Section 7.1.

1.2 "Client" means the individual or entity who may request laboratory, consulting, or sampling services, and his or its heirs, successors, assigns and representatives.

1.3 "Price Schedule" means Centrum's standard price schedule as such document may be amended or reissued from time to time by Centrum.

2. ORDERS

2.1 The client may order services (i.e.), Scope of Work) by submitting a written chain of custody - record/order to Centrum. Any such order constitutes a) an acceptance by the Client of Centrum's offer to do business with the Client under the Terms and Conditions, and b) an agreement to be bound by these Terms and Conditions. The Client's delivery of samples to Centrum or initiation of consulting services constitutes the Client's express assent to be governed by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of the Terms and Conditions.

3. PAYMENT TERMS

3.1 Services performed by Centrum will be in accordance with prices quoted and later confirmed in writing or as stated in the Price Schedule, Prices are subject to change periodically without notice. The Client should confirm the current price with Centrum prior to placing an order for work.

3.2 Payment terms are net 30 days from the date of invoice by Centrum. All overdue payments are subject to an additional interest and service charge of one and one half percent (1.5%) per month or portion thereof from the due date until the date of payment. All payments shall be made in United States currency.

3.3 Should default be made by client in payment of any amount due Centrum for any order or service rendered and if action be instituted to collect said sums, the prevailing party will be entitled to such additional sum as the Court may fix as reasonable attorney's fees.

Centrum Analytical Laboratories, Inc.

290 TENNESSEE STREET
REDLANDS, CA 92373

(909) 798-9336 • (800) 798-9336
FAX (909) 793-1559

Centrum Job # :

Chain of Custody Record

Page Six of Six

Project No.:	Project Name:		
00010	McConnelly		
Project Manager:	**Phone:**	**Fax:**	
P. Mann	909-885-7092	909-885-7037	
Client Name: (Company)	**Address:**		
GeoSoc. Inc.	737 So. Waterman Ave.		

Analyses Requested

Centrum ID (Lab use only)	Sample ID (As it should appear on report)	Date sampled	Time sampled	Sample matrix	Site location	Containers: # and type	GCMS: 8260 8240 8010 524.2	8080: Pesticides PCBs Pest/PCB	8015M: Diesel Fuel Screen	8015M: Gasoline 8020 Gas/BTEX	418.1 (TRPH)	Semivolatiles: 8270 625	Metals: TTLC(CAM) PP RCRA	Lead Only	pH TDS TSS Conductivity COD	Flashpoint Fluoride Hex Chrome	8260+oxygenates		
51	B5-40'	01/05/99	11:31			5 5-gal tubes			X	X							X		
52	45'		11:48						X	X							X		
53	50'		12:03						X	X							X		
54	55'		12:18						X	X							X		
55	60'		12:29						X	X							X		

Turn-around time
- ☐ 24 Hr. RUSH*
- ☐ 48 Hr. RUSH*
- ☒ Normal TAT

* Requires prior approval, additional charges apply

Remarks/ Special Instructions

* all samples w/detectable TCL by 8020.

Relinquished by: (Sampler's Signature)	Date	Time	Relinquished by:	Date	Time
	01/06/00	08:00		1/6/00	9:45
Received by:	**Date**	**Time**	**Received by:**	**Date**	**Time**
	01/06/00	08:00		1/6/00	9:45
			Relinquished by:	**Date**	**Time**
				1/6/00	10:15
			Received for Laboratory by:	**Date**	**Time**
				1/6/00	10:15

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.

To be completed by laboratory personnel:

Samples chilled? ☐ Yes ☐ No

Custody seals? ☐ Yes ☐ No

All sample containers intact? ☐ Yes ☐ No

☒ Courier ☐ UPS/Fed Ex ☐ Hand carried

Sample Disposal
- ☐ Client will pick up
- ☐ Return to client
- ☐ Lab disposal fee $5

Laboratory Notes:

Sample Locator No.
D-1

White Copy - Original (Accompanies Samples) Yellow Copy - Centrum Files Pink Copy - Client Copy

TERMS AND CONDITIONS OF SALE

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Centrum Analytical Laboratories, Inc.

CERTIFIED HAZARDOUS WASTE TESTING LABORATORY • CHEMICAL AND BIOLOGICAL ANALYSES

Client: GeoSec
237 S. Waterman Avenue
San Bernardino, CA 92408

Date Sampled: 01/05/00
Date Received: 01/06/00
Job Number: 15836

Project: McAnally

CASE NARRATIVE

The following information applies to samples which were received on 01/06/00 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested.

Report approved by:

Robert R. Clark, Ph.D.
Laboratory Director

ELAP # 1184

DL : Detection Limit -- The lowest level at which the compound can reliably be detected under normal laboratory conditions.
ND : Not Detected -- The compound was analyzed for but was not found to be present at or above the detection limit.
NA : Not Analyzed -- Per client request, this analyte was not on the list of compounds to be analyzed for.

Modified 8015 - Total Extractable Petroleum Hydrocarbons as Diesel

Client: GeoSec
Project: McAnally
Job No.: 15836
Matrix: Soil
Analyst: CP

Date Sampled: 01/05/00
Date Received: 01/06/00
Date Extracted: 01/06/00
Date Analyzed: 01/06-07/00
Batch Number: 8015DS1812

	Detection Limit	Diesel	Surrogate (OTP)
Sample ID	mg/kg	mg/kg	Limit: 50 - 150%
Method Blank	10	ND	95 %
B1-65'	10	ND	99 %
B1-75'	10	ND	95 %
B1-80'	10	ND	96 %
B1-85'	10	ND	96 %
B1-90'	10	ND	97 %
B1-95'	10	ND	96 %
B1-100'	10	ND	98 %
B2-5'	10	ND	98 %
B2-15'	10	ND	93 %
B2-25'	10	ND	94 %
B2-35'	10	ND	98 %
B2-40'	10	ND	96 %
B2-45'	10	ND	95 %
B2-50'	10	ND	96 %
B2-55'	10	ND	97 %
B2-60'	10	ND	97 %
B3-5'	10	ND	98 %
B3-15'	10	ND	97 %
B3-25'	10	ND	96 %
B3-35'	10	ND	98 %

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Modified 8015 - Total Extractable Petroleum Hydrocarbons as Diesel

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Extracted:	01/06/00
Matrix:	Soil	Date Analyzed:	01/06-07/00
Analyst:	CP	Batch Number:	8015DS1813

	Detection Limit	Diesel	Surrogate (OTP)
Sample ID	mg/kg	mg/kg	Limit: 50 - 150%
Method Blank	10	ND	113 %
B3-40'	10	ND	118 %
B3-45'	10	ND	117 %
B3-50'	10	ND	116 %
B3-55'	10	ND	115 %
B3-60'	10	ND	112 %
B4-10'	10	ND	115 %
B4-20'	10	ND	118 %
B4-30'	10	ND	114 %
B4-35'	10	ND	116 %
B4-40'	10	ND	116 %
B4-45'	10	ND	118 %
B4-50'	10	ND	114 %
B4-55'	10	ND	119 %
B5-5'	10	ND	118 %
B5-15'	10	ND	118 %
B5-25'	10	ND	116 %
B5-35'	10	ND	120 %
B5-40'	10	ND	118 %
B5-45'	10	ND	120 %
B5-50'	10	ND	123 %

Printed on Recycled Paper.

Modified 8015 - Total Extractable Petroleum Hydrocarbons as Diesel

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Extracted:	01/10/00
Matrix:	Soil	Date Analyzed:	01/10-11/00
Analyst:	CP	Batch Number:	8015DS1816

	Detection Limit	Diesel	Surrogate (OTP)
Sample ID	mg/kg	mg/kg	Limit: 50 - 150%
Method Blank	10	ND	96 %
B5-55'	10	ND	95 %
B5-60'	10	ND	98 %

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QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1812

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	**92**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	92	94	**2%**	29%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper

Centrum
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QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1813

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	**96**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: B4-50'

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	97	99	**2%**	29%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper.

Centrum
(800) 798-9336

QC Sample Report - EPA 8015M Diesel

Matrix: Soil
Batch #: 8015DS1816

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Diesel	100	**95**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 15851-11

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Diesel	95	96	**1%**	29%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper.

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Analyzed:	01/06-12/00
Matrix:	Soil	Batch Number:	8015GS2468
Analyst:	NBP		

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
B1-65'	0.50	ND
B1-75'	0.50	ND
B1-80'	0.50	ND
B1-85'	0.50	ND
B1-90'	0.50	ND
B1-95'	0.50	ND
B1-100'	0.50	ND
B2-5'	0.50	ND
B2-15'	0.50	ND
B2-25'	0.50	ND
B2-35'	0.50	ND
B2-40'	0.50	ND
B2-45'	0.50	ND
B2-50'	0.50	ND
B2-55'	0.50	ND
B2-60'	0.50	ND

Printed on Recycled Paper.

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Analyzed:	01/07-12/00
Matrix:	Soil	Batch Number:	8015GS2470
Analyst:	NBP		

	Detection Limit	**Petroleum Hydrocarbons as Gasoline**
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
B3-5'	0.50	ND
B3-15'	0.50	ND
B3-25'	0.50	ND
B3-35'	0.50	ND
B3-40'	0.50	ND
B3-45'	0.50	ND
B3-50'	0.50	ND
B3-55'	0.50	ND
B3-60'	0.50	ND
B4-10'	0.50	ND
B4-20'	0.50	ND
B4-30'	0.50	ND
B4-35'	0.50	ND
B4-40'	0.50	ND

Printed on Recycled Paper.

Modified 8015 - Total Volatile Hydrocarbons as Gasoline

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Analyzed:	01/12/00
Matrix:	Soil	Batch Number:	8015GS2476
Analyst:	NBP		

	Detection Limit	Petroleum Hydrocarbons as Gasoline
Sample ID	mg/kg	mg/kg
Method Blank	0.50	ND
B4-45'	0.50	ND
B4-50'	0.50	ND
B4-55'	0.50	ND
B5-5'	0.50	ND
B5-15'	0.50	ND
B5-25'	0.50	ND
B5-35'	0.50	ND
B5-40'	0.50	ND
B5-45'	0.50	ND
B5-50'	0.50	ND
B5-55'	0.50	ND
B5-60'	0.50	ND

Printed on Recycled Paper

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2468

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	**99**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.95	9.26	**7%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

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QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2470

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	**100**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	10.03	9.57	**5%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper

QC Sample Report - EPA 8015M Gasoline

Matrix: Soil
Batch #: 8015GS2476

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Gasoline	10.0	**98**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Gasoline	9.77	9.27	**5%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper.

EPA 8020 - BTEX and MtBE

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Analyzed:	01/06-12/00
Matrix:	Soil	Batch Number:	8020S2468
Analyst:	NBP		

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	94 %
B1-65'	ND	ND	ND	ND	ND	93 %
B1-75'	ND	ND	ND	ND	ND	97 %
B1-80'	ND	ND	ND	ND	ND	94 %
B1-85'	ND	ND	ND	ND	ND	97 %
B1-90'	ND	ND	ND	ND	ND	95 %
B1-95'	ND	ND	**0.009**	ND	ND	90 %
B1-100'	ND	ND	ND	ND	ND	97 %
B2-5'	**0.026**	ND	ND	ND	**0.016**	95 %
B2-15'	ND	ND	ND	ND	ND	96 %
B2-25'	ND	ND	ND	ND	ND	94 %
B2-35'	ND	ND	ND	ND	ND	96 %
B2-40'	ND	ND	ND	ND	ND	96 %
B2-45'	ND	ND	ND	ND	ND	92 %
B2-50'	ND	ND	ND	ND	ND	99 %
B2-55'	ND	ND	ND	ND	ND	95 %
B2-60'	ND	ND	ND	ND	ND	93 %

Printed on Recycled Paper.

EPA 8020 - BTEX and MtBE

Client: GeoSec
Project: McAnally
Job No.: 15836
Matrix: Soil
Analyst: NBP

Date Sampled: 01/05/00
Date Received: 01/06/00
Date Analyzed: 01/07-12/00
Batch Number: 8020S2470

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	95 %
B3-5'	ND	ND	ND	ND	ND	92 %
B3-15'	ND	ND	ND	ND	ND	95 %
B3-25'	ND	ND	ND	ND	ND	96 %
B3-35'	ND	ND	ND	ND	ND	98 %
B3-40'	ND	ND	ND	ND	ND	94 %
B3-45'	ND	ND	ND	ND	ND	91 %
B3-50'	ND	ND	ND	ND	ND	91 %
B3-55'	ND	ND	ND	ND	ND	95 %
B3-60'	ND	ND	ND	ND	ND	93 %
B4-10'	ND	ND	ND	ND	ND	95 %
B4-20'	ND	ND	ND	ND	ND	95 %
B4-30'	ND	ND	ND	ND	ND	95 %
B4-35'	ND	ND	ND	ND	ND	95 %
B4-40'	ND	ND	ND	ND	ND	92 %

Printed on Recycled Paper.

EPA 8020 - BTEX and MtBE

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Analyzed:	01/12/00
Matrix:	Soil	Batch Number:	8020S2476
Analyst:	NBP		

	Methyl-tert butyl ether	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Detection Limit:	0.005	0.005	0.005	0.005	0.015	Limit: >50%
Sample ID	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Method Blank	ND	ND	ND	ND	ND	95 %
B4-45'	ND	ND	ND	ND	ND	88 %
B4-50'	ND	ND	ND	ND	ND	91 %
B4-55'	ND	ND	ND	ND	ND	96 %
B5-5'	ND	ND	ND	ND	ND	94 %
B5-15'	ND	ND	ND	ND	ND	89 %
B5-25'	ND	ND	ND	ND	ND	93 %
B5-35'	ND	ND	ND	ND	ND	95 %
B5-40'	ND	ND	ND	ND	ND	95 %
B5-45'	ND	ND	ND	ND	ND	94 %
B5-50'	ND	ND	ND	ND	ND	93 %
B5-55'	ND	ND	ND	ND	ND	92 %
B5-60'	ND	ND	ND	ND	ND	89 %

Printed on Recycled Paper

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2468

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	**95**	70 - 130	**Pass**
Benzene	0.10	**98**	70 - 130	**Pass**
Toluene	0.10	**99**	70 - 130	**Pass**
Ethyl Benzene	0.10	**102**	70 - 130	**Pass**
m-, p-Xylene	0.20	**103**	70 - 130	**Pass**
o-Xylene	0.10	**100**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.095	0.096	**1%**	25%	**Pass**
Benzene	0.098	0.100	**2%**	25%	**Pass**
Toluene	0.099	0.100	**1%**	25%	**Pass**
Ethyl Benzene	0.102	0.103	**1%**	25%	**Pass**
m-, p-Xylene	0.206	0.208	**1%**	25%	**Pass**
o-Xylene	0.100	0.102	**1%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2470

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	**100**	70 - 130	**Pass**
Benzene	0.10	**98**	70 - 130	**Pass**
Toluene	0.10	**103**	70 - 130	**Pass**
Ethyl Benzene	0.10	**103**	70 - 130	**Pass**
m-, p-Xylene	0.20	**105**	70 - 130	**Pass**
o-Xylene	0.10	**101**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.100	0.098	**2%**	25%	**Pass**
Benzene	0.098	0.102	**4%**	25%	**Pass**
Toluene	0.103	0.103	**0%**	25%	**Pass**
Ethyl Benzene	0.103	0.107	**3%**	25%	**Pass**
m-, p-Xylene	0.210	0.213	**2%**	25%	**Pass**
o-Xylene	0.101	0.105	**3%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper

QC Sample Report - EPA 8020

Matrix: Soil
Batch #: 8020S2476

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
Methyl-tert-butyl ether	0.10	**96**	70 - 130	**Pass**
Benzene	0.10	**100**	70 - 130	**Pass**
Toluene	0.10	**101**	70 - 130	**Pass**
Ethyl Benzene	0.10	**104**	70 - 130	**Pass**
m-, p-Xylene	0.20	**106**	70 - 130	**Pass**
o-Xylene	0.10	**102**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: B5-55'

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
Methyl-tert-butyl ether	0.407	0.380	**7%**	25%	**Pass**
Benzene	0.069	0.068	**1%**	25%	**Pass**
Toluene	0.009	0.009	**2%**	25%	**Pass**
Ethyl Benzene	0.006	0.006	**5%**	25%	**Pass**
m-, p-Xylene	0.400	0.394	**2%**	25%	**Pass**
o-Xylene	0.153	0.154	**1%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper

EPA 8260 - Volatile Organics with Oxygenates

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Analyzed:	01/17/00
Matrix:	Soil	Batch Number:	8260S1979
Analyst:	GR		

	Sample ID:	Blank	B1-95'	B2-5'
Compounds	**DL**	mg/Kg	mg/Kg	mg/Kg
Acetone	0.05	ND	ND	ND
tert-Amyl Methyl Ether (TAME	0.005	ND	ND	ND
Benzene	0.001	ND	ND	ND
Bromobenzene	0.005	ND	ND	ND
Bromochloromethane	0.005	ND	ND	ND
Bromodichloromethane	0.001	ND	ND	ND
Bromoform	0.005	ND	ND	ND
Bromomethane	0.01	ND	ND	ND
tert-Butanol (TBA)	0.05	ND	ND	ND
2-Butanone (MEK)	0.01	ND	ND	ND
n-Butylbenzene	0.002	ND	ND	ND
sec-Butylbenzene	0.002	ND	ND	ND
tert-Butylbenzene	0.002	ND	ND	ND
Carbon disulfide	0.01	ND	ND	ND
Carbon tetrachloride	0.001	ND	ND	ND
Chlorobenzene	0.001	ND	ND	ND
Chloroethane	0.005	ND	ND	ND
Chloroform	0.002	ND	ND	ND
Chloromethane	0.001	ND	ND	ND
2-Chlorotoluene	0.002	ND	ND	ND
4-Chlorotoluene	0.002	ND	ND	ND
Dibromochloromethane	0.002	ND	ND	ND
1,2-Dibromoethane	0.002	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.01	ND	ND	ND
Dibromomethane	0.001	ND	ND	ND
1,2-Dichlorobenzene	0.001	ND	ND	ND
1,3-Dichlorobenzene	0.002	ND	ND	ND
1,4-Dichlorobenzene	0.002	ND	ND	ND
Dichlorodifluoromethane	0.005	ND	ND	ND
1,1-Dichloroethane	0.001	ND	ND	ND
1,2-Dichloroethane	0.001	ND	ND	ND
1,1-Dichloroethene	0.005	ND	ND	ND
cis-1,2-Dichloroethene	0.002	ND	ND	ND
trans-1,2-Dichloroethene	0.002	ND	ND	ND
1,2-Dichloropropane	0.001	ND	ND	ND
1,3-Dichloropropane	0.001	ND	ND	ND
2,2-Dichloropropane	0.001	ND	ND	ND
1,1-Dichloropropene	0.001	ND	ND	ND

Printed on Recycled Paper.

Centrum
(800) 798-9336

EPA 8260 - Volatile Organics with Oxygenates

Client:	GeoSec	Date Sampled:	01/05/00
Project:	McAnally	Date Received:	01/06/00
Job No.:	15836	Date Analyzed:	01/17/00
Matrix:	Soil	Batch Number:	8260S1979
Analyst:	GR		

	Sample ID:	Blank	B1-95'	B2-5'
Compounds	**DL**	mg/Kg	mg/Kg	mg/Kg
cis-1,3-Dichloropropene	0.001	ND	ND	ND
trans-1,3-Dichloropropene	0.001	ND	ND	ND
Diisopropyl Ether (DIPE)	0.005	ND	ND	ND
Ethylbenzene	0.001	ND	ND	ND
Ethyl tert-Butyl Ether (EtBE)	0.005	ND	ND	ND
Hexachlorobutadiene	0.001	ND	ND	ND
2-Hexanone	0.01	ND	ND	ND
Isopropylbenzene	0.001	ND	ND	ND
p-Isopropyltoluene	0.002	ND	ND	ND
Methylene chloride	0.05	ND	ND	ND
4-Methyl-2-pentanone	0.01	ND	ND	ND
Methyl tert-Butyl Ether (MtBE)	0.005	ND	ND	ND
Napthalene	0.002	ND	ND	ND
n-Propylbenzene	0.001	ND	ND	ND
Styrene	0.001	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.001	ND	ND	ND
1,1,2,2-Tetrachloroethane	0.002	ND	ND	ND
Tetrachloroethene	0.001	ND	ND	ND
Toluene	0.001	ND	ND	ND
1,2,3-Trichlorobenzene	0.002	ND	ND	ND
1,2,4-Trichlorobenzene	0.002	ND	ND	ND
1,1,1-Trichloroethane	0.001	ND	ND	ND
1,1,2-Trichloroethane	0.003	ND	ND	ND
Trichloroethene	0.001	ND	ND	ND
1,2,3-Trichloropropane	0.003	ND	ND	ND
Trichlorofluoromethane	0.001	ND	ND	ND
Trichlorotrifluoroethane	0.005	ND	ND	ND
1,2,4-Trimethylbenzene	0.001	ND	ND	ND
1,3,5-Trimethylbenzene	0.001	ND	ND	ND
Vinyl chloride	0.002	ND	ND	ND
Xylenes (total)	0.003	ND	ND	ND

Surrogates (% recovery) Limits: 80 - 130

Sample ID:	Blank	B1-95'	B2-5'
Dibromofluoromethane	104	104	104
Toluene-d8	98	99	99
Bromofluorobenzene	104	106	104

Printed on Recycled Paper

QC Sample Report - EPA Method 8260

Matrix: Soil
Batch #: 8260S1979

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Analyte	Spike Concentration mg/Kg	% Recovery LCS	Acceptance Limits % Recovery	Pass/Fail
1,1-Dichloroethene	0.020	**101**	59 - 172	**Pass**
Benzene	0.020	**93**	66 - 142	**Pass**
Trichloroethene	0.020	**101**	71 - 137	**Pass**
Toluene	0.020	**93**	59 - 139	**Pass**
Chlorobenzene	0.020	**96**	60 - 133	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Analyte	Spike Sample Recovery mg/Kg	Spike Duplicate Recovery mg/Kg	Relative Percent Difference (RPD)	Upper Control Limit RPD	Pass/Fail
1,1-Dichloroethene	0.0202	0.0208	**3%**	22%	**Pass**
Benzene	0.0187	0.0209	**11%**	21%	**Pass**
Trichloroethene	0.0201	0.0204	**1%**	24%	**Pass**
Toluene	0.0188	0.0204	**8%**	21%	**Pass**
Chlorobenzene	0.0192	0.0203	**5%**	21%	**Pass**

Analytical Notes:

MS: Matrix Spike Sample
MSD: Matrix Spike Duplicate

Printed on Recycled Paper.

RECEIVED

MAR 06 2000

County of Riverside
Health Services Agency
Department of Environmental Health
Hazardous Materials Management Divi

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

October 18, 1999 Site # 9915151

DAN BROWN
McANALLY ENTERPRISES, INC.
PO BOX 1129
YUCAIPA CA 92399

RE: Underground Storage Tank Cleanup at McANALLY Enterprises located at 23480 Rider Street in Perris.

Dear Mr. Brown:

The Hazardous Materials Management Division has received and reviewed the report for the subsurface investigation performed at the above referenced site (GEO-SEC, Inc., dated August 12, 1999). The investigation included one soil boring drilled to 60 feet below grade. Unfortunately, contamination was still present near the bottom of the boring and the required 30-foot clean zone was not achieved. Additional assessment will be necessary to delineate the vertical and lateral extent of contamination.

GEO-SEC's plans for drilling an additional four (4) borings to laterally delineate contamination have been accepted, however, an additional boring shall also be drilled adjacent to boring B-1 to a minimum depth of 80 feet below grade **and** 30 feet below deepest contamination. Laboratory analyses of six consecutive samples with non-detectable concentrations in the bottom of the boring will be necessary to verify that the extent of contamination has been determined.

Soil and groundwater (if groundwater is encountered) samples shall be analyzed using EPA Method 8020 for BTXE and MTBE as well as EPA Method 8015 modified for diesel. The laboratory detection limits shall not exceed the values shown on the enclosed table. All samples which have detectable concentrations of contaminants using EPA method 8020 shall also be analyzed for volatile organic compounds using EPA method 8260 (full scan including MTBE and other oxygenates).

Our office shall be notified immediately of all changes including, but not limited to any additional borings/wells not specified in this workplan. If proposed field activities do not delineate contamination and additional field activities would like to be initiated during this investigation, please contact me as soon as possible.

All materials generated as a result of field activities at this site must be labeled, secured from public access, and containerized or completely covered, lined, and bermed to prevent discharge to the environment. The contents of all drums and/or other containers stored on-site associated with this cleanup shall be clearly marked by placing "**SOIL**" or "**NON-POTABLE WATER**" in large letters on the exterior of the container in public view. All generated materials must be removed off-site within ninety (90) days from the date of generation for proper disposal, treatment, or recycling. Failure to properly manage the materials as stated above is a violation of Riverside County Ordinance 617.4. Please make sure these materials are handled accordingly.

47-923 Oasis Road, #E4
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2200

Department Web Site - www.rivcoeh.org

Please schedule with myself or Sandy Bunchek a minimum of five working days prior to anticipated commencement of field activities. Field work should be completed within 30 days of the date of this letter and a report of findings shall be submitted to this office within 60 days from commencement of field activities.

If you have any questions or would like to schedule field activities, please call me at (909) 358-5055.

Sincerely,

Sharon Boltinghouse
Hazardous Materials Specialist

cc: Ken Williams, RWQCB
Donald Chance, GEO-SEC, Inc.

SCB
10-15,18-99
1 boring to 60 ft bgs
< 30 ft clean zone
4 add'l borings proposed to 65'
- 8260 any hits
- Add'l borings in source area to delin. vert.

A Geological Systems
Evaluation Company

August 12, 1999

County of Riverside
Health Services Agency
4065 County Circle Drive, Room 123
Riverside California 92503
TEL: (909) 358-5055/FAX: (909) 358-5017

ATTN: Sharon Boltinghouse, Hazardous Materials Specialist

RE: *Mc Anally Enterprises, 23480 Rider Street, Perris, California 92570-8868*

On June 25, 1998, two underground storage tanks were removed from the subject site. Samples were collected from beneath the former tank and dispenser island areas. Subsequent laboratory analysis indicated excessive concentrations of diesel fuel in the dispenser area.

On July 23, 1999, GEO-SEC, Inc. conducted a subsurface investigation to evaluate the extent of soil and/or ground water impacted by an unauthorized release of a hazardous substance from the underground storage tank and/or dispensers located at the above referenced site (*Figure 1, Site Map*).

Soil Investigation: One (1) boring, HB1, was drilled over the top of former sample point "6/25/98-5-Dispenser" utilizing a hollow stem auger drill with continuous flight augers and a modified California Split Tube Sampler fitted with tube inserts driven ahead of the auger cutterhead with a 140 lb. drop hammer.

1 boring to 60 ft bgs

Initially the boring was drilled to twenty (20) ft. below land surface (*Figure 2, Boring Locations*). Evidence of contamination was detected at concentrations greater than or equal to 10 PPM during field monitoring. The boring was deepened to twenty ft. below the base of suspected contamination and terminated at sixty (60) ft. below land surface.

Soil samples were obtained at three (3) ft. intervals to twenty one (21) ft. below land surface. In the interest of economics, the remaining soil samples were collected at five (5) ft. depth intervals beginning at twenty five (25) ft. below land surface.

All drilling and sampling equipment were thoroughly cleaned with an approved solution and rinsed in clean water between each sample drive. After retrieval of the sampler, the ends of the sample tube was covered with Teflon tape and sealed with plastic end-caps, labeled, and placed in a Ziploc bag in a properly chilled container. Soil from the adjacent sample tube was monitored in a closed container for headspace organic vapor content using a Photoionization Detector (PID).

A boring log containing lithologic descriptions, appropriate U.S.C.S. designations, OVA readings, and hammer-blow counts was compiled (*Figure 3, Boring Log*). The boring was back-filled and compacted with native soil (drill cuttings).

The chilled soil samples were submitted to a California DHS certified laboratory with chain of custody documentation for analysis utilizing EPA 8015 (Diesel), EPA 8020 (BTEX/MTBE) with confirmation of MTBE by EPA 8260 (MTBE with other oxygenates).

Laboratory analysis indicated the presence of TPH compounds expressed as diesel fuel, gasoline, and related compounds in the dispenser area to depths of forty-five (45) ft. below land surface. The concentration of diesel fuel ranged from 2,900 to 20,000 ppm and gasoline ranged from 10 to 810 PPM (*Figure 4, Summary of Analytical Results in mg/Kg and Appendix, Laboratory Data*).

All indications of contamination had either declined drastically or were ND (not detectable at or above the reporting limit) in the samples obtained at depths below 45 ft.

Hydrogeology: Ground water at the subject site is estimated to be in excess of one hundred (100) ft. below land surface site. No ground water was encountered during field activities.

reference?

Conclusion: Significant petroleum hydrocarbon contamination extends to forty five (45) ft. below land surface in the former dispenser area. The capillary fringe was not penetrated at depths of sixty (60) ft. below land surface.

impact to 45' bgs

Further delineation is required before a remedial action plan can be proposed to mitigate the effects of any contamination encountered or stockpiled on-site.

Recommendations: Based on the information gained from the initial boring and the general site conditions a minimum of four (4) off set/step out borings are proposed a distance of twenty (20) ft. from the initial soil quality assessment boring, HB1, according to the following:

propose 4 "step out" borings

Scope of Work

Health and Safety Plan: Prepare a site specific health and safety plan. All on-site project personnel will read and sign the document.

The contractor will possess a current, valid California State Contractor License (A - General Engineering) with Hazardous Material Certification. The assigned Project Manager will be a California State Registered Geologist (RG) or Engineering Geologist (REG) with hydrogeology certification or a Professional Engineer (PE) who can demonstrate qualifications and/or previous experience in a similar project.

All drilling and/or well installation must be performed by a California State Licensed Contractor (C57 - Well Drilling).

All personnel engaged in on-site project activities (sub or prime) will be certified for forty (40) hours of training under OSHA 29 CFR 1910.120. All supervisory field staff will have completed an additional eight (8) hours of supervision training under OSHA 29 CFR, 1910.120.

The contractor will be required to provide documentation of current insurance coverage for General Liability with the client listed as Additionally Insured, Automotive/Equipment Liability, Errors and Omissions Liability, and Workman's Compensation.

Notification: Notify the Lead Regulatory Agency at least five (5) working days prior to initiating field activities.

Field Activities: A minimum of four (4) off set/step out borings will be drilled at a distance of twenty (20) ft. from the initial soil quality assessment boring, HB1. Each vertical boring will be drilled to a minimum of sixty five (65) ft. below land surface unless interface is encountered or soil conditions prevent further penetration.

propose: 4 borings to 65' bgs

Each boring will be drilled utilizing a hollow stem auger drill with continuous flight augers and a modified California Split Tube Sampler fitted with tube inserts driven ahead of the auger cutterhead with a 140 lb. drop hammer.

Soil samples will be obtained at five (5) ft. depth intervals and at the bottom of each boring beginning at five (5) feet below land surface. If contaminants are detected (≥10 PPM) during field monitoring, the boring will be deepened and sampled to thirty (30) ft. below the base of suspected contamination.

If no contamination is revealed, a "step-back' boring will be required ten (10) ft. from the initial soil quality assessment boring, HB1, and the current boring.

After retrieval of the sampler, the ends of the sample tube will be covered with Teflon tape and sealed with plastic end-caps, labeled, and placed in a Ziploc bag in a properly chilled container. Soil from the adjacent sample tube will be monitored in a closed container for headspace organic vapor content using a Photoionization Detector (PID). A trained sample technician/geologist, certified by a Registered California Geologist, will compile a boring log during the drilling. At least one (1) boring will be continuously cored and logged. The boring log will contain lithologic descriptions, appropriate U.S.C.S. designations, OVA readings, and hammer-blow counts. The boring log will be reviewed by the Registered Geologist before it is certified.

All down-hole equipment will be steamed cleaned prior to use. All sampling equipment will be thoroughly cleaned with an Alconox solution and double rinsed in deionized water prior to each use. Each boring will be back-filled and compacted with native soil (drill cuttings).

Soil Analysis: The chilled soil samples will be submitted to a California DHS certified laboratory with chain of custody documentation. The laboratory will be instructed to analyze the samples by EPA m8015 (Diesel) and EPA 8015/8020 (Gas/BTEX/MTBE).

8260 any hits

Ground Water Investigation: If ground water is encountered, monitoring wells will be permitted, installed, developed, purged and sampled in compliance with the state and local regulatory guidelines at a later date.

Technical Report: A technical report, certified by the supervising registered geologist will be compiled and submitted to the lead regulatory agency within ninety (90) days of the date of workplan approval.

The final report will describe all field activities, evaluate resultant data, contain appropriate conclusions and recommendations, including proposed remedial actions to mitigate the effects of any contamination encountered or stockpiled on-site and a schedule of completion.

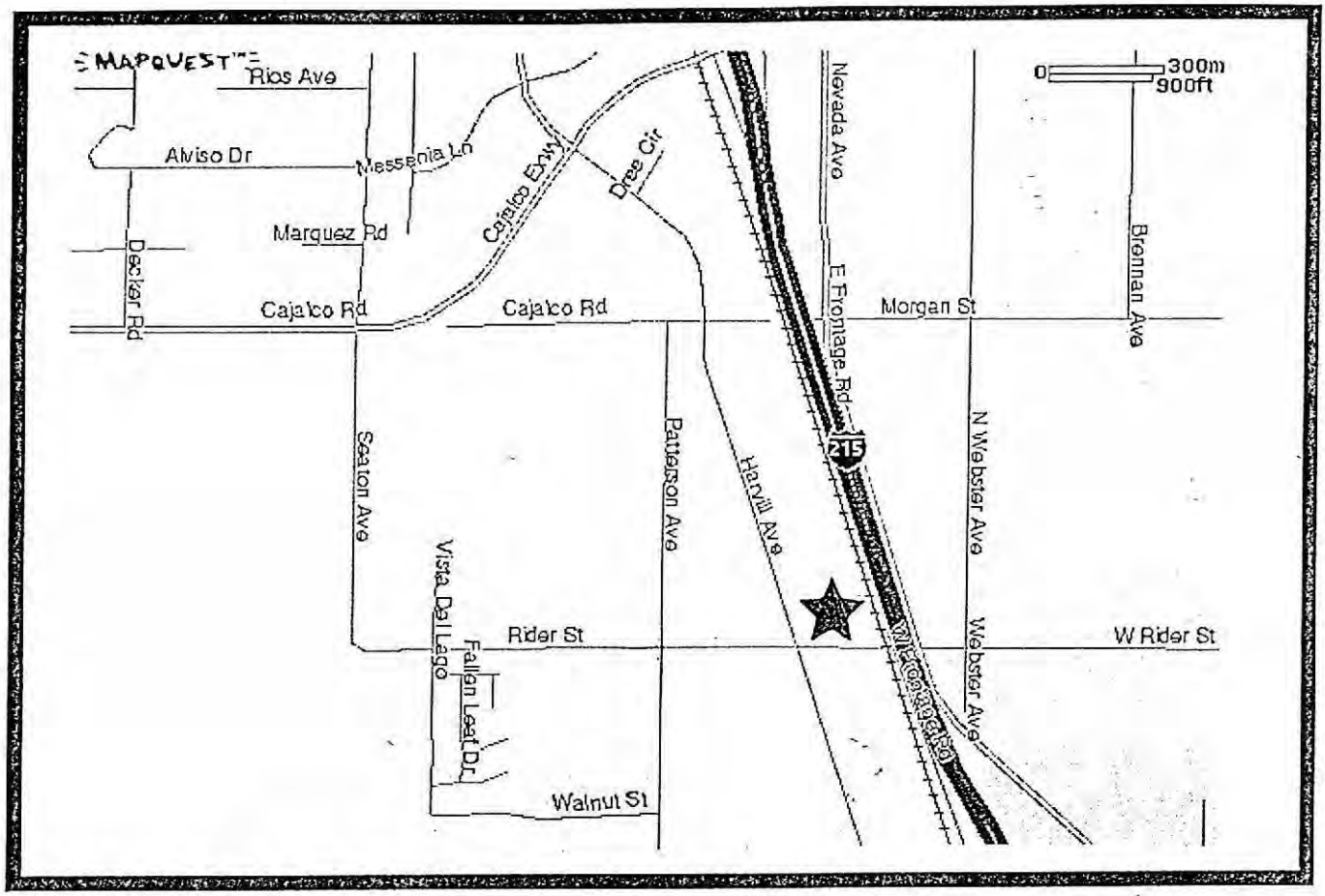
A copy of any report generated in this investigation shall be forwarded to Ken Williams, Santa Ana Regional Water Quality Control Board.

Should you have any questions regarding the above information please feel free to contact the undersigned at (909) 885-7072.

Donald R. Chance
Project Geologist
CA Reg Env Assessor No 203

Jerry D. Horne
California Registered Geologist, RG-547
CA Cert. Hydrogeologist, HG-218

cc: Dan Brown, Mc Anally Enterprises
Tony Mc Anally, Mc Anally Enterprises
Ken Williams, Santa Ana Regional Water Quality Control Board





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FIGURE 1

Site Map

23480 Rider Street
Perris, California 92570-8868

Corrected 5/19/99

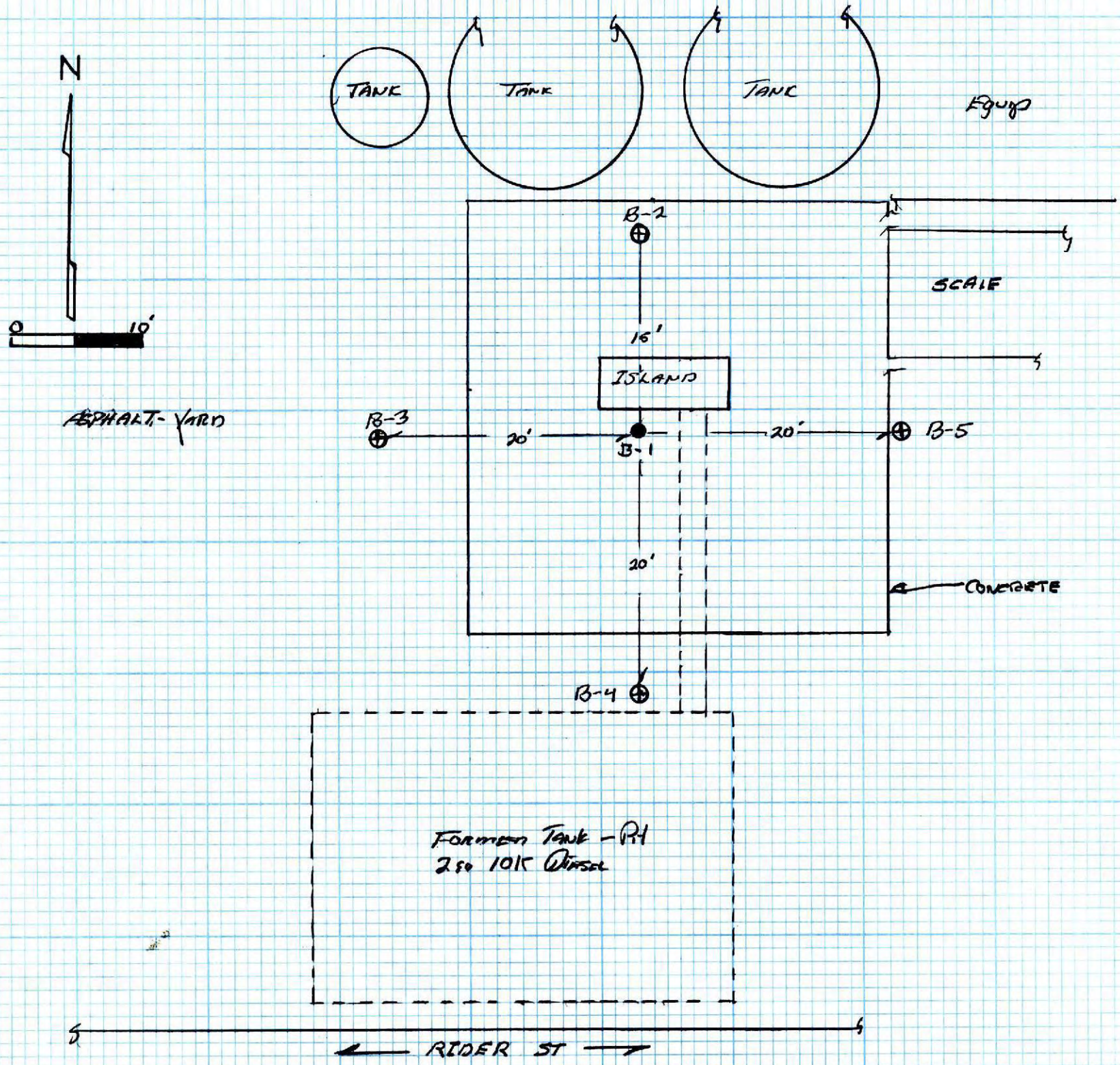


Figure 2, Boring Locations

Project: Macanally
Location: Perris, CA
Drilling Method: Hollow Stem Auger

SOIL BORING LOG

Boring: HB-1
Drilling Date: 7/23
Logged by: D.N.

Sample No.	Depth (ft.)	Graphic Log	Geotechnical Description and Classification	USCS Code	Blow Count	% Moisture	Consistency	HNU, ppm	Product Odor
	0								
		7:37	Med. brn., med, fine, coarse grained, silty sand	SM	5	0		0	sl
	5	7:44	Med. Brn., fine, very fine grained, clayey sand	SC	10	0		0	sl
		7:55	Yellowish Brn., very fine, fine, med. grained, clayey sand	SC	23	0		0	sl
	10	8:04	Dark yellowish brn., very fine, fine grained, slightly clayey sand	SC	42	0		0	st
	15	8:11	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	24	0		0	st
		8:20	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	63	0		0	st
	20	8:33	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	57	0		0	st
	25	8:55	Yellowish Brn., very fine, fine, med, & coarse grained, clayey sand	SC	63	0		0	st
	30	9:00	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	19	0		0	st
	35	9:06	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	19	0		0	sl
	40	9:13	Dark yellowish brn., very fine, fine grained, slightly clayey sand	SC	27	0		0	st
	45	9:31	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	28	0		0	0
	50	9:37	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	35	0		0	0
	55	9:48	Yellowish Brn., very fine, fine, med. grained sand	SW	19	0		0	0
	60	9:56	Yellowish Brn., very fine, fine, med, & coarse grained sand	SW	24	0		0	0

GEO-SEC, Inc.

Figure 3, Boring Log

Figure 4: Summary of Analytical Results in mg/Kg.

SAMPLE ID	EPA M8015		EPA 8260												
	TPH (gas)	TPH (diesel)	BENZENE	ETHYLBENZENE	ISOPROPYLBENZENE	P-ISOPROPYLTOLUENE	NAPHTHALENE	N-PROPYLBENZENE	TOLUENE	1,2,4-TRIMETHYLBENZENE	1,3,5-TRIMETHYLBENZENE	O-XYLENE	M,P-XYLENE	TOTAL XYLENES	MTBE
HB-1 (3')	10	12,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HB-1 (6')	360	18,000	ND	0.680	0.640	0.690	0.870	0.960	0.079	ND	ND	0.930	2.400	3.33	ND
HB-1 (9')	240	8,600	ND	0.290	0.230	0.310	0.870	0.400	ND	1.600	0.900	0.640	0.980	1.62	ND
HB-1 (12')	36	3,200	ND	0.160	0.110	0.160	0.560	0.190	ND	0.990	0.370	ND	0.560	0.560	ND
HB-1 (15')	440	6,300	ND	0.270	0.190	0.240	1.100	0.320	ND	1.600	0.640	ND	0.160	0.160	ND
HB-1 (17')	17	2,900	ND	0.120	0.092	0.140	0.700	0.170	ND	1.000	0.390	ND	0.520	0.520	ND
HB-1 (21')	41	4,000	ND	0.470	0.310	0.380	1.700	0.560	ND	2.700	1.100	0.300	1.900	2.200	ND
HB-1 (25')	22	9,500	ND	0.350	0.240	0.320	ND	0.430	0.230	0.580	0.750	0.610	1.100	1.710	ND
HB-1 (30')	46	14,000	ND	0.084	0.130	0.240	ND	0.240	0.054	0.420	0.520	0.200	0.270	0.470	ND
HB-1 (35')	11	11,000	ND	0.045	0.900	0.360	0.990	1.600	0.024	2.500	2.800	ND	0.230	0.230	ND
HB-1 (40')	810	20,000	ND	0.250	0.360	0.460	ND	0.430	0.150	0.290	0.790	0.290	0.290	0.580	ND
HB-1 (45')	21	8,100	ND	0.087	0.100	0.150	1.200	0.140	0.038	0.870	0.360	0.160	0.170	0.330	ND
HB-1 (50')	ND	90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HB-1 (55')	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HB-1 (60')	ND	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	N D	ND	ND	ND

Appendix

Laboratory Data

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (949) 261 1022 FAX (949) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (3')
Lab Number: CIG00955
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	4.0	N.D.	trans-1,3-Dichloropropene	4.0	N.D.
Bromobenzene	5.0	N.D.	Di-isopropyl ether	5.0	N.D.
Bromochloromethane	5.0	N.D.	Ethylbenzene	4.0	N.D.
Bromodichloromethane	4.0	N.D.	Ethyl tert-butyl ether	5.0	N.D.
Bromoform	5.0	N.D.	Hexachlorobutadiene	5.0	N.D.
Bromomethane	5.0	N.D.	Isopropylbenzene	4.0	N.D.
tert-Butanol	50	N.D.	p-Isopropyltoluene	4.0	N.D.
n-Butylbenzene	5.0	N.D.	Methylene chloride	20	N.D.
sec-Butylbenzene	5.0	N.D.	Methyl tert-butyl ether	5.0	N.D.
tert-Butylbenzene	5.0	N.D.	Naphthalene	5.0	N.D.
Carbon tetrachloride	5.0	N.D.	n-Propylbenzene	4.0	N.D.
Chlorobenzene	4.0	N.D.	Styrene	4.0	N.D.
Chloroethane	5.0	N.D.	Tert-amyl methyl ether	5.0	N.D.
Chloroform	4.0	N.D.	1,1,1,2-Tetrachloroethane	5.0	N.D.
Chloromethane	5.0	N.D.	1,1,2,2-Tetrachloroethane	4.0	N.D.
2-Chlorotoluene	5.0	N.D.	Tetrachloroethene	4.0	N.D.
4-Chlorotoluene	5.0	N.D.	Toluene	4.0	N.D.
Dibromochloromethane	4.0	N.D.	1,2,3-Trichlorobenzene	5.0	N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.	1,2,4-Trichlorobenzene	5.0	N.D.
1,2-Dibromoethane	4.0	N.D.	1,1,1-Trichloroethane	4.0	N.D.
Dibromomethane	4.0	N.D.	1,1,2-Trichloroethane	4.0	N.D.
1,2-Dichlorobenzene	4.0	N.D.	Trichloroethene	4.0	N.D.
1,3-Dichlorobenzene	4.0	N.D.	Trichlorofluoromethane	5.0	N.D.
1,4-Dichlorobenzene	4.0	N.D.	1,2,3-Trichloropropane	10	N.D.
Dichlorodifluoromethane	5.0	N.D.	1,2,4-Trimethylbenzene	4.0	N.D.
1,1-Dichloroethane	4.0	N.D.	1,3,5-Trimethylbenzene	4.0	N.D.
1,2-Dichloroethane	4.0	N.D.	Vinyl chloride	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.	o-Xylene	4.0	N.D.
cis-1,2-Dichloroethene	4.0	N.D.	m,p-Xylenes	4.0	N.D.
trans-1,2-Dichloroethene	4.0	N.D.			
1,2-Dichloropropane	4.0	N.D.			
1,3-Dichloropropane	4.0	N.D.			
2,2-Dichloropropane	4.0	N.D.			
1,1-Dichloropropene	4.0	N.D.			
cis-1,3-Dichloropropene	4.0	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	100%
Toluene-d8 (81-117)	93%
4-Bromofluorobenzene (74-121)	105%

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GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (6')
Lab Number: CIG00956
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**680**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**640**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**690**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	**Naphthalene**	**50**	**870**
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**960**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	**Toluene**	**40**	**79**
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	1,2,4-Trimethylbenzene	40	N.D.
1,1-Dichloroethane	40	N.D.	1,3,5-Trimethylbenzene	40	N.D.
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	**o-Xylene**	**40**	**930**
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**2,400**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	94%
Toluene-d8 (81-117)	96%
4-Bromofluorobenzene (74-121)	114%

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GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Sample Descript: Soil, HB-1 (9')	Extracted:	Aug 5, 1999
Attention: Dianna Mower	Lab Number: CIG00957	Analyzed:	Aug 5, 1999
	QC Batch: IH05061S	Reported:	Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**290**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**230**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**310**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	**Naphthalene**	**50**	**870**
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**400**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	Toluene	40	N.D.
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	**1,2,4-Trimethylbenzene**	**40**	**1600**
1,1-Dichloroethane	40	N.D.	**1,3,5-Trimethylbenzene**	**40**	**900**
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	**o-Xylene**	**40**	**640**
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**980**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	86%
Toluene-d8 (81-117)	99%
4-Bromofluorobenzene (74-121)	115%

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GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (12')
Lab Number: CIG00958
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**160**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**110**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**160**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	**Naphthalene**	**50**	**560**
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**190**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	Toluene	40	N.D.
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	**1,2,4-Trimethylbenzene**	**40**	**990**
1,1-Dichloroethane	40	N.D.	**1,3,5-Trimethylbenzene**	**40**	**370**
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	o-Xylene	40	N.D.
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**560**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	85%
Toluene-d8 (81-117)	101%
4-Bromofluorobenzene (74-121)	120%

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Sample Descript: Soil, HB-1 (15')	Extracted:	Aug 5, 1999
Attention: Dianna Mower	Lab Number: CIG00959	Analyzed:	Aug 5, 1999
	QC Batch: IH05061S	Reported:	Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**270**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**190**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**240**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	**Naphthalene**	**50**	**1,100**
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**320**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	Toluene	40	N.D.
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	**1,2,4-Trimethylbenzene**	**40**	**1,600**
1,1-Dichloroethane	40	N.D.	**1,3,5-Trimethylbenzene**	**40**	**640**
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	o-Xylene	40	N.D.
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**160**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	88%
Toluene-d8 (81-117)	98%
4-Bromofluorobenzene (74-121)	117%

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Sample Descript: Soil, HB-1 (21')	Extracted:	Aug 5, 1999
Attention: Dianna Mower	Lab Number: CIG00960	Analyzed:	Aug 5, 1999
	QC Batch: IH05061S	Reported:	Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	80	N.D.	trans-1,3-Dichloropropene	80	N.D.
Bromobenzene	100	N.D.	Di-isopropyl ether	100	N.D.
Bromochloromethane	100	N.D.	**Ethylbenzene**	**80**	**470**
Bromodichloromethane	80	N.D.	Ethyl tert-butyl ether	100	N.D.
Bromoform	100	N.D.	Hexachlorobutadiene	100	N.D.
Bromomethane	100	N.D.	**Isopropylbenzene**	**80**	**310**
tert-Butanol	1,000	N.D.	**p-Isopropyltoluene**	**80**	**380**
n-Butylbenzene	100	N.D.	Methylene chloride	400	N.D.
sec-Butylbenzene	100	N.D.	Methyl tert-butyl ether	100	N.D.
tert-Butylbenzene	100	N.D.	**Naphthalene**	**100**	**1,700**
Carbon tetrachloride	100	N.D.	**n-Propylbenzene**	**80**	**560**
Chlorobenzene	80	N.D.	Styrene	80	N.D.
Chloroethane	100	N.D.	Tert-amyl methyl ether	100	N.D.
Chloroform	80	N.D.	1,1,1,2-Tetrachloroethane	100	N.D.
Chloromethane	100	N.D.	1,1,2,2-Tetrachloroethane	80	N.D.
2-Chlorotoluene	100	N.D.	Tetrachloroethene	80	N.D.
4-Chlorotoluene	100	N.D.	Toluene	80	N.D.
Dibromochloromethane	80	N.D.	1,2,3-Trichlorobenzene	100	N.D.
1,2-Dibromo-3-chloropropane	100	N.D.	1,2,4-Trichlorobenzene	100	N.D.
1,2-Dibromoethane	80	N.D.	1,1,1-Trichloroethane	80	N.D.
Dibromomethane	80	N.D.	1,1,2-Trichloroethane	80	N.D.
1,2-Dichlorobenzene	80	N.D.	Trichloroethene	80	N.D.
1,3-Dichlorobenzene	80	N.D.	Trichlorofluoromethane	100	N.D.
1,4-Dichlorobenzene	80	N.D.	1,2,3-Trichloropropane	200	N.D.
Dichlorodifluoromethane	100	N.D.	**1,2,4-Trimethylbenzene**	**80**	**2,700**
1,1-Dichloroethane	80	N.D.	**1,3,5-Trimethylbenzene**	**80**	**1,100**
1,2-Dichloroethane	80	N.D.	Vinyl chloride	100	N.D.
1,1-Dichloroethene	100	N.D.	**o-Xylene**	**80**	**300**
cis-1,2-Dichloroethene	80	N.D.	**m,p-Xylenes**	**80**	**1,900**
trans-1,2-Dichloroethene	80	N.D.			
1,2-Dichloropropane	80	N.D.			
1,3-Dichloropropane	80	N.D.			
2,2-Dichloropropane	80	N.D.			
1,1-Dichloropropene	80	N.D.			
cis-1,3-Dichloropropene	80	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 20.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	85%
Toluene-d8 (81-117)	99%
4-Bromofluorobenzene (74-121)	120%

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GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (25')
Lab Number: CIG00961
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	80	N.D.	trans-1,3-Dichloropropene	80	N.D.
Bromobenzene	100	N.D.	Di-isopropyl ether	100	N.D.
Bromochloromethane	100	N.D.	**Ethylbenzene**	**80**	**350**
Bromodichloromethane	80	N.D.	Ethyl tert-butyl ether	100	N.D.
Bromoform	100	N.D.	Hexachlorobutadiene	100	N.D.
Bromomethane	100	N.D.	**Isopropylbenzene**	**80**	**240**
tert-Butanol	1,000	N.D.	**p-Isopropyltoluene**	**80**	**320**
n-Butylbenzene	100	N.D.	Methylene chloride	400	N.D.
sec-Butylbenzene	100	N.D.	Methyl tert-butyl ether	100	N.D.
tert-Butylbenzene	100	N.D.	Naphthalene	100	N.D.
Carbon tetrachloride	100	N.D.	**n-Propylbenzene**	**80**	**430**
Chlorobenzene	80	N.D.	Styrene	80	N.D.
Chloroethane	100	N.D.	Tert-amyl methyl ether	100	N.D.
Chloroform	80	N.D.	1,1,1,2-Tetrachloroethane	100	N.D.
Chloromethane	100	N.D.	1,1,2,2-Tetrachloroethane	80	N.D.
2-Chlorotoluene	100	N.D.	Tetrachloroethene	80	N.D.
4-Chlorotoluene	100	N.D.	**Toluene**	**80**	**230**
Dibromochloromethane	80	N.D.	1,2,3-Trichlorobenzene	100	N.D.
1,2-Dibromo-3-chloropropane	100	N.D.	1,2,4-Trichlorobenzene	100	N.D.
1,2-Dibromoethane	80	N.D.	1,1,1-Trichloroethane	80	N.D.
Dibromomethane	80	N.D.	1,1,2-Trichloroethane	80	N.D.
1,2-Dichlorobenzene	80	N.D.	Trichloroethene	80	N.D.
1,3-Dichlorobenzene	80	N.D.	Trichlorofluoromethane	100	N.D.
1,4-Dichlorobenzene	80	N.D.	1,2,3-Trichloropropane	200	N.D.
Dichlorodifluoromethane	100	N.D.	**1,2,4-Trimethylbenzene**	**80**	**580**
1,1-Dichloroethane	80	N.D.	**1,3,5-Trimethylbenzene**	**80**	**750**
1,2-Dichloroethane	80	N.D.	Vinyl chloride	100	N.D.
1,1-Dichloroethene	100	N.D.	**o-Xylene**	**80**	**610**
cis-1,2-Dichloroethene	80	N.D.	**m,p-Xylenes**	**80**	**1,100**
trans-1,2-Dichloroethene	80	N.D.			
1,2-Dichloropropane	80	N.D.			
1,3-Dichloropropane	80	N.D.			
2,2-Dichloropropane	80	N.D.			
1,1-Dichloropropene	80	N.D.			
cis-1,3-Dichloropropene	80	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 20.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	84%
Toluene-d8 (81-117)	98%
4-Bromofluorobenzene (74-121)	116%

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GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (30')
Lab Number: CIG00962
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**84**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**130**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**240**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	Naphthalene	50	N.D.
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**240**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	**Toluene**	**40**	**54**
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	**1,2,4-Trimethylbenzene**	**40**	**420**
1,1-Dichloroethane	40	N.D.	**1,3,5-Trimethylbenzene**	**40**	**520**
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	**o-Xylene**	**40**	**200**
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**270**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	87%
Toluene-d8 (81-117)	94%
4-Bromofluorobenzene (74-121)	113%

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GeoSec, Inc.	Client Project ID:	90741	Sampled: Jul 23, 1999
237 S. Waterman Ave.		McNally	Received: Jul 23, 1999
San Bernardino, CA 92408	Sample Descript:	Soil, HB-1 (35')	Extracted: Aug 5, 1999
Attention: Dianna Mower	Lab Number:	CIG00963	Analyzed: Aug 5, 1999
	QC Batch:	IH05061S	Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**45**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**900**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**360**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	**Naphthalene**	**50**	**990**
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**1,600**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	**Toluene**	**40**	**24**
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	**1,2,4-Trimethylbenzene**	**40**	**2,500**
1,1-Dichloroethane	40	N.D.	**1,3,5-Trimethylbenzene**	**40**	**2,800**
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	o-Xylene	40	N.D.
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**230**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	82%
Toluene-d8 (81-117)	89%
4-Bromofluorobenzene (74-121)	112%

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851

GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (40')
Lab Number: CIG00964
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	80	N.D.	trans-1,3-Dichloropropene	80	N.D.
Bromobenzene	100	N.D.	Di-isopropyl ether	100	N.D.
Bromochloromethane	100	N.D.	**Ethylbenzene**	**80**	**250**
Bromodichloromethane	80	N.D.	Ethyl tert-butyl ether	100	N.D.
Bromoform	100	N.D.	Hexachlorobutadiene	100	N.D.
Bromomethane	100	N.D.	**Isopropylbenzene**	**80**	**360**
tert-Butanol	1,000	N.D.	**p-Isopropyltoluene**	**80**	**460**
n-Butylbenzene	100	N.D.	Methylene chloride	400	N.D.
sec-Butylbenzene	100	N.D.	Methyl tert-butyl ether	100	N.D.
tert-Butylbenzene	100	N.D.	Naphthalene	100	N.D.
Carbon tetrachloride	100	N.D.	**n-Propylbenzene**	**80**	**430**
Chlorobenzene	80	N.D.	Styrene	80	N.D.
Chloroethane	100	N.D.	Tert-amyl methyl ether	100	N.D.
Chloroform	80	N.D.	1,1,1,2-Tetrachloroethane	100	N.D.
Chloromethane	100	N.D.	1,1,2,2-Tetrachloroethane	80	N.D.
2-Chlorotoluene	100	N.D.	Tetrachloroethene	80	N.D.
4-Chlorotoluene	100	N.D.	**Toluene**	**80**	**150**
Dibromochloromethane	80	N.D.	1,2,3-Trichlorobenzene	100	N.D.
1,2-Dibromo-3-chloropropane	100	N.D.	1,2,4-Trichlorobenzene	100	N.D.
1,2-Dibromoethane	80	N.D.	1,1,1-Trichloroethane	80	N.D.
Dibromomethane	80	N.D.	1,1,2-Trichloroethane	80	N.D.
1,2-Dichlorobenzene	80	N.D.	Trichloroethene	80	N.D.
1,3-Dichlorobenzene	80	N.D.	Trichlorofluoromethane	100	N.D.
1,4-Dichlorobenzene	80	N.D.	1,2,3-Trichloropropane	200	N.D.
Dichlorodifluoromethane	100	N.D.	**1,2,4-Trimethylbenzene**	**80**	**290**
1,1-Dichloroethane	80	N.D.	**1,3,5-Trimethylbenzene**	**80**	**790**
1,2-Dichloroethane	80	N.D.	Vinyl chloride	100	N.D.
1,1-Dichloroethene	100	N.D.	**o-Xylene**	**80**	**290**
cis-1,2-Dichloroethene	80	N.D.	**m,p-Xylenes**	**80**	**290**
trans-1,2-Dichloroethene	80	N.D.			
1,2-Dichloropropane	80	N.D.			
1,3-Dichloropropane	80	N.D.			
2,2-Dichloropropane	80	N.D.			
1,1-Dichloropropene	80	N.D.			
cis-1,3-Dichloropropene	80	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 20.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	88%
Toluene-d8 (81-117)	92%
4-Bromofluorobenzene (74-121)	108%

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GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (45')
Lab Number: CIG00965
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**87**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**100**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**150**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	**Naphthalene**	**50**	**1,200**
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**140**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	**Toluene**	**40**	**38**
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	**1,2,4-Trimethylbenzene**	**40**	**870**
1,1-Dichloroethane	40	N.D.	**1,3,5-Trimethylbenzene**	**40**	**360**
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	**o-Xylene**	**40**	**160**
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**170**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	89%
Toluene-d8 (81-117)	90%
4-Bromofluorobenzene (74-121)	113%

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Sample Descript: Soil, HB-1 (50')	Extracted:	Aug 5, 1999
Attention: Dianna Mower	Lab Number: CIG00966	Analyzed:	Aug 5, 1999
	QC Batch: IH05061S	Reported:	Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	4.0	N.D.	trans-1,3-Dichloropropene	4.0	N.D.
Bromobenzene	5.0	N.D.	Di-isopropyl ether	5.0	N.D.
Bromochloromethane	5.0	N.D.	Ethylbenzene	4.0	N.D.
Bromodichloromethane	4.0	N.D.	Ethyl tert-butyl ether	5.0	N.D.
Bromoform	5.0	N.D.	Hexachlorobutadiene	5.0	N.D.
Bromomethane	5.0	N.D.	Isopropylbenzene	4.0	N.D.
tert-Butanol	50	N.D.	p-Isopropyltoluene	4.0	N.D.
n-Butylbenzene	5.0	N.D.	Methylene chloride	20	N.D.
sec-Butylbenzene	5.0	N.D.	Methyl tert-butyl ether	5.0	N.D.
tert-Butylbenzene	5.0	N.D.	Naphthalene	5.0	N.D.
Carbon tetrachloride	5.0	N.D.	n-Propylbenzene	4.0	N.D.
Chlorobenzene	4.0	N.D.	Styrene	4.0	N.D.
Chloroethane	5.0	N.D.	Tert-amyl methyl ether	5.0	N.D.
Chloroform	4.0	N.D.	1,1,1,2-Tetrachloroethane	5.0	N.D.
Chloromethane	5.0	N.D.	1,1,2,2-Tetrachloroethane	4.0	N.D.
2-Chlorotoluene	5.0	N.D.	Tetrachloroethene	4.0	N.D.
4-Chlorotoluene	5.0	N.D.	Toluene	4.0	N.D.
Dibromochloromethane	4.0	N.D.	1,2,3-Trichlorobenzene	5.0	N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.	1,2,4-Trichlorobenzene	5.0	N.D.
1,2-Dibromoethane	4.0	N.D.	1,1,1-Trichloroethane	4.0	N.D.
Dibromomethane	4.0	N.D.	1,1,2-Trichloroethane	4.0	N.D.
1,2-Dichlorobenzene	4.0	N.D.	Trichloroethene	4.0	N.D.
1,3-Dichlorobenzene	4.0	N.D.	Trichlorofluoromethane	5.0	N.D.
1,4-Dichlorobenzene	4.0	N.D.	1,2,3-Trichloropropane	10	N.D.
Dichlorodifluoromethane	5.0	N.D.	1,2,4-Trimethylbenzene	4.0	N.D.
1,1-Dichloroethane	4.0	N.D.	1,3,5-Trimethylbenzene	4.0	N.D.
1,2-Dichloroethane	4.0	N.D.	Vinyl chloride	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.	o-Xylene	4.0	N.D.
cis-1,2-Dichloroethene	4.0	N.D.	m,p-Xylenes	4.0	N.D.
trans-1,2-Dichloroethene	4.0	N.D.			
1,2-Dichloropropane	4.0	N.D.			
1,3-Dichloropropane	4.0	N.D.			
2,2-Dichloropropane	4.0	N.D.			
1,1-Dichloropropene	4.0	N.D.			
cis-1,3-Dichloropropene	4.0	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	83%
Toluene-d8 (81-117)	98%
4-Bromofluorobenzene (74-121)	120%

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GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (55')
Lab Number: CIG00967
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	4.0	N.D.	trans-1,3-Dichloropropene	4.0	N.D.
Bromobenzene	5.0	N.D.	Di-isopropyl ether	5.0	N.D.
Bromochloromethane	5.0	N.D.	Ethylbenzene	4.0	N.D.
Bromodichloromethane	4.0	N.D.	Ethyl tert-butyl ether	5.0	N.D.
Bromoform	5.0	N.D.	Hexachlorobutadiene	5.0	N.D.
Bromomethane	5.0	N.D.	Isopropylbenzene	4.0	N.D.
tert-Butanol	50	N.D.	p-Isopropyltoluene	4.0	N.D.
n-Butylbenzene	5.0	N.D.	Methylene chloride	20	N.D.
sec-Butylbenzene	5.0	N.D.	Methyl tert-butyl ether	5.0	N.D.
tert-Butylbenzene	5.0	N.D.	Naphthalene	5.0	N.D.
Carbon tetrachloride	5.0	N.D.	n-Propylbenzene	4.0	N.D.
Chlorobenzene	4.0	N.D.	Styrene	4.0	N.D.
Chloroethane	5.0	N.D.	Tert-amyl methyl ether	5.0	N.D.
Chloroform	4.0	N.D.	1,1,1,2-Tetrachloroethane	5.0	N.D.
Chloromethane	5.0	N.D.	1,1,2,2-Tetrachloroethane	4.0	N.D.
2-Chlorotoluene	5.0	N.D.	Tetrachloroethene	4.0	N.D.
4-Chlorotoluene	5.0	N.D.	Toluene	4.0	N.D.
Dibromochloromethane	4.0	N.D.	1,2,3-Trichlorobenzene	5.0	N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.	1,2,4-Trichlorobenzene	5.0	N.D.
1,2-Dibromoethane	4.0	N.D.	1,1,1-Trichloroethane	4.0	N.D.
Dibromomethane	4.0	N.D.	1,1,2-Trichloroethane	4.0	N.D.
1,2-Dichlorobenzene	4.0	N.D.	Trichloroethene	4.0	N.D.
1,3-Dichlorobenzene	4.0	N.D.	Trichlorofluoromethane	5.0	N.D.
1,4-Dichlorobenzene	4.0	N.D.	1,2,3-Trichloropropane	10	N.D.
Dichlorodifluoromethane	5.0	N.D.	1,2,4-Trimethylbenzene	4.0	N.D.
1,1-Dichloroethane	4.0	N.D.	1,3,5-Trimethylbenzene	4.0	N.D.
1,2-Dichloroethane	4.0	N.D.	Vinyl chloride	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.	o-Xylene	4.0	N.D.
cis-1,2-Dichloroethene	4.0	N.D.	m,p-Xylenes	4.0	N.D.
trans-1,2-Dichloroethene	4.0	N.D.			
1,2-Dichloropropane	4.0	N.D.			
1,3-Dichloropropane	4.0	N.D.			
2,2-Dichloropropane	4.0	N.D.			
1,1-Dichloropropene	4.0	N.D.			
cis-1,3-Dichloropropene	4.0	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	85%
Toluene-d8 (81-117)	96%
4-Bromofluorobenzene (74-121)	118%

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Sample Descript: Soil, HB-1 (60')	Extracted:	Aug 5, 1999
Attention: Dianna Mower	Lab Number: CIG00968	Analyzed:	Aug 5, 1999
	QC Batch: IH05061S	Reported:	Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	4.0	N.D.	trans-1,3-Dichloropropene	4.0	N.D.
Bromobenzene	5.0	N.D.	Di-isopropyl ether	5.0	N.D.
Bromochloromethane	5.0	N.D.	Ethylbenzene	4.0	N.D.
Bromodichloromethane	4.0	N.D.	Ethyl tert-butyl ether	5.0	N.D.
Bromoform	5.0	N.D.	Hexachlorobutadiene	5.0	N.D.
Bromomethane	5.0	N.D.	Isopropylbenzene	4.0	N.D.
tert-Butanol	50	N.D.	p-Isopropyltoluene	4.0	N.D.
n-Butylbenzene	5.0	N.D.	Methylene chloride	20	N.D.
sec-Butylbenzene	5.0	N.D.	Methyl tert-butyl ether	5.0	N.D.
tert-Butylbenzene	5.0	N.D.	Naphthalene	5.0	N.D.
Carbon tetrachloride	5.0	N.D.	n-Propylbenzene	4.0	N.D.
Chlorobenzene	4.0	N.D.	Styrene	4.0	N.D.
Chloroethane	5.0	N.D.	Tert-amyl methyl ether	5.0	N.D.
Chloroform	4.0	N.D.	1,1,1,2-Tetrachloroethane	5.0	N.D.
Chloromethane	5.0	N.D.	1,1,2,2-Tetrachloroethane	4.0	N.D.
2-Chlorotoluene	5.0	N.D.	Tetrachloroethene	4.0	N.D.
4-Chlorotoluene	5.0	N.D.	Toluene	4.0	N.D.
Dibromochloromethane	4.0	N.D.	1,2,3-Trichlorobenzene	5.0	N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.	1,2,4-Trichlorobenzene	5.0	N.D.
1,2-Dibromoethane	4.0	N.D.	1,1,1-Trichloroethane	4.0	N.D.
Dibromomethane	4.0	N.D.	1,1,2-Trichloroethane	4.0	N.D.
1,2-Dichlorobenzene	4.0	N.D.	Trichloroethene	4.0	N.D.
1,3-Dichlorobenzene	4.0	N.D.	Trichlorofluoromethane	5.0	N.D.
1,4-Dichlorobenzene	4.0	N.D.	1,2,3-Trichloropropane	10	N.D.
Dichlorodifluoromethane	5.0	N.D.	1,2,4-Trimethylbenzene	4.0	N.D.
1,1-Dichloroethane	4.0	N.D.	1,3,5-Trimethylbenzene	4.0	N.D.
1,2-Dichloroethane	4.0	N.D.	Vinyl chloride	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.	o-Xylene	4.0	N.D.
cis-1,2-Dichloroethene	4.0	N.D.	m,p-Xylenes	4.0	N.D.
trans-1,2-Dichloroethene	4.0	N.D.			
1,2-Dichloropropane	4.0	N.D.			
1,3-Dichloropropane	4.0	N.D.			
2,2-Dichloropropane	4.0	N.D.			
1,1-Dichloropropene	4.0	N.D.			
cis-1,3-Dichloropropene	4.0	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	85%
Toluene-d8 (81-117)	99%
4-Bromofluorobenzene (74-121)	120%

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GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: 90741
McNally
Sample Descript: Soil, HB-1 (17')
Lab Number: CIG00969
QC Batch: IH05061S

Sampled: Jul 23, 1999
Received: Jul 23, 1999
Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	40	N.D.	trans-1,3-Dichloropropene	40	N.D.
Bromobenzene	50	N.D.	Di-isopropyl ether	50	N.D.
Bromochloromethane	50	N.D.	**Ethylbenzene**	**40**	**120**
Bromodichloromethane	40	N.D.	Ethyl tert-butyl ether	50	N.D.
Bromoform	50	N.D.	Hexachlorobutadiene	50	N.D.
Bromomethane	50	N.D.	**Isopropylbenzene**	**40**	**92**
tert-Butanol	500	N.D.	**p-Isopropyltoluene**	**40**	**140**
n-Butylbenzene	50	N.D.	Methylene chloride	200	N.D.
sec-Butylbenzene	50	N.D.	Methyl tert-butyl ether	50	N.D.
tert-Butylbenzene	50	N.D.	**Naphthalene**	**50**	**700**
Carbon tetrachloride	50	N.D.	**n-Propylbenzene**	**40**	**170**
Chlorobenzene	40	N.D.	Styrene	40	N.D.
Chloroethane	50	N.D.	Tert-amyl methyl ether	50	N.D.
Chloroform	40	N.D.	1,1,1,2-Tetrachloroethane	50	N.D.
Chloromethane	50	N.D.	1,1,2,2-Tetrachloroethane	40	N.D.
2-Chlorotoluene	50	N.D.	Tetrachloroethene	40	N.D.
4-Chlorotoluene	50	N.D.	Toluene	40	N.D.
Dibromochloromethane	40	N.D.	1,2,3-Trichlorobenzene	50	N.D.
1,2-Dibromo-3-chloropropane	50	N.D.	1,2,4-Trichlorobenzene	50	N.D.
1,2-Dibromoethane	40	N.D.	1,1,1-Trichloroethane	40	N.D.
Dibromomethane	40	N.D.	1,1,2-Trichloroethane	40	N.D.
1,2-Dichlorobenzene	40	N.D.	Trichloroethene	40	N.D.
1,3-Dichlorobenzene	40	N.D.	Trichlorofluoromethane	50	N.D.
1,4-Dichlorobenzene	40	N.D.	1,2,3-Trichloropropane	100	N.D.
Dichlorodifluoromethane	50	N.D.	**1,2,4-Trimethylbenzene**	**40**	**1,000**
1,1-Dichloroethane	40	N.D.	**1,3,5-Trimethylbenzene**	**40**	**390**
1,2-Dichloroethane	40	N.D.	Vinyl chloride	50	N.D.
1,1-Dichloroethene	50	N.D.	o-Xylene	40	N.D.
cis-1,2-Dichloroethene	40	N.D.	**m,p-Xylenes**	**40**	**520**
trans-1,2-Dichloroethene	40	N.D.			
1,2-Dichloropropane	40	N.D.			
1,3-Dichloropropane	40	N.D.			
2,2-Dichloropropane	40	N.D.			
1,1-Dichloropropene	40	N.D.			
cis-1,3-Dichloropropene	40	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit. Due to matrix effects and/or other factors, the sample required dilution. Reporting limits for this sample have been raised by a factor of 10.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	88%
Toluene-d8 (81-117)	94%
4-Bromofluorobenzene (74-121)	85%

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Analysis Method: EPA 5030/CA DHS Mod. 8015/8021	Extracted:	Jul 27-29, 1999
Attention: Dianna Mower	First Sample #: CIG00955	Analyzed:	Jul 27-29, 1999
	QC Batch: IG27G51S,IG27G52S,IG28G51S,IG29G11S	Reported:	Aug 6, 1999

VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015/8021)

Laboratory Number	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
CIG00955	**HB-1 (3')**	**10**	**N.D.**	**N.D.**	**0.0070**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
CIG00956	**HB-1 (6')**	**360**	**N.D.**	**N.D.**	**1.8**	**8.9**
Dilution: 40	Reporting Limit:	40	0.20	0.20	0.20	0.60
CIG00957	**HB-1 (9')**	**240**	**N.D.**	**N.D.**	**1.8**	**9.9**
Dilution: 40	Reporting Limit:	40	0.20	0.20	0.20	0.60
CIG00958	**HB-1 (12')**	**36**	**N.D.**	**N.D.**	**0.20**	**0.89**
Dilution: 4	Reporting Limit:	4.0	0.020	0.020	0.020	0.060
CIG00959	**HB-1 (15')**	**440**	**N.D.**	**N.D.**	**1.3**	**5.9**
Dilution: 40	Reporting Limit:	40	0.20	0.20	0.20	0.60
CIG00960	**HB-1 (21')**	**41**	**N.D.**	**N.D.**	**0.31**	**1.4**
Dilution: 4	Reporting Limit:	4.0	0.020	0.020	0.020	0.060

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Analysis Method: EPA 5030/CA DHS Mod. 8015/8021	Extracted:	Jul 27-29, 1999
Attention: Dianna Mower	First Sample #: CIG00961	Analyzed:	Jul 27-29, 1999
	QC Batch: IG27G52S,IG28G52S,IG27G51S,IG29G11S	Reported:	Aug 6, 1999

VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015/8021)

Laboratory Number	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
CIG00961	**HB-1 (25')**	**22**	**0.020**	**0.28**	**0.23**	**1.1**
Dilution: 2	Reporting Limit:	2.0	0.010	0.010	0.010	0.030
CIG00962	**HB-1 (30')**	**46**	**N.D.**	**0.17**	**0.35**	**1.4**
Dilution: 4	Reporting Limit:	4.0	0.020	0.020	0.020	0.060
CIG00963	**HB-1 (35')**	**11**	**N.D.**	**0.016**	**0.067**	**0.20**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
CIG00964	**HB-1 (40')**	**810**	**N.D.**	**0.45**	**1.0**	**4.5**
Dilution: 80	Reporting Limit:	80	0.40	0.40	0.40	1.2
CIG00965	**HB-1 (45')**	**21**	**N.D.**	**0.060**	**0.14**	**0.44**
Dilution: 2	Reporting Limit:	2.0	0.010	0.010	0.010	0.030
CIG00966	**HB-1 (50')**	**N.D.**	**N.D.**	**N.D.**	**N.D.**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Analysis Method: EPA 5030/CA DHS Mod. 8015/8021	Extracted:	Jul 27-28, 1999
Attention: Dianna Mower	First Sample #: CIG00967	Analyzed:	Jul 27-28, 1999
	QC Batch: IG27G51S,IG27G52S,IG28G52S	Reported:	Aug 6, 1999

VOLATILE FUEL HYDROCARBONS/BTEX DISTINCTION (CA DHS Mod. EPA 8015/8021)

Laboratory Number	Sample Description Soil	Volatile Fuel Hydrocarbons mg/Kg (ppm)	Benzene mg/Kg (ppm)	Toluene mg/Kg (ppm)	Ethyl Benzene mg/Kg (ppm)	Total Xylenes mg/Kg (ppm)
CIG00967	**HB-1 (55')**	**N.D.**	**N.D.**	**N.D.**	**N.D.**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
CIG00968	**HB-1 (60')**	**N.D.**	**N.D.**	**N.D.**	**N.D.**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
CIG00969	**HB-1 (17')**	**17**	**N.D.**	**N.D.**	**0.22**	**0.91**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
Method Blank	**IG27G52S**	**N.D.**	**N.D.**	**N.D.**	**N.D.**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
Method Blank	**IG28G52S**	**N.D.**	**N.D.**	**N.D.**	**N.D.**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
Method Blank	**IG27G51S**	**N.D.**	**N.D.**	**N.D.**	**N.D.**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015
Method Blank	**IG29G11S**	**N.D.**	**N.D.**	**N.D.**	**N.D.**	**N.D.**
Dilution: 1	Reporting Limit:	1.0	0.0050	0.0050	0.0050	0.015

Volatile Fuel Hydrocarbons are quantitated against a gasoline standard. Hydrocarbons detected by this method range from C6 to C12. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Analysis Method: EPA 3510/CA DHS Mod. 8015	Extracted:	Jul 27, 1999
Attention: Dianna Mower	First Sample #: CIG00955	Analyzed:	Jul 27-28, 1999
	QC Batch: IG27DE1S	Reported:	Aug 6, 1999

EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbo Type	Surrogate Recovery %
CIG00955	HB-1 (3')	12,000	500	50	C9-C27	Matrix Interference
CIG00956	HB-1 (6')	18,000	500	50	C9-C27	Matrix Interference
CIG00957	HB-1 (9')	8,600	500	50	C9-C27	Matrix Interference
CIG00958	HB-1 (12')	3,200	500	50	C9-C27	127%
CIG00959	HB-1 (15')	6,300	500	50	C9-C27	144%
CIG00960	HB-1 (21')	4,000	500	50	C9-C27	126%
CIG00961	HB-1 (25')	9,500	500	50	C9-C27	Matrix Interference
CIG00962	HB-1 (30')	14,000	500	50	C9-C27	Matrix Interference
CIG00963	HB-1 (35')	11,000	500	50	C9-C27	Matrix Interference
CIG00964	HB-1 (40')	20,000	500	50	C9-C27	Matrix Interference

Surrogate Recovery Acceptance Limits: Octacosane (45-150)

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

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GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Analysis Method: EPA 3510/CA DHS Mod. 8015	Extracted:	Jul 27, 1999
Attention: Dianna Mower	First Sample #: CIG00965	Analyzed:	Jul 27-28, 1999
	QC Batch: IG27DE1S	Reported:	Aug 6, 1999

EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type	Surrogate Recovery %
CIG00965	HB-1 (45')	8,100	500	50	C9-C27	Matrix Interference
CIG00966	HB-1 (50')	90	10	1.0	C10-C27	103%
CIG00967	HB-1 (55')	N.D.	10	1.0	N.A.	100%
CIG00968	HB-1 (60')	20	10	1.0	C10-C27	104%
CIG00969	HB-1 (17')	2,900	500	50	C9-C27	116%
Method Blank		N.D.	500	50	N.A.	100%

Surrogate Recovery Acceptance Limits: Octacosane (45-150)

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

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GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Analysis Method: EPA 5030/8021	Extracted:	Jul 27, 1999
Attention: Dianna Mower	First Sample #: CIG00955	Analyzed:	Jul 27, 1999
	QC Batch: IG27G51S,IG27G52S	Reported:	Aug 6, 1999

MTBE (EPA 8021 MODIFIED)

Laboratory Number	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
CIG00955	HB-1 (3')	N.D.	0.035	1.0
CIG00956	HB-1 (6')	N.D.	0.035	1.0
CIG00957	HB-1 (9')	N.D.	0.035	1.0
CIG00958	HB-1 (12')	N.D.	0.035	1.0
CIG00959	HB-1 (15')	N.D.	0.035	1.0
CIG00960	HB-1 (21')	N.D.	0.035	1.0
CIG00961	HB-1 (25')	N.D.	0.035	1.0
CIG00962	HB-1 (30')	N.D.	0.070	2.0
CIG00963	HB-1 (35')	N.D.	0.035	1.0
CIG00964	HB-1 (40')	N.D.	0.035	1.0

MTBE = Methyl tert-Butyl Ether

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL, (ELAP #1169)

Cynthia E. Olson
Project Manager

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GeoSec, Inc.	Client Project ID: 90741	Sampled:	Jul 23, 1999
237 S. Waterman Ave.	McNally	Received:	Jul 23, 1999
San Bernardino, CA 92408	Analysis Method: EPA 5030/8021	Extracted:	Jul 27, 1999
Attention: Dianna Mower	First Sample #: CIG00965	Analyzed:	Jul 27, 1999
	QC Batch: IG27G51S,IG27G52S	Reported:	Aug 6, 1999

MTBE (EPA 8021 MODIFIED)

Laboratory Number	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor
CIG00965	HB-1 (45')	N.D.	0.035	1.0
CIG00966	HB-1 (50')	N.D.	0.035	1.0
CIG00967	HB-1 (55')	N.D.	0.035	1.0
CIG00968	HB-1 (60')	N.D.	0.035	1.0
CIG00969	HB-1 (17')	N.D.	0.035	1.0
Method Blank	IG27G52S	N.D.	0.035	1.0
Method Blank	IG27G51S	N.D.	0.035	1.0

MTBE = Methyl tert-Butyl Ether

Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL, (ELAP #1169)

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Project Manager

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9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851

GeoSec, Inc.
237 S. Waterman Ave.
San Bernardino, CA 92408
Attention: Dianna Mower

Method Blank

QC Batch: IH05061S

Extracted: Aug 5, 1999
Analyzed: Aug 5, 1999
Reported: Aug 6, 1999

VOLATILE ORGANICS and OXYGENATES by GC/MS (EPA 8260)

Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)	Analyte	Reporting Limit µg/Kg (ppb)	Sample Result µg/Kg (ppb)
Benzene	4.0	N.D.	trans-1,3-Dichloropropene	4.0	N.D.
Bromobenzene	5.0	N.D.	Di-isopropyl ether	5.0	N.D.
Bromochloromethane	5.0	N.D.	Ethylbenzene	4.0	N.D.
Bromodichloromethane	4.0	N.D.	Ethyl tert-butyl ether	5.0	N.D.
Bromoform	5.0	N.D.	Hexachlorobutadiene	5.0	N.D.
Bromomethane	5.0	N.D.	Isopropylbenzene	4.0	N.D.
tert-Butanol	50	N.D.	p-Isopropyltoluene	4.0	N.D.
n-Butylbenzene	5.0	N.D.	Methylene chloride	20	N.D.
sec-Butylbenzene	5.0	N.D.	Methyl tert-butyl ether	5.0	N.D.
tert-Butylbenzene	5.0	N.D.	Naphthalene	5.0	N.D.
Carbon tetrachloride	5.0	N.D.	n-Propylbenzene	4.0	N.D.
Chlorobenzene	4.0	N.D.	Styrene	4.0	N.D.
Chloroethane	5.0	N.D.	Tert-amyl methyl ether	5.0	N.D.
Chloroform	4.0	N.D.	1,1,1,2-Tetrachloroethane	5.0	N.D.
Chloromethane	5.0	N.D.	1,1,2,2-Tetrachloroethane	4.0	N.D.
2-Chlorotoluene	5.0	N.D.	Tetrachloroethene	4.0	N.D.
4-Chlorotoluene	5.0	N.D.	Toluene	4.0	N.D.
Dibromochloromethane	4.0	N.D.	1,2,3-Trichlorobenzene	5.0	N.D.
1,2-Dibromo-3-chloropropane	5.0	N.D.	1,2,4-Trichlorobenzene	5.0	N.D.
1,2-Dibromoethane	4.0	N.D.	1,1,1-Trichloroethane	4.0	N.D.
Dibromomethane	4.0	N.D.	1,1,2-Trichloroethane	4.0	N.D.
1,2-Dichlorobenzene	4.0	N.D.	Trichloroethene	4.0	N.D.
1,3-Dichlorobenzene	4.0	N.D.	Trichlorofluoromethane	5.0	N.D.
1,4-Dichlorobenzene	4.0	N.D.	1,2,3-Trichloropropane	10	N.D.
Dichlorodifluoromethane	5.0	N.D.	1,2,4-Trimethylbenzene	4.0	N.D.
1,1-Dichloroethane	4.0	N.D.	1,3,5-Trimethylbenzene	4.0	N.D.
1,2-Dichloroethane	4.0	N.D.	Vinyl chloride	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.	o-Xylene	4.0	N.D.
cis-1,2-Dichloroethene	4.0	N.D.	m,p-Xylenes	4.0	N.D.
trans-1,2-Dichloroethene	4.0	N.D.			
1,2-Dichloropropane	4.0	N.D.			
1,3-Dichloropropane	4.0	N.D.			
2,2-Dichloropropane	4.0	N.D.			
1,1-Dichloropropene	4.0	N.D.			
cis-1,3-Dichloropropene	4.0	N.D.			

Analytes reported as N.D. were not present at or above the reporting limit.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Surrogate Standard Recoveries (Accept. Limits):	
Dibromofluoromethane (80-120)	84%
Toluene-d8 (81-117)	95%
4-Bromofluorobenzene (74-121)	117%

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GT- 0887

CHAIN OF CUSTODY FORM

Quote No.: _____ Page One of One

Client Name: GeoSec Inc. | P.O./Project Number: 90741
Address: 287 So. Waterman Ave. | Project Name: McAnally
City: San Bernardino State: CA Zip: 92408 | Project Manager: Diana Mower
Tel: (909) 885-7072 Fax.: (909) 885-7037 | Sampler(s) (signature): Bob M

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) ☐ 8020 (BTEX) ☐	MTBE (8020) ☐	8015/8020/MTBE ☒	8015 (Diesel) ☒ fuel	simulated distillation ☐ fingerprint ☐	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 ☐	EPA 8010/8020 ☐	EPA 8270	Title 22 Metals EPA 6010/7000	+Cr VI ☐	EPA 8260 ☒ + Oxygenates ☒	+ MTBE ☒ MTBE only ☐	Lead	pH
NB-1 (3')	Soil	7/23/99	07:37			5 Lexan		X		X									X			
(6')			07:44																			
(9')			07:55																			
(12')			08:04																			
(15')			08:11																			
(21')			08:33																			
(25')			08:55																			
(30')			09:00																			
(35')			09:06																			
(40')			09:13																			

Relinquished by:	Date/Time:	Received by:	Date/Time:
Bob M	7/23/99 12:00	Diana D Mower	7/23/99 12:00
Diana D Mower	7/23/99 2:50	Robert Mower	7/23/99 2:50
Robert Mower	7/23/99 3:19		

Received in Lab by: _____ Date/Time: 7/23/99 3:19

Remarks:

Turnaround Time: (check one):
Same Day ___ 72 hours ___
24 Hours ___ 5 Days ___
48 Hours ___ Standard X

Sample Integrity:
Intact: X On Ice X

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

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CHAIN OF CUSTODY FORM

GT- 0888

Quote No.: _____ Page: 1 of 1

Client Name: GeoSearch Inc. | P.O./Project Number:

Address: 237. So. Waterman Ave. | Project Name: Prianally

City: San Bernardino State: CA Zip: 92408 | Project Manager: Diana L. Hamm

Tel: 909) 885-7072 Fax.: 909) 885-7037 | Sampler(s) (signature): Bob

Sample I.D.	Matrix	Date Sampled	Time	Preservation	Number of Containers	Type of Containers	8015 (Gas) ☐ 8020 (BTEX) ☐ MTBE (8020) ☐ 8015/8020/MTBE ☒	8015 (Diesel) ☒ fuel ☐ simulated fingerprint ☐ distillation	Oil & Grease - EPA 413.2	TRPH - EPA 418.1	EPA 8010 ☐ EPA 8010/8020 ☐	EPA 8270	Title 22 Metals EPA 6010/7000 ☐ +Cr VI ☐	EPA 8260 ☒ + Oxygenates ☒ + MTBE ☒ MTBE only ☐	Lead	pH
HB-1 (45')	Soil	7/23/99	09:30		9	5 Liter	X	X						X		
(50')			09:37													
(55')			09:48													
(60')			09:56													
(17')			833												added per DM 7/26	

Relinquished by: Bob	Date/Time: 7/23/99 12:00	Received by: Diana L. Hamm	Date/Time: 7/23/99 12:00
Relinquished by: Diana L. Hamm	Date/Time: 7/23/99 2:50	Received by: Robert Mower	Date/Time: 7/23/99 2:50
Relinquished by: Robert Mower	Date/Time: 7/23/99 3:10	Received in Lab by:	Date/Time: 7/23/99 3:10

Remarks:

Turnaround Time: (check one)
Same Day ___ 72 hours ___
24 Hours ___ 5 Days ___
48 Hours ___ Standard X

Sample Integrity:
Intact: X On Ice X

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

COC-GT

RECEIVED
SEP 16 1999
COUNTY OF RIVERSIDE
HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

GEO SEC, INC.
237 South Waterman Avenue
San Bernardino, CA 92408

Telephone: (909) 885-7072 **FAX: (909) 885-7037**

July 15, 1999

Ms. Sharon Boltinghouse
Hazardous Materials Specialist
Department of Environmental Health
County of Riverside
4065 County Circle Drive
Riverside, CA 92503

RE: *McAnnally Enterprises, 23480 Rider Street, Perris, California 92570-8868*
Site # 9915151

Dear Ms. Boltinghouse,

GEO-SEC, Inc. has tentatively scheduled a subsurface investigation according to the May 11, 1999 workplan, conditionally approved on June 16, 1999, for delineation of the above referenced site. Field activities will commence on Friday, July, 23, 1999, at approximately 7:00 AM.

Please let us know if this date and time is convenient for your office.

Should you have any questions regarding the above, please feel free to contact the undersigned at (909) 885-7072.

Yours truly,
GEO SEC, INC.

DARRELL NICHOL
Drilling Operations Manager

7-21-99
SCB message-ok w/date

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

June 16, 1999 Site # 9915151

DAN BROWN
McANALLY ENTERPRISES, INC.
PO BOX 1129
YUCAIPA CA 92399

RE: Underground Storage Tank Cleanup at McANALLY Enterprises located at 23480 Rider Street in Perris.

Dear Mr. Brown:

The Hazardous Materials Management Division has received and reviewed the May 11, 1999, GEO-SEC, Inc. delineation action plan for the above referenced site. We accept this workplan with the following stipulations:

- Soil samples shall be collected from the hand auger borings at three (3) foot depth intervals and at the bottom of each boring.

- Soil and groundwater (if groundwater is encountered) samples shall be analyzed using EPA Method 8020 for BTXE and MTBE as well as EPA Method 8015 modified for diesel. The laboratory detection limits shall not exceed the values shown on the enclosed table. All samples which have detectable concentrations of MTBE using EPA method 8020 shall also be analyzed for volatile organic compounds using EPA method 8260 (full scan including MTBE and other oxygenates).

- If groundwater monitoring wells are installed, the wells should be developed a minimum of 72 hours after well construction and sampling of the groundwater should occur no sooner than 72 hours after well development.

Our office shall be notified immediately of all changes including, but not limited to any additional borings/wells not specified in this workplan. If proposed field activities do not delineate contamination and additional field activities would like to be initiated during this investigation, please contact me as soon as possible.

All materials generated as a result of field activities at this site must be labeled, secured from public access, and containerized or completely covered, lined, and bermed to prevent discharge to the environment. The contents of all drums and/or other containers stored on-site associated with this cleanup shall be clearly marked by placing "**SOIL**" or "**NON-POTABLE WATER**" in large letters on the exterior of the container in public view. All generated materials must be removed off-site within ninety (90) days from the date of generation for proper disposal, treatment, or recycling. Failure to properly manage the materials as stated above is a violation of Riverside County Ordinance 617.4. Please make sure these materials are handled accordingly.

Please schedule with myself or Sandy Bunchek a minimum of five working days prior to anticipated commencement of field activities. Field work should be completed within 30 days of the date of this letter and a report of findings shall be submitted to this office within 60 days from commencement of field activities.

If you have any questions or would like to schedule field activities, please call me at (909) 358-5055.

Sincerely,

Sharon Boltinghouse
Hazardous Materials Specialist

cc: Ken Williams, RWQCB
Donald Chance, GEO-SEC, inc.

SCB
6-16-99

propose: 1 hand auger soil boring to 20' bgs - AND 20' past contam.
optional: 4 add'l step out borings based on field monitoring from 1st boring.

Hollow stem augers if hand augers unsuccessful.
Wells if gw encountered.
- Sample every 3' in hand auger.
- 8020 w/ MTBE all samples verify MTBE w/ 8260 (full scan) on highest.
- Detection limits.
- 72 hrs.
- disposal.

A Geological Systems
Evaluation Company

May 11, 1999

County of Riverside
Health Services Agency
4065 County Circle Drive, Room 123
Riverside California 92503
TEL: (909) 358-5055/FAX: (909) 358-5017

ATTN: Sharon Boltinghouse, Hazardous Materials Specialist

RE: *Mc Anally Enterprises, 23480 Rider Street, Perris, California 92570-8868*

Mr. Dan Brown, Mc Anally Enterprises Inc., has requested that GEO-SEC, Inc. submit a Delineation Action Plan (DAP) to evaluate the vertical and lateral extent of hydrocarbons, determine the depth to ground water and the extent of ground water impact, if any, resulting from the unauthorized release of a hazardous substance from the underground storage tank and/or dispenser units located at the above referenced site (*Figure 1, Site Map*).

Site History: On June 25, 1998, two underground storage tanks were removed from the subject site. Samples were collected from beneath the former tank and dispenser island areas. Subsequent laboratory analysis indicated excessive concentrations of diesel fuel in the dispenser area. No contamination was detected in samples obtained from the area under the former tanks (*Appendix A, Tank Removal Data*).

GEO-SEC, Inc. proposes to hand auger and sample one (1) soil quality assessment boring to approximately twenty (20) ft. below land surface in the dispenser area (*Figure 2, Proposed boring Locations*).

propose:
1 hand auger boring to 20 ft bgs

Scope of Work

Health and Safety Plan: Prepare a site specific health and safety plan. All on-site project personnel will read and sign the document.

The contractor will possess a current, valid California State Contractor License (A - General Engineering) with Hazardous Material Certification. The assigned Project Manager will be a California State Registered Geologist (RG) or Engineering Geologist

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MAY 19 1999

COUNTY OF ...
HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

(REG) with hydrogeology certification or a Professional Engineer (PE) who can demonstrate qualifications and/or previous experience in a similar project.

All drilling and/or well installation must be performed by a California State Licensed Contractor (C57 - Well Drilling).

All personnel engaged in on-site project activities (sub or prime) will be certified for forty (40) hours of training under OSHA 29 CFR 1910.120. All supervisory field staff will have completed an additional eight (8) hours of supervision training under OSHA 29 CFR, 1910.120.

The contractor will be required to provide documentation of current insurance coverage for General Liability with the client listed as Additionally Insured, Automotive/Equipment Liability, Errors and Omissions Liability, and Workman's Compensation.

Notification: Notify the Lead Regulatory Agency at least five (5) working days prior to initiating field activities.

Soil Investigation: Initially one (1) boring, HB1, will be hand augered over the top of former sample point "6/25/98-5-Dispenser" and will extend to a minimum of twenty (20) ft. below land surface *(Figure 2, Proposed Boring Location)*.

1 boring to 20' bgs.

If contaminants are detected (≥10 PPM) during field monitoring, the boring will be deepened to twenty ft. below the base of suspected contamination unless the saturated zone is encountered.

20' past cont. this may be difficult.

The boring will be back-filled and compacted with native soil (drill cuttings).

Alternate Method: If soil conditions prevent greater depth penetration, a subsequent event will be scheduled utilizing a hollow stem auger drill with continuous flight augers and a modified California Split Tube Sampler fitted with tube inserts driven ahead of the auger cutterhead with a 140 lb. drop hammer.

hollow-stem augers

Off Set/Step Out Borings: The need for subsequent "off set/step out" borings will be determined on site, under the direction of the County of Riverside, Health Services Department, inspector and based on information gained from the initial boring, general site geology and groundwater conditions, constraints imposed by the nature and location of buildings, utilities, etc.

based on what?

will there be a mobile lab?

Where contamination is limited, from five (5) ft. to ten (10) ft. below land surface, step out borings are proposed at a distance of five (5) ft. to the north, south, east and west of the initial boring.

cont. 5-10' bgs step out borings 5' from source

Where contamination extends beyond ten (10) ft. below land surface, or into the capillary fringe, step out borings are proposed at a distance of ten (10) ft. to the north, south east and west of the initial boring.

cont. >10' bgs step out borings 10' from source

Soil Sampling: Soil samples will be obtained at five (5) ft. depth intervals, beginning at five (5) feet below land surface. All drilling and sampling equipment will be thoroughly cleaned with an approved solution and rinsed in clean water between each sample drive.

3 ft. interval in hand auger borings.

After retrieval of the sampler, the ends of the sample tube will be covered with Teflon tape and sealed with plastic end-caps, labeled, and placed in a Ziploc bag in a properly chilled container. Soil from the adjacent area will be monitored in a closed container for headspace organic vapor content using a Photoionization Detector (PID). A trained sample technician/geologist, certified by a Registered California Geologist, will compile a boring log during the drilling. The boring log will contain lithologic descriptions, appropriate U.S.C.S. designations, OVA readings, and hammer-blow counts. The boring log will be reviewed by the Registered Geologist before it is certified.

Soil Analysis: The chilled soil samples will be submitted to a California DHS certified laboratory with chain of custody documentation. The laboratory will be instructed to analyze the samples by EPA m8015 (Diesel).

8020 w/ MTBE. detection ≤ 50 ppb verify hits w/ 8260

Ground Water Investigation: If ground water is encountered, monitoring wells will be permitted, installed, developed, purged and sampled in compliance with the state and local regulatory guidelines at a later date. The location and number of required monitoring wells will be determined, under the direction of the County of Riverside, Health Services Department.

Generally, a minimum of three wells will be required to determine a site specific flow direction. Monitoring wells will be permitted, installed, developed, purged and sampled in compliance with the state and local regulatory guidelines. Additional wells may be required to determine the extent of ground water involvement.

Each well will be constructed using four (4) inch diameter, Schedule 40, PVC well casing with 0.010" slotted screen from ten (10) ft. above to fifteen (15) ft. below the water level. The screened annular space will be filled to one (1) ft. above the screen with 2/16 sand and with Bentonite slurry to within five (5) ft. below land surface. The remaining well casing will be filled to land surface with sack concrete and sand/gravel mixture.

The well surface will be finished with commercial Emco Wheaton drive over covers, and a concrete pad (4" x 30") sloped two (2) inches from the cover to natural grade. The drill cuttings will be stored on-site in labeled DOT fifty-five (55) gallon drums for future disposal, within ninety (90) days, by the client.

Well Development: After a minimum of seventy-two (72) hours, each well will be developed using a submersible pump until a minimum of three (3) bore volumes of water will be purged or the total settleable solids, determined using an Imhoff Cone, falls below the limit of 10 PPM. All development water will be stored on site in labeled fifty-five (55) gallon DOT drums for future disposal by the client.

Ground Water Sampling: The Lead Regulatory Agency will be notified at least five (5) working days prior to initiating field activities. Prior to each sampling event, all purging and sampling equipment will be cleaned in an Alconox solution and double rinsed with potable water. A submersible Bennett stainless steel air pump will be used to remove all stagnant water from each monitoring well. Aquifer stabilization will be determined and logged using a calibrated Horiba U-10 water checker to monitor: pH, temperature, conductivity and turbidity. All purged water will be stored in labeled fifty-five (55) gal. DOT drums for future disposal, within ninety (90) days, by the client.

72 hrs.

After aquifer stabilization is determined and the well has recovered to at least ninety percent of capacity, water samples will be collected using a new, disposable, factory sealed polyethylene bailer with a bottom-emptying device for each well. Care will be taken to prevent the loss of volatile organic constituents caused by agitation or aeration. Laboratory supplied, certified clean, glass containers will be carefully filled with the groundwater sample and capped to eliminate any headspace and verified by inverting the container and tapping it with a finger to release any bubbles that may exist.

The water samples will be sealed, labeled and placed into Ziploc bags in a properly chilled container for transport to a California State Certified Laboratory with chain of custody documentation. The laboratory will be instructed to analyze the samples by EPA m8015 (Diesel).

8020 + MTBE

In order to evaluate the potential remediation by enhanced, in-situ bio-degradation utilizing endemic microorganisms, a heterotrophic plate count may be performed for selected samples with a HNU reading greater than 50 ppm.

Hydrogeology: An hydrogeologic investigation will be made of the site. Additionally, the elevation of a permanent mark on each casing rim will be determined by surveying.

The depth to water in each well will be measured from the established casing rim mark will be used to calculate the site specific flow direction.

Technical Report: A technical report, certified by the supervising registered geologist will be compiled and submitted to the lead regulatory agency within ninety (90) days of the date of workplan approval.

The final report will describe all field activities, evaluate resultant data, contain appropriate conclusions and recommendations, including proposed remedial actions to mitigate the effects of any contamination encountered or stockpiled on-site and a schedule of completion.

A copy of any report generated in this investigation shall be forwarded to Ken Williams, Santa Ana Regional Water Quality Control Board.

Should you have any questions regarding the above information please feel free to contact the undersigned at (909) 885-7072.

Donald R. Chance
Project Geologist
CA Reg Env Assessor No 203

Jerry D. Horne
California Registered Geologist, RG-547
CA Cert. Hydrogeologist, HG-218

cc: Dan Brown, Mc Anally Enterprises
Tony Mc Anally, Mc Anally Enterprises
Ken Williams, Santa Ana Regional Water Quality Control Board

GEO SEC, INC.
A Geological Systems Evaluation Company
237 South Waterman Avenue
San Bernardino, CA 92408
Telephone (909) 885-7072 FAX (909) 885-7037

TELEFAX COVER LETTER

Date: May 19, 1999

PLEASE DELIVER TO:

Name: Sharon Boltinghouse

Firm: County of Riverside, H.S.A.

FAX#: (909) 358-5017

FROM:

Name: Dianna L. Mower

Firm: GEO SEC, INC.

FAX#: (909) 885-7037

WE ARE TRANSMITTING one PAGE(S) IN ADDITION TO THIS COVER SHEET. IF TRANSMISSION IS NOT COMPLETE OR THE COPY IS ILLEGIBLE, PLEASE CALL (909) 885-7072.

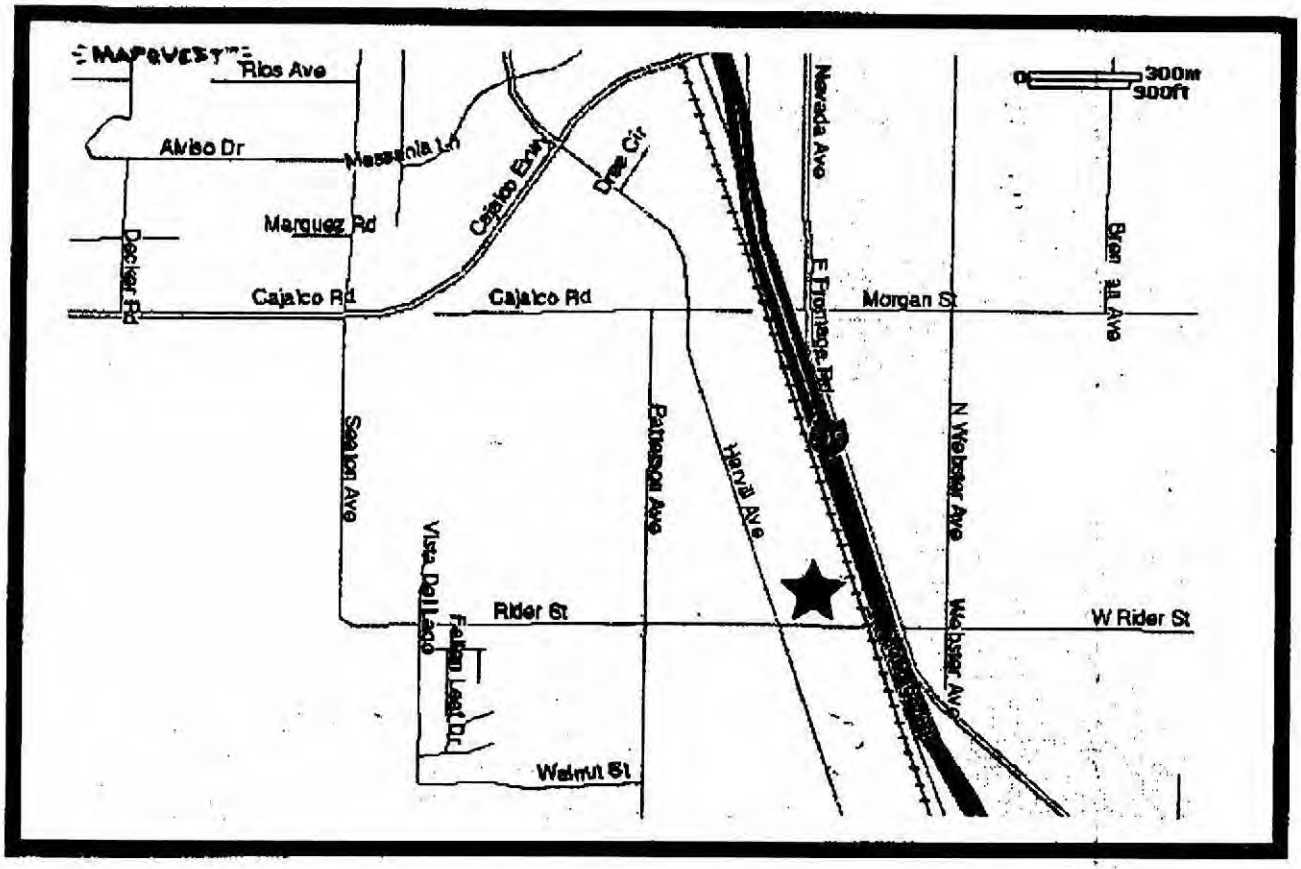
RE: GEO-SEC, Inc. report for Mc Anally Enterprises, 23480 Rider Street, Riverside, Site No. 99-15151, dated May 11, 1999. Attached is a corrected Figure 1, Site Map. We apologize for any inconvenience this may cause you.

Respectfully

Dianna L. Mower

☐ HARD COPY TO FOLLOW BY MAIL.

05/19/1999 10:43 9098857037 GEO SEC INC PAGE 01



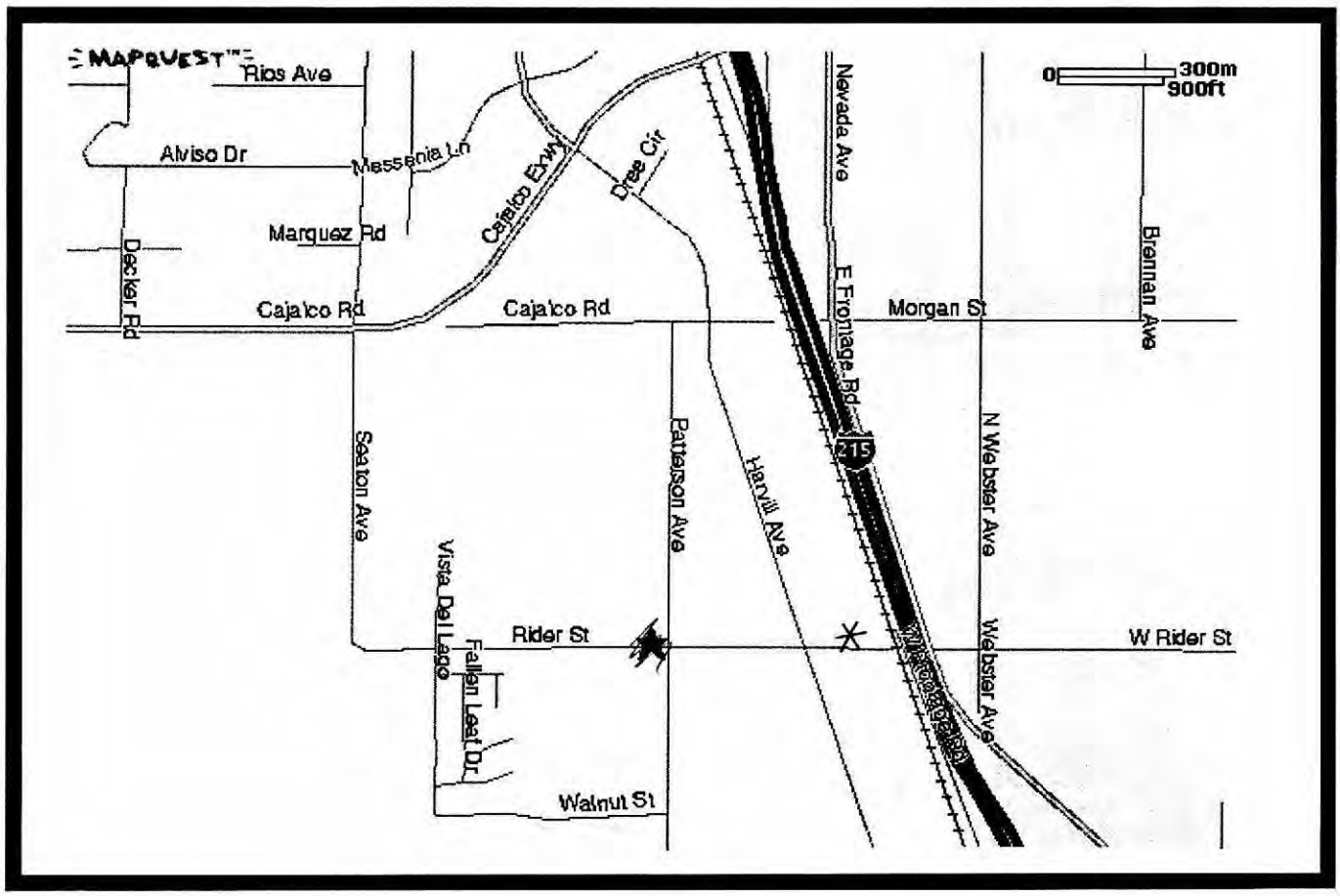


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FIGURE 1

Site Map

23480 Rider Street
Perris, California 92570-8868

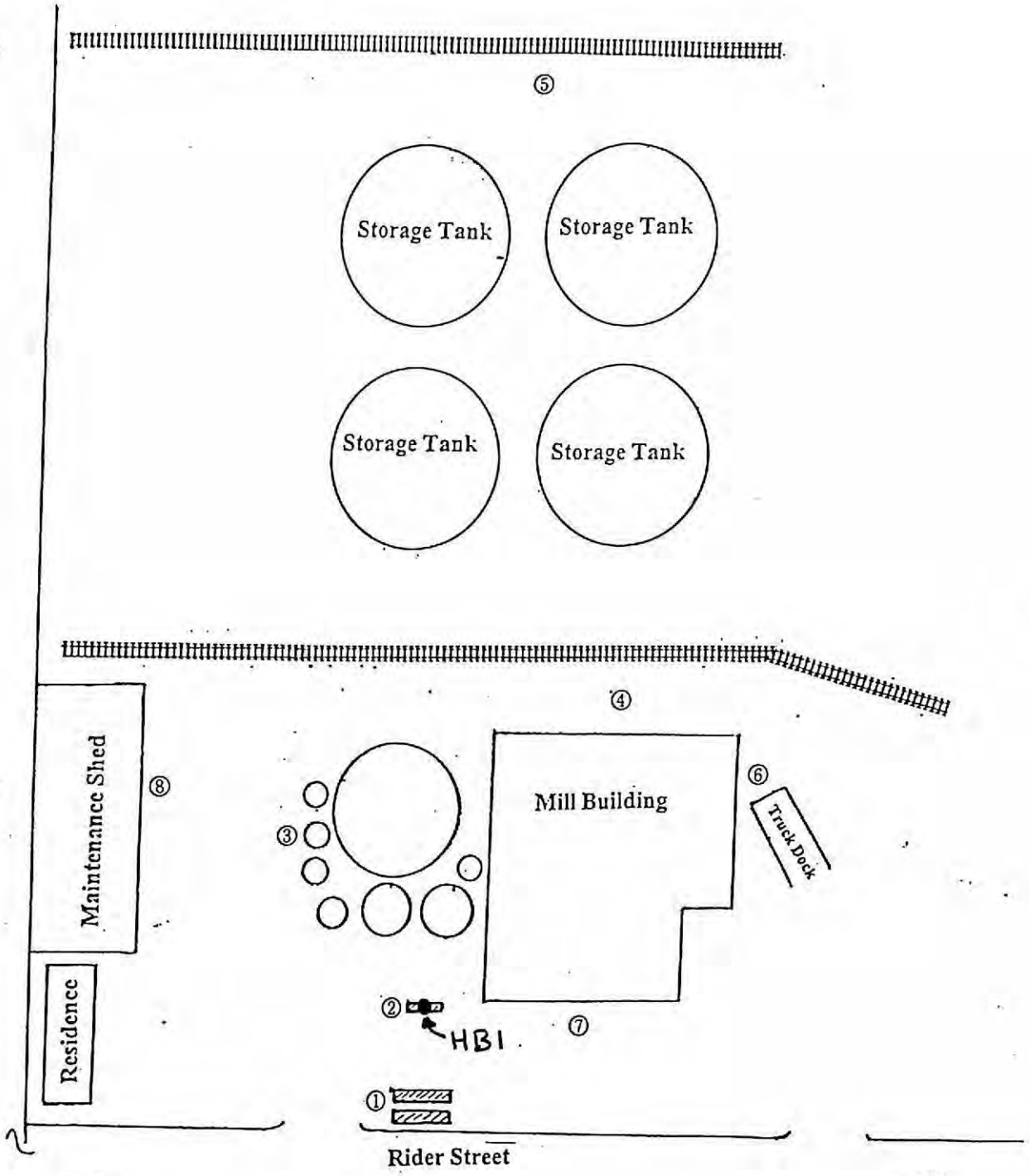


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FIGURE 1

Site Map

23480 Rider Street
Perris, California 92570-8868



KEY:

1. Former Diesel UST Area
2. Former Fueling Island
3. Liquid Feed Ingredient Loading Areas
4. Railcar and Bulk Ingredient Unloading Area
5. Railcar Bulk Ingredient Unloading Area
6. Truck Dry Box Loading and Unloading Area
7. Feed Trailer Loading with Finished Feed
8. Light Truck Maintenance/Truck Parking Area

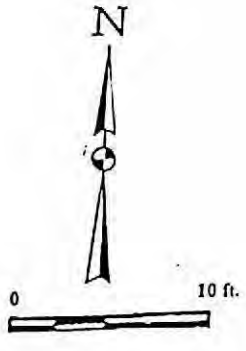


Figure 2, Proposed Boring Location

Perris Mill, Mc Anally Enterprises

Project No. 90519

APPENDIX

Tank Removal Data

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1040
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
2465 W 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-3402

Geo-Sec, Inc.
237 South Waterman, Suite B
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: ~~80627~~ 80630 (Vons)
Analysis Method: EPA 3550/CA DHS Mod. 8015
First Sample #: C8061558

Sampled: Jun 25, 1998
Received: Jun 25, 1998
Extracted: Jun 30, 1998
Analyzed: Jul 2, 1998
Reported: Jul 3, 1998

EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
C8061558	1-W. End 2'	N.D.	5.0	1.0	N.A.
C8061559	2-W. End 3'	N.D.	5.0	1.0	N.A.
C8061560	5-Dispenser	15,000	250	50	C8-C28
C8061561	4-E. End 2'	N.D.	5.0	1.0	N.A.
C8061562	3-E. End 3'	N.D.	5.0	1.0	N.A.
Method Blank		N.D.	5.0	1.0	N.A.

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COPY
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REVIEWED BY: [signature]
DATE: 7/6/98

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1169)

Cynthia E. Olson
Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

Del Mar Analytical
2852 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1338

CHAIN OF CUSTODY FORM

Client Name/Address:	Project/PO Number:
GEO-SEC, Inc.	~~98627~~ 80620
Project Manager/Phone Number:	**Sampler:**
Dionna 555-7972	

Sample Description	Sample Matrix	Container Type	#of Cont	Sampling Date/Time	Preservatives	Analysis Required: SOS diesel	1	Special Instructions
6/25/98 - 1 W. end 2'	S	4oz glass	1	12:00	--	X		
" - 2 W. end 3'	"	"	1	12:05	--	X		
" - 5 Dispenser	"	"	1	12:10	--	X		
" - 4 E. end 2'	"	"	1	12:20	--	X		
" - 3 E. end 3'	"	"	1	12:25	--	X		

COPY COPY

RECEIVED JUL 03 1998 LOG IN/OUT REVIEWED BY: 7/6/98

Relinquished By: Diana Mann Date /Time: 6/25/98 1515

Relinquished By: [signature] Date /Time: 6-25-98 1535

Relinquished By: Date /Time:

Received by: [signature] Date /Time: 6/25/98 1515

Received by: Date /Time:

Received in Lab by: [signature] Date /Time: 6.25.98 1535

Turnaround Time: (check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: (Check)
intact X on ice X

Note: Sample(s) will be disposed of after 30 days.

80620

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

SAMPLE RECEIPT FORM

This form must accompany all samples to the laboratory and be included with the report of findings submitted to the HMMD office.

Sampling site address: 23480 Rider, Perris, CA
Sampling date: 6/25/98

Date samples received by lab: 6/25/98
Time samples received by lab: 6-1535
Samples received by lab within 24 hrs.? (Yes) No
Vapors evident in sample storage container? Yes (No)

COPY
COPY

Sample condition:

Sufficiently chilled? (Yes) No
All samples sealed with **County evidence tape?** Yes (No)
Samples dry and in good condition? (Yes) No
Headspace in sample containers? Yes (No)

COPY

Comments / Concerns:

COPY

JUL 03 1998

REVIEWED BY: [signature] 7/6/98
DATE:

Laboratory receiving samples: Del Mar Analytical
Laboratory personnel signature: [signature] Date: 6/25/98

If there are any questions regarding this form, please call (909) 358-5055.

rev. 8-21-96

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

UNDERGROUND STORAGE TANK PERMIT FOR CLOSURE

TYPE OF PERMIT

[X] Removal

[ ] Abandonment in Place

[ ] Temporary Closure (12 Months Only)

FACILITY# 81997

This permit shall not be construed as to allow the violation of any law, nor does it prevent further corrections of errors found on the application, plans, or at the site. Plans must be resubmitted for approval if any additional changes are made by the applicant.

In addition to this permit, all applicable permits required by the local fire department, building department, and the air quality management district must be obtained and should be available for review at the closure site.

All tank closures must, at a minimum, comply with the California Underground Storage Tank Regulations and the appropriate section of the California Health & Safety Code.

MCANALLY ENTERPRISES, INC. (Owner/Contractor/Applicant) has applied for and is granted a permit to

REMOVAL (Remove/Abandon/Temp. Close) 2 (No.) underground storage tank(s) at

MCANALLY ENTERPRISES, INC. (Facility Name) located at

23480 RIDER ST. (Street Address) in PERRIS (City/Town), California.

Underground tank closure inspections **must be scheduled five (5) business days in advance.** Telephone (714) 358-5055.

Valerie Kauffman — Permit Approved By

6/15/98 — Date

98-223 — Plan Check #

*This Permit for Closure is VALID FOR 90 DAYS from the date of approval. If no reasonable action is taken within that period, the applicant will be required to reapply for a closure permit with all pertinent fees associated.

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

Underground Storage Tank Closure/Abandonment Application

Application for closure or abandonment of Underground Storage Tanks. Applicant may submit a copy of the removal plans. All fees are NON REFUNDABLE and payable when the plans are submitted with this application.

98-223
PLAN CHECK NUMBER

NAME OF FACILITY	ADDRESS OF FACILITY	(CITY)	PHONE NUMBER
McANNALLY ENTERPRISES INC		PERRIS	797-0144
NAME OF OWNER	**ADDRESS OF OWNER**		**PHONE NUMBER**
SAME	23980 RIDER ST.		
NAME OF OPERATOR	**ADDRESS OF OPERATOR**		**PHONE NUMBER**
SAME			
NAME OF CONTRACTOR/CONTACT PERSON	**ADDRESS OF CONTRACTOR**		**PHONE NUMBER**
GEO SEC INC	237 So. WATERMAN AVE SAN BERNARDINO		909-885-7072
CONTRACTORS LICENSE TYPE AND NUMBER (Including Hazardous Materials Certification)			
A-HAZ			

ANSWER THE FOLLOWING QUESTIONS DESCRIBING THE TANKS TO BE CLOSED OR ABANDONED. IF YOU HAVE MORE THAN FOUR (4) TANKS, PROVIDE INFORMATION ON ADDITIONAL APPLICATION FORM.

	TANK 1	TANK 2	TANK 3	TANK 4
SINGLE/DOUBLE WALL TANK	✓	✓		
TANK IN USE (YES/NO)	YES	YES		
IS TANK SUSPECTED OF LEAKING (YES/NO)	NO	NO		
AGE OF TANK (YEARS)	APPR. 20	APPR 20		
CONSTRUCTION MATERIAL OF TANK(S)	STEEL	STEEL		
HAZARDOUS SUBSTANCE STORAGE HISTORY	DIESEL	DIESEL		

Check the method of closure to be performed.

REMOVAL (✓)

ABANDONMENT ( )

TEMPORARY CLOSURE ( )

DATES FOR WHICH THE TANKS ARE TO BE TEMPORARILY CLOSED (IF APPLICABLE).

NAME OF PERSON TO CONTACT IN AN EMERGENCY	24 HOUR EMERGENCY PHONE NUMBER
TONY McANNALLY	797-0144

APPLICANT NAME	APPLICANT SIGNATURE	DATE OF APPLICATION
FRITZ THORNBURGH	Fritz Thornburgh	6-15-98

PLEASE MAKE YOUR CHECK PAYABLE TO THE COUNTY OF RIVERSIDE

AMOUNT ATTACHED $ 386.00 .00

TRANSACTION/OCR NO. 4322

Facility # 81997

RECEIVED

MAY 19 1999

COUNTY OF [illegible]
HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT DIVISION

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFIED MAIL # P592429115

April 27, 1999

Site # 99-15151

Dan Brown
McAnally Enterprises Inc.
P O Box 1129
Yucaipa CA 92399

RE: Underground Storage Tank Cleanup at McAnally Enterprises at 23480 Rider St., Perris.

Dear Responsible Party:

It has come to the attention of the County of Riverside, Department of Environmental Health, Hazardous Materials Management Division that an unauthorized release has occurred from the underground storage tank system at the above referenced site. The resulting soil and/or groundwater contamination must be handled accordingly.

As a responsible party, it is your responsibility under the California Code of Regulations, Title 23, Division 3, Chapter 16, Article 11 to take corrective action for the unauthorized release at the above referenced site. At this time, a subsurface investigation must be conducted to delineate the lateral and vertical extent of soil contamination and determine possible impacts to groundwater. Based on the results of this investigation, it is your responsibility to remediate the adverse effects of the unauthorized release.

Bids for work should be solicited and received from at least three companies. Please be certain that you and your contractor(s) have all appropriate licenses and permits necessary to perform this work, such as a C-57 for well drilling, County of Riverside well permits, South Coast Air Quality Management District permits, etc. Copies of these documents should be available for inspection by County personnel on request. Results of all investigations must be submitted to this office in the form of technical reports prepared by a qualified professional who is registered as an engineer or geologist in the State of California.

Prior to conducting any work at the site, a detailed workplan must be submitted and accepted by this office. Contact this office **on or before May 27, 1999** to discuss the plans for the first phase of work on the site. A workplan must be received by this office **on or before June 27, 1999.**

47-923 Oasis Street
Indio, CA 92201
Fax (760) 863-8303
(760) 863-8976

4065 County Circle Drive, Rm. 123
Riverside, CA 92503
Fax (909) 358-5017
(909) 358-5055
Department Web Site - www.rivcoeh.org

1370 S. State Street, #101
San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2220

It is also your responsibility under California Code of Regulations Title 23 Water Sections 2652(d), 2726(b) and 2727(c) to provide at a minimum, a quarterly status report to this office every three (3) months until site investigation and cleanup are complete. The status report should detail any investigative, remedial, or other action(s) taken regarding the site. The status report should include, at a minimum, information listed on the sample quarterly status report form enclosed with this letter. We suggest that you make copies of the report form for use each quarter. The quarterly status report shall be submitted within 15 days of the end of each quarter on the following schedule:

Quarter 1 - January thru March..... Submit by April 15
Quarter 2 - April thru June..... Submit by July 15
Quarter 3 - July thru September..... Submit by October 15
Quarter 4 - October thru December.. Submit by January 15

Failure to provide quarterly status reports is a violation of Riverside County Ordinance 617.4. Violations of this ordinance can result in the issuance of a citation.

The State of California has set up the Underground Storage Tank Cleanup Fund to pay for corrective action at sites where unauthorized releases of petroleum from USTs have caused contamination of soil and/or water. Monies from this Cleanup Fund (up to $990,000) may be available to you. Please refer to the enclosed pamphlet for more information regarding the Cleanup Fund.

Copies of all correspondence submitted to this office should be sent to the California Regional Water Quality Control Board, Santa Ana Region at 3737 Main Street, Suite 500, Riverside, California 92501-3939.

Should you have any questions concerning this matter, please contact myself or Sandy Bunchek at (909) 358-5055.

Sincerely,

Sharon Boltinghouse
Hazardous Materials Specialist

SB:jc

Enclosures

cc: Ken Williams, Regional Water Quality Control Board (Santa Ana)

State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program

NOTICE OF RESPONSIBILITY

SITE # 99-15151
SITE NAME: McAnally Enterprise
ADDRESS: 23480 Rider St
CITY/STATE/ZIP: Perris CA 92570

DATE FIRST REPORTED: 4/22/99
SUBSTANCE: gasoline
FEDERAL X STATE ___

RESPONSIBLE PARTY: McAnally Enterprise Inc.
RESPONSIBLE PARTY CONTACT: Dan Brown
ADDRESS: P O Box 1129
CITY/STATE/ZIP: Yucaipa CA 92399

Pursuant to sections 25297.1 and 25297.15 of the Health and Safety Code, you are hereby notified that the above site has been placed into the Local Oversight Program and the individual(s) or entity(ies) shown above, or on the attached list, has (have) been identified as the party(ies) responsible for investigation and cleanup of the above site. Section 25297.15 further requires the primary or active Responsible Party to notify all current record owners of fee title before the local agency considers cleanup or site closure proposals or issues a closure letter. For purposes of implementing section 25297.15, this agency has identified McAnally Enterprise Inc. as the primary or active Responsible Parties. It is the responsibility of the primary or active Responsible Party to submit a letter to this agency within 20 calendar days of receipt of this notice which identifies all current record owners of fee title. It is also the responsibility of the primary or active Responsible Party to certify to the local agency that the required notifications have been made at the time a cleanup or site closure proposal is made or before the local agency makes a determination that no further action is required. If property ownership changes in the future, you must notify this local agency within 20 calendar days from when you are informed of the change.

Any action or inaction by this local agency associated with corrective action, including responsible party identification, is subject to petition to the State Water Resources Control Board. Petitions must be filed within 30 days from the date of the action/inaction. To obtain petition procedures, please FAX your request to the State Water Board at (916) 227-4349 or telephone (916) 227-4408.

Pursuant to Section 25299.37(c)(7) of the Health and Safety Code, a responsible party may request the designation of an administering agency when required to conduct corrective action. Please contact this office for further information about the site designation process.

Contract Project Director		
Sandy Bunchek	**(909) 358-5055**	4/27/99
Signature	Telephone Number	Date

Add:	x	Reason: New Site
Delete:	__	Reason:
Change:	__	Reason:

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFIED MAIL # P592429115

April 27, 1999

Site # 99-15151

Dan Brown
McAnally Enterprises Inc.
P O Box 1129
Yucaipa CA 92399

RE: Underground Storage Tank Cleanup at McAnally Enterprises at 23480 Rider St., Perris.

Dear Responsible Party:

The purpose of this letter is to inform you that County of Riverside, Department of Environmental Health, Hazardous Materials Management Division has entered into an agreement with the State of California Water Resources Control Board to oversee the cleanup and mitigation of contaminated sites resulting from the unauthorized release of hazardous substances from underground storage tanks. The cleanup of these sites is necessary to protect the groundwaters of the state from contamination and to protect the public from exposure to hazardous materials.

Enclosed you will find the Notice of Responsibility. This is formal notification concerning your responsibility for corrective action at this site.

If any of the information is incorrect, or if you should have any questions, please contact myself or Sandy Bunchek as soon as possible at (909) 358-5055.

Sincerely,

Sharon Boltinghouse
Hazardous Materials Specialist

cc: Ken Williams, Regional Water Quality Control Board (Santa Ana)

47-923 Oasis Street
Indio, CA 92201
Fax (760) 863-8303
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San Jacinto, CA 92583
Fax (909) 487-0328
(909) 791-2220

Department Web Site - www.rivcoeh.org

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION

EMERGENCY RESPONSE, COMPLAINT, INVESTIGATION REPORT

OFFICE	RECEIVED BY	TIME REPORTED	DATE REPORTED	SPECIALIST / DATE ASSIGNED	CODE #	ERCI #
RIVERSIDE	S BOLTINGHOUSE	1545 hrs	4/22/99	S BOLTINGHOUSE	5523	15151

LOCATION	THOMAS BROTHERS	TYPE OF PLACE	DATE / TIME OCCURRED
23480 Rider St., Perris		GAS STATION	LOP

COMPLAINT / INCIDENT:
LEAKING UNDERGROUND STORAGE TANK SYSTEM.

PERSONS CODE: **S** - SUSPECT **V** - VICTIM **W** - WITNESS **RP** - REPORTING PARTY **O** - OTHER

CODE	NAME (LAST, FIRST, MIDDLE)	DOB	RACE	SEX
S	McAnally Enterprise			

ADDRESS (HOME)	PHONE (H): ( )	HGT	WGT	HAIR	EYES

ADDRESS (WORK)	PHONE (W):	I.D. NUMBER (CDL)
P O Box 1129, Yucaipa CA 92399		

VEHICLE DESCRIPTION	YEAR	MAKE	MODEL	COLOR	LIC	VIN

CODE	NAME (LAST, FIRST, MIDDLE)	DOB	RACE	SEX
RP	S BOLTINGHOUSE			

ADDRESS (HOME)	PHONE (H): ( )	HGT	WGT	HAIR	EYES

ADDRESS (WORK)	PHONE (W): (909)	I.D. NUMBER (CDL)
RIVERSIDE COUNTY HAZAROUS MATERIALS	358-5055	

VEHICLE DESCRIPTION	YEAR	MAKE	MODEL	COLOR	LIC	VIN

CODE	NAME (LAST, FIRST, MIDDLE)	DOB	RACE	SEX

ADDRESS (HOME)	PHONE (H): ( )	HGT	WGT	HAIR	EYES

ADDRESS (WORK)	PHONE (W): ( )	I.D. NUMBER (CDL)

VEHICLE DESCRIPTION	YEAR	MAKE	MODEL	COLOR	LIC	VIN

DISPOSITION OF CASE: FOLLOWUP REQUIRED? YES [X] NO [ ]

CASE INCORPORATED INTO LOCAL OVERSIGHT PROGRAM (LOP) FOR INVESTIGATION AND CORRECTIVE ACTIONS. FOR FURTHER INFORMATION, REFER TO LOP CASE FILE # 99-15151

OTHER AGENCIES NOTIFIED	PROP. 65 REQUIRED?	ADDITIONAL SPECIALISTS	TOTAL INCIDENT TIME
SWRCB, CRWQCB	YES		LOP

SPECIALIST	DATE	APPROVED	DATE
S Boltinghouse	4-27-99	Martha Bohrer	4/22/99

COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS MANAGEMENT BRANCH

SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986

DISCHARGE REPORT FORM

I.D. NO. : 15151

Date Reported: 4/22/99 **Time:** 1535hrs **Date Leak Discovered:** 4/22/99

Incident Location/Address: McAnally Enterprises
23480 Rider St **Telephone:** ( )
Perris

Responsible Party/address: McAnally Enterprises Inc.
P O Box 1129 **Telephone:** ( )
Yucaipa CA 92399

Description of Incident: Leaking underground storage tank system(s) (UST).

Substance(s) Discharged/Threatened Discharge: Unleaded gasoline

Quantity: Unknown

Characteristics of Substance(s): Flammable, Toxic

Extent of Contamination:

Soil: Unknown, lateral & vertical extent will be investigated
Water: Unknown, investigation will be based upon the extent of soil contamination
Air: Some volatilization
Other: N/A

Health and Safety Threat: Flammable liquid.

Time of Threat: Ongoing

Health Recommendations: Avoid inhalation of vapors, Prevent dermal contact

Description of Initial Mitigation Measures (evacuation, berming, absorption, containerizing):
Case incorporated into Local Oversight Program for investigation and mitigation.

Cleanup Status: To be determined.

Reported By: Sharon Boltinghouse **Date:** April 22, 1999

Designated Employee: Vince Spenjacot

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED ? ☐ YES ☒ NO

REPORT DATE: 04 22 99

CASE #: 99-15151

FOR LOCAL AGENCY USE ONLY

I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.

SIGNED _____ DATE 4/30/99

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: SHARON BOLTINGHOUSE

PHONE: (909) 358-5055

SIGNATURE: _____

REPRESENTING ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER _____

COMPANY OR AGENCY NAME: RIVERSIDE COUNTY ENVIRONMENTAL HEALTH HAZ MAT

ADDRESS: P.O. Box 7600 (STREET) Riverside (CITY) CA (STATE) 92513-7600 (ZIP)

RESPONSIBLE PARTY

NAME: McAnally Enterprises, Inc. ☐ UNKNOWN

CONTACT PERSON: Dan Brown

PHONE: ( )

ADDRESS: P.O. Box 1129 (STREET) Yucaipa (CITY) CA (STATE) 92399 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): McAnally Enterprises, Inc.

OPERATOR: DanBrown

PHONE: ( )

ADDRESS: 23480 Rider St. (STREET) Perris (CITY) Riverside (COUNTY) 92570 (ZIP)

CROSS STREET: Hwy. 215

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: RIVERSIDE COUNTY ENV HEALTH HAZ MAT

CONTACT PERSON: SHARON BOLTINGHOUSE

PHONE: (909) 358-5055

REGIONAL BOARD: SANTA ANA

CONTACT PERSON: KEN WILLIAMS

PHONE: (909) 782-4130

SUBSTANCES INVOLVED

(1) NAME: Diesel

QUANTITY LOST (GALLONS): _____ ☒ UNKNOWN

(2) NAME: _____

QUANTITY LOST (GALLONS): _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 04 22 99

HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER _____

DATE DISCHARGE BEGAN: _____ ☒ UNKNOWN

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)

☐ REMOVE CONTENTS ☐ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER _____

HAS DISCHARGE BEEN STOPPED ? ☒ YES ☐ NO IF YES, DATE 06 25 98

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER _____

CASE TYPE

CHECK ONE ONLY

☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY

☐ NO ACTION TAKEN ☒ LEAK BEING CONFIRMED ☐ REMEDIATION PLAN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ POLLUTION CHARACTERIZATION ☐ POST CLEANUP MONITORING IN PROGRESS ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)

☐ CAP SITE (CD) ☐ CONTAINMENT BARRIER (CB) ☐ VACUUM EXTRACT (VE) ☐ EXCAVATE & DISPOSE (ED) ☐ EXCAVATE & TREAT (ET) ☐ NO ACTION REQUIRED (NA) ☒ OTHER (OT) TO BE DETERMINED ☐ REMOVE FREE PRODUCT (FP) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ TREATMENT AT HOOKUP (HU) ☐ ENHANCED BIO DEGRADATION (IT) ☐ REPLACE SUPPLY (RS) ☐ VENT SOIL (VS)

COMMENTS

L.O.P.

HSC 05 (8/90)

INSTRUCTIONS

EMERGENCY
Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY
To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY
Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY
Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION
Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES
Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED
Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT
Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE
Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE
Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS
Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - No action has been taken by responsible party beyond initial report of leak.
Leak Being Confirmed - Leak suspected at site, but has not been confirmed.
Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.
Preliminary Site Assessment Underway - implementation of workplan.
Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.
Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.
Cleanup Underway - implementation of remediation plan.
Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.
Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION
Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impermeable layer to reduce rainfall infiltration.
Containment Barrier - install vertical dike to block horizontal movement of contaminant.
Excavate and Dispose - remove contaminated soil and dispose in approved site.
Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).
Remove Free Product - remove floating product from water table.
Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
Replace Supply - provide alternative water supply to affected parties.
Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
Vacuum Extract - use pumps or blowers to draw air through soil.
Vent Soil - bore holes in soil to allow volatilization of contaminants.
No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION
If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

REPORT DATE: 04/20/99

CASE #: 99-15151

FOR LOCAL AGENCY USE ONLY

I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.

SIGNED: [signature] DATE: 4/27/99

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: SHARON BOLTINGHOUSE

PHONE: (909) 358-5055

SIGNATURE: [signature]

REPRESENTING: ☐ OWNER/OPERATOR ☐ REGIONAL BOARD ☒ LOCAL AGENCY ☐ OTHER

COMPANY OR AGENCY NAME: RIVERSIDE COUNTY ENVIRONMENTAL HEALTH HAZ MAT

ADDRESS: P.O. Box 7600 (STREET) Riverside (CITY) CA (STATE) 92513-7600 (ZIP)

RESPONSIBLE PARTY

NAME: McAnally Enterprises, Inc. ☐ UNKNOWN

CONTACT PERSON: Dan Brown

PHONE: ( )

ADDRESS: P.O. Box 1129 (STREET) Yucaipa (CITY) CA (STATE) 92399 (ZIP)

SITE LOCATION

FACILITY NAME (IF APPLICABLE): McAnally Enterprises, Inc.

OPERATOR: DanBrown

PHONE: ( )

ADDRESS: 23480 Rider St. (STREET) Perris (CITY) Riverside (COUNTY) 92570 (ZIP)

CROSS STREET: Hwy. 215

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: RIVERSIDE COUNTY ENV HEALTH HAZ MAT

CONTACT PERSON: SHARON BOLTINGHOUSE

PHONE: (909) 358-5055

REGIONAL BOARD: SANTA ANA

CONTACT PERSON: KEN WILLIAMS

PHONE: (909) 782-4130

SUBSTANCES INVOLVED

(1) NAME: Diesel — QUANTITY LOST (GALLONS): ☒ UNKNOWN

(2) NAME: — QUANTITY LOST (GALLONS): ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 04/22/99

HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER

DATE DISCHARGE BEGAN: ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 06/25/98

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)

☐ REMOVE CONTENTS ☐ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☒ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☒ UNKNOWN ☐ OTHER

CASE TYPE

CHECK ONE ONLY

☐ UNDETERMINED ☒ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY

☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☒ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)

☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CAP SITE (CD) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ CONTAINMENT BARRIER (CB) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☐ VACUUM EXTRACT (VE) ☒ OTHER (OT) TO BE DETERMINED

COMMENTS

L.O.P.

HSC 05 (8/90)

INSTRUCTIONS

EMERGENCY
Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY
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REPORTED BY
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RESPONSIBLE PARTY
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SITE LOCATION
Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES
Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED
Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT
Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE
Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE
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Remove Free Product - remove floating product from water table.
Pump and Treat Groundwater - generally employed to remove dissolved contaminants.
Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.
Replace Supply - provide alternative water supply to affected parties.
Treatment at Hookup - install water treatment devices at each dwelling or other place of use.
Vacuum Extract - use pumps or blowers to draw air through soil.
Vent Soil - bore holes in soil to allow volatilization of contaminants.
No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION
If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 944212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
5. Owner/responsible party.

COUNTY OF RIVERSIDE

OFFICE OF THE ASSESSOR

COUNTY ADMINISTRATIVE CENTER
4080 LEMON STREET
POST OFFICE BOX 12004
RIVERSIDE, CA 92502-2204
(909) 955-6262

RIVERSIDE COUNTY

QUICK FAX

RIVERSIDE COUNTY ASSESSOR-
COUNTY CLERK-RECORDER
SYSTEMS & 5TH FLOOR PERSONNEL
4080 LEMON STREET
POST OFFICE BOX 12004
RIVERSIDE, CA 92502-2204
FAX # (909) 955-6261

FOR IMMEDIATE DELIVERY

TO: DEPT.OF ENV.HEALTH- HAZ.MAT.MGMT.DIV. - ATTN: SHARON BOLTINGHOUSE - FAX#358-5017

FROM: PAULINE BREAULT DEPT: SYSTEMS

DATE OF TRANSMITTAL: 04/22/99

TOTAL NUMBER OF PAGES, INCLUDING COVER SHEET: X (1)

SPECIAL INSTRUCTIONS: RE: 1070 INDIAN CIRCLE,PERRIS 23480 RIDER ST.,PERRIS AND 1015 S. "G" ST.,PERRIS ARE NOT FOUND ON OUR DATABASE.

PLEASE NOTIFY US IMMEDIATELY IF NOT PROPERLY RECEIVED

BY CALLING: (909) 955-6262

GARY L. ORSO, ASSESSOR

REX L. JACKSON, ASSISTANT

dd/FAXCOVER.FRH

COUNTY OF RIVERSIDE • HEALTH SERVICES AGENCY

DEPARTMENT OF ENVIRONMENTAL HEALTH

FAX TRANSMISSION COVER SHEET

DATE: 4-22-99

TO: Dixie Davis

Assessor's Office

Fax telephone number: (909) 275-6261

FROM: Sharon Boltinghouse

Hazardous Materials Management Division

Account Code #5384

HANDLING INSTRUCTIONS: Please send **all** property owner and business owner printouts for the address(es) below. If the assessor number is not the same as the parcel number, please include the printouts for the parent tie to number.

SITUS: 1070 Indian Circle, Perris

23480 Rider St., Perris

1015 S. "G" St., Perris

SENT FROM FAX TELEPHONE NUMBER: (909) 358-5017

IF YOU HAVE ANY QUESTIONS, PLEASE CALL: (909) 358-5055

NUMBER OF PAGES FOLLOWING: Ø

John M. Fanning, Director
4065 County Circle Drive • Riverside, CA 92503 • Phone (909) 358-5316 • FAX (909) 358-5017
(Mailing Address – P.O. Box 7600 • Riverside, CA 92513-7600)

printed on recycled paper

P.01

SEND REPORT

APR-22-1999 THU 11:02 AM

#	DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
01	APR-21	02:44 PM	94877975	**'**"	0	SEND	BUSY	902	
02		03:16 PM	94870328	47"	2	SEND	OK	904	
03		03:20 PM	99559153	43"	2	SEND	OK	905	
04		03:23 PM	97819653	1'01"	3	SEND	OK	907	
05		03:30 PM	99559153	1'36"	3	SEND	OK	906	
06	APR-22	07:03 AM	56261	33"	1	SEND	OK	908	
07		07:29 AM	96988286	1'00"	3	SEND	OK	910	
08		07:31 AM	917605643110	**'**"	0	SEND	BUSY	909	
09		10:23 AM	915305423364	4'14"	7	SEND	OK	911	
10		10:36 AM	99559153	39"	2	SEND	OK	912	
			TOTAL:	10'33"	23				

GRAND TOTAL TIME: 38H 54M 7S PAGES: 4650

County of Riverside Health Services Agency

Department of Environmental Health
Hazardous Materials Management Division
Underground Storage Tank Closure Report

Facility Name: McAnally Enterprises, Inc. — Date: June 25, 98

Facility Address: 23480 Rider St., Perris — Plan Check #: 98 - 223

Facility Contact Person: Mr. Dan Brown — Phone: (909) 797 - 0144 — Facility #: 81997

Contractor: Fritz Thornburgh — Phone: (909) 885 - 7072 — # of Tanks Closed: 2

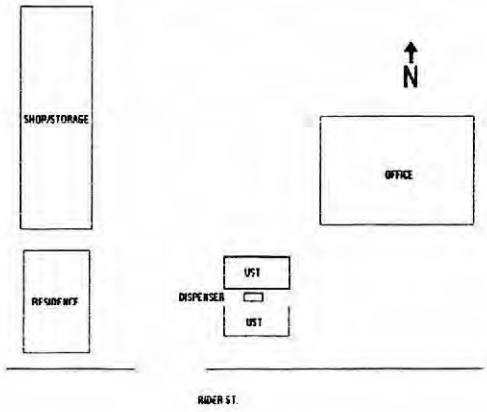
HMMS Personnel: P. Mitchell — # of Tanks Remaining: 0

REMOVAL

Tank #	Size	Contents	Appearance(Integrity)
1	10K	Diesel	Rusty
2	10K	Diesel	Rusty

UST(s) Rinsed: Yes
Rinsate Manifest #
Destination of Rinsate :
Hazardous Waste Hauler:
UST(s) Inerted: Yes
Destination of UST(s): AMR
Certificate of Destruction Requested: Yes

FACILITY MAP



SAMPLING INFORMATION

Tank #	Sample #	Depth	Description	Analysis
1	1 W end	2 ft		8015 Diesel
1	3 E. end	2 ft		" "
2	2 W. end	3 ft		" "
2	4 W. end	3 ft		" "

Depth to UST bottom:
Depth to groundwater:
Samples sealed and chilled:
Chain of Custody:
CA Certified Lab:
Status of excavated materials:
UAR Issued:
Referral to LOP: Yes

ADDITIONAL COMMENTS:

PIPING & DISPENSER SAMPLES

Tank #	Sample # (Pipe/Dispenser)	Depth	Description	Analysis

ADDITIONAL COMMENTS: _____

TEMPORARY CLOSURE

Tank contents removed:
Manifest #:
Hazardous Waste Hauler:
Witnessed sticking of empty UST(s):
Lock on fill cap(s):
Power disconnected:

ADDITIONAL COMMENTS: Two USTs used for the storage of diesel were removed and the dispenser. Each of the USTs had a light rust coat. The ground became hard to dig so the lower samples were taken just below the first samples. No diesel odor was detected until after we started to sample under the dispenser.

Del Mar Analytical

2852 Alton Ave., Irvine, CA 92606 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-3431

Geo-Sec, Inc.
237 South Waterman, Suite B
San Bernardino, CA 92408
Attention: Dianna Mower

Client Project ID: ~~80627~~ 80630 (Norco)
Analysis Method: EPA 3550/CA DHS Mod. 8015
First Sample #: C8061558

Sampled: Jun 25, 1998
Received: Jun 25, 1998
Extracted: Jun 30, 1998
Analyzed: Jul 2, 1998
Reported: Jul 3, 1998

EXTRACTABLE FUEL HYDROCARBONS (CA DHS Mod. EPA 8015)

Laboratory Number	Sample Description Soil	Sample Result mg/Kg (ppm)	Reporting Limit mg/Kg (ppm)	Dilution Factor	Hydrocarbon Type
C8061558	1-W. End 2'	N.D.	5.0	1.0	N.A.
C8061559	2-W. End 3'	N.D.	5.0	1.0	N.A.
C8061560	5-Dispenser	15,000	250	50	C8-C28
C8061561	4-E. End 2'	N.D.	5.0	1.0	N.A.
C8061562	3-E. End 3'	N.D.	5.0	1.0	N.A.
Method Blank		N.D.	5.0	1.0	N.A.

COPY

COPY

RECEIVED JUL 06 1998

REVIEWED BY: [signature] 7/6/98
DATE

Extractable Hydrocarbons are quantitated against a diesel fuel standard. Hydrocarbons detected by this method range from C8 to C40. Analytes reported as N.D. were not present at or above the reporting limit. Dilution factors are due to matrix effects and other factors.

DEL MAR ANALYTICAL (ELAP #1169)

[signature]
Cynthia E. Olson
Project Manager

Results pertain only to samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.

01/26/1999 09:22 9098857037 GEO SEC INC PAGE 02

Del Mar Analytical
2853 Alton Ave., Irvine, CA 92714 (714) 261-1022 FAX (714) 261-1228
1014 E. Cooley Dr. Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
10575 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
2465 W. 12th St., Suite 1, Tempe, AZ 85281 (602) 968-8272 FAX (602) 968-1538

CHAIN OF CUSTODY FORM

Client Name/Address:	Project/PO Number:
GEO-SEC, Inc.	~~98627~~ 80620
Project Manager/Phone Number:	**Sampler:**
Dionna 555-7972	

Sample Description	Sample Matrix	Container Type	#of Cont	Sampling Date/Time	Preservatives	Analysis Required: 8015diesel	Special Instructions
6/25/98 - 1 W. end 2'	S	4oz glass	1	12:00	--	X	
" - 2 W. end 3'	"	"	1	12:05	--	X	
" - 5 Dispenser	"	"	1	12:10	--	X	
" - 4 E. end 3'	"	"	1	12:20	--	X	
" - 3 E. end 3'	"	"	1	12:25	--	X	

COPY

COPY

RECEIVED JUL 06 1998 REVIEWED BY: DATE: 7/6/98

Relinquished By:	Date /Time:	Received by:	Date /Time:
[signature]	6/25/98 1515	[signature]	6/25/98 1515
Relinquished By: [signature]	Date /Time: 6-25-98 1535	Received by:	Date /Time:
Relinquished By:	Date /Time:	Received in Lab by: [signature]	Date /Time: 6.25.98 1535

Turnaround Time: (check)
same day ____ 72 hours ____
24 hours ____ 5 days ____
48 hours ____ normal X

Sample Integrity: [Check]
intact X on ice X

Note: Sample(s) will be disposed of after 30 days.

PAGE 03 GEO SEC INC 9098857037 01/26/1999 09:22

APPENDIX F
AERIAL PHOTOGRAPHS

Rider & Harvill Site

NEC of Rider St and Harvill Ave

Perris, CA 92570

Inquiry Number: 5884780.4

November 26, 2019

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

11/26/19

Site Name:

Rider & Harvill Site
NEC of Rider St and Harvill Av
Perris, CA 92570
EDR Inquiry # 5884780.4

Client Name:

APEX Environmental
15850 Crabbs Branch Way
Rockville, MD 20855
Contact: Tania Cowden

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
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1997	1"=500'	Flight Date: October 16, 1997	USGS
1994	1"=500'	Acquisition Date: June 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: February 24, 1985	USDA
1978	1"=500'	Flight Date: September 20, 1978	USDA
1974	1"=500'	Flight Date: November 06, 1974	USGS
1967	1"=500'	Flight Date: May 15, 1967	USDA
1961	1"=500'	Flight Date: June 14, 1961	USDA
1953	1"=500'	Flight Date: August 28, 1953	USDA
1949	1"=500'	Flight Date: May 08, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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INQUIRY #: 5884780.4
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 5884780.4
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 5884780.4
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 5884780.4
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 5884780.4
YEAR: 1997
= 500'
N
EDR



INQUIRY #: 5884780.4

YEAR: 1994

= 500'

N

EDR


INQUIRY #: 5884780.4
YEAR: 1990
= 500'
N
EDR



INQUIRY #: 5884780.4

YEAR: 1989

= 500'

N

EDR


INQUIRY #: 5884780.4
YEAR: 1985
= 500'
N
EDR


INQUIRY #: 5884780.4
YEAR: 1978
= 500'
N
EDR



INQUIRY #: 5884780.4

YEAR: 1974

= 500'

N

EDR


INQUIRY #: 5884780.4
YEAR: 1967
= 500'
N
EDR



INQUIRY #: 5884780.4

YEAR: 1961

= 500'

N

EDR


INQUIRY #: 5884780.4
YEAR: 1953
= 500'
N
EDR


INQUIRY #: 5884780.4
YEAR: 1949
= 500'
N
EDR



INQUIRY #: 5884780.4

YEAR: 1938

= 500'

N

EDR

APPENDIX G

TOPOGRAPHIC MAPS

Rider & Harvill Site
NEC of Rider St and Harvill Ave
Perris, CA 92570

Inquiry Number: 5884780.5
November 26, 2019

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

11/26/19

Site Name:	Client Name:
Rider & Harvill Site	APEX Environmental
NEC of Rider St and Harvill Av	15850 Crabbs Branch Way
Perris, CA 92570	Rockville, MD 20855
EDR Inquiry # 5884780.5	Contact: Tania Cowden

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by APEX Environmental were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	NA	**Latitude:**	33.831963 33° 49' 55" North
Project:	Duke-015	**Longitude:**	-117.2483 -117° 14' 54" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	477024.95
		UTM Y Meters:	3743552.34
		Elevation:	1510.00' above sea level

Maps Provided:

2012	1942
1979	1901
1978	
1973	
1967	
1953	
1947	
1943	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Perris
2012
7.5-minute, 24000



Steele Peak
2012
7.5-minute, 24000

1979 Source Sheets



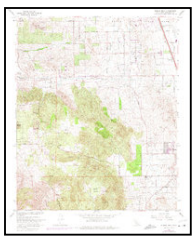
Perris
1979
7.5-minute, 24000
Aerial Photo Revised 1978

1978 Source Sheets



Steele Peak
1978
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets



Steele Peak
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Perris
1973
7.5-minute, 24000
Aerial Photo Revised 1973

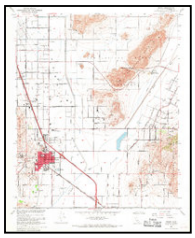
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1967 Source Sheets



Steele Peak
1967
7.5-minute, 24000
Aerial Photo Revised 1966



Perris
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1953 Source Sheets



Perris
1953
7.5-minute, 24000
Aerial Photo Revised 1951



Steele Peak
1953
7.5-minute, 24000
Aerial Photo Revised 1951

1947 Source Sheets



RIVERSIDE
1947
15-minute, 50000

1943 Source Sheets



PERRIS
1943
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1942 Source Sheets



Perris
1942
15-minute, 62500
Aerial Photo Revised 1939



Riverside
1942
15-minute, 62500
Aerial Photo Revised 1939

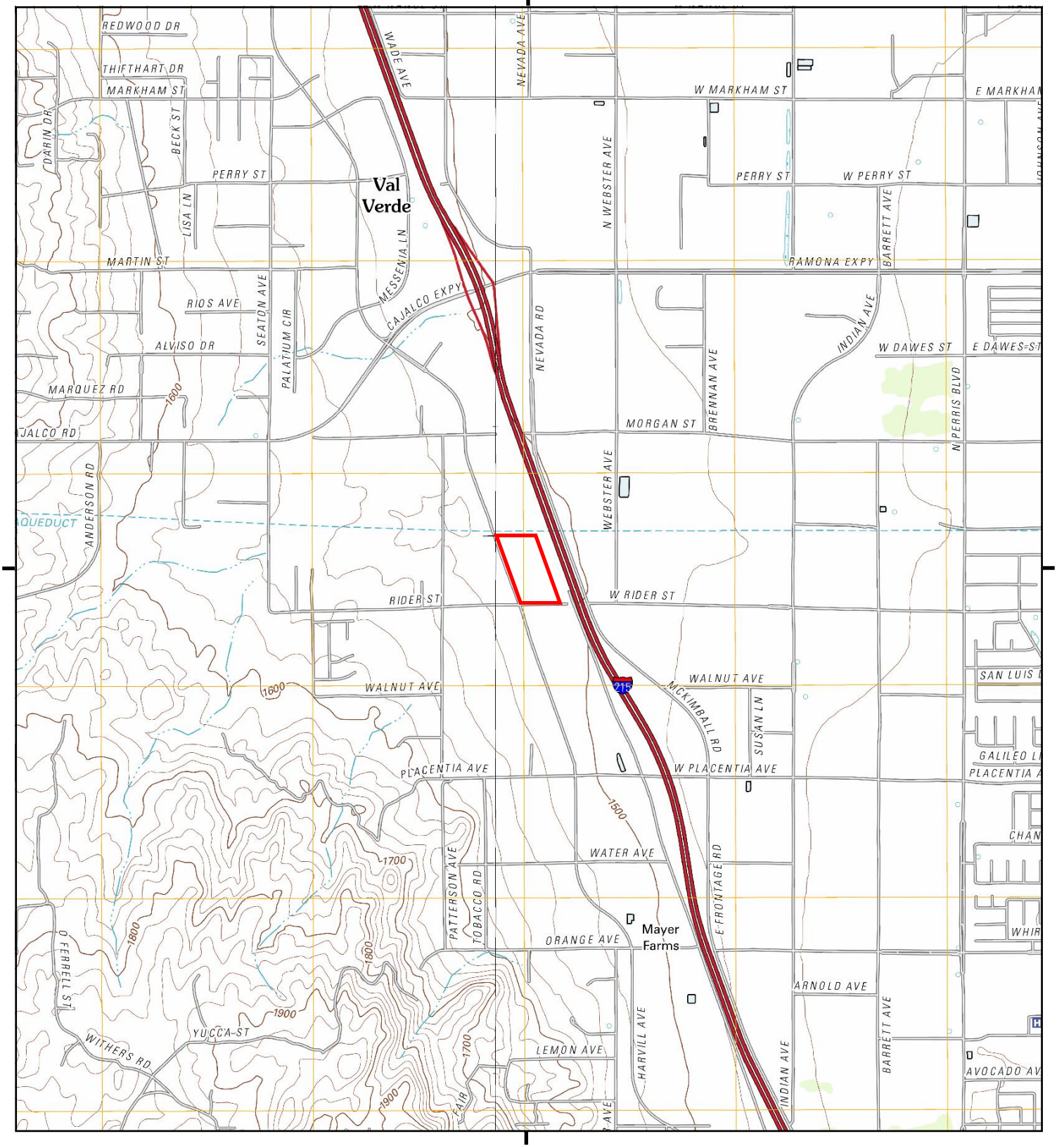
1901 Source Sheets



Riverside
1901
15-minute, 62500

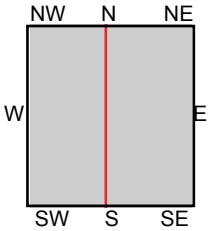
Historical Topo Map

2012



This report includes information from the following map sheet(s).

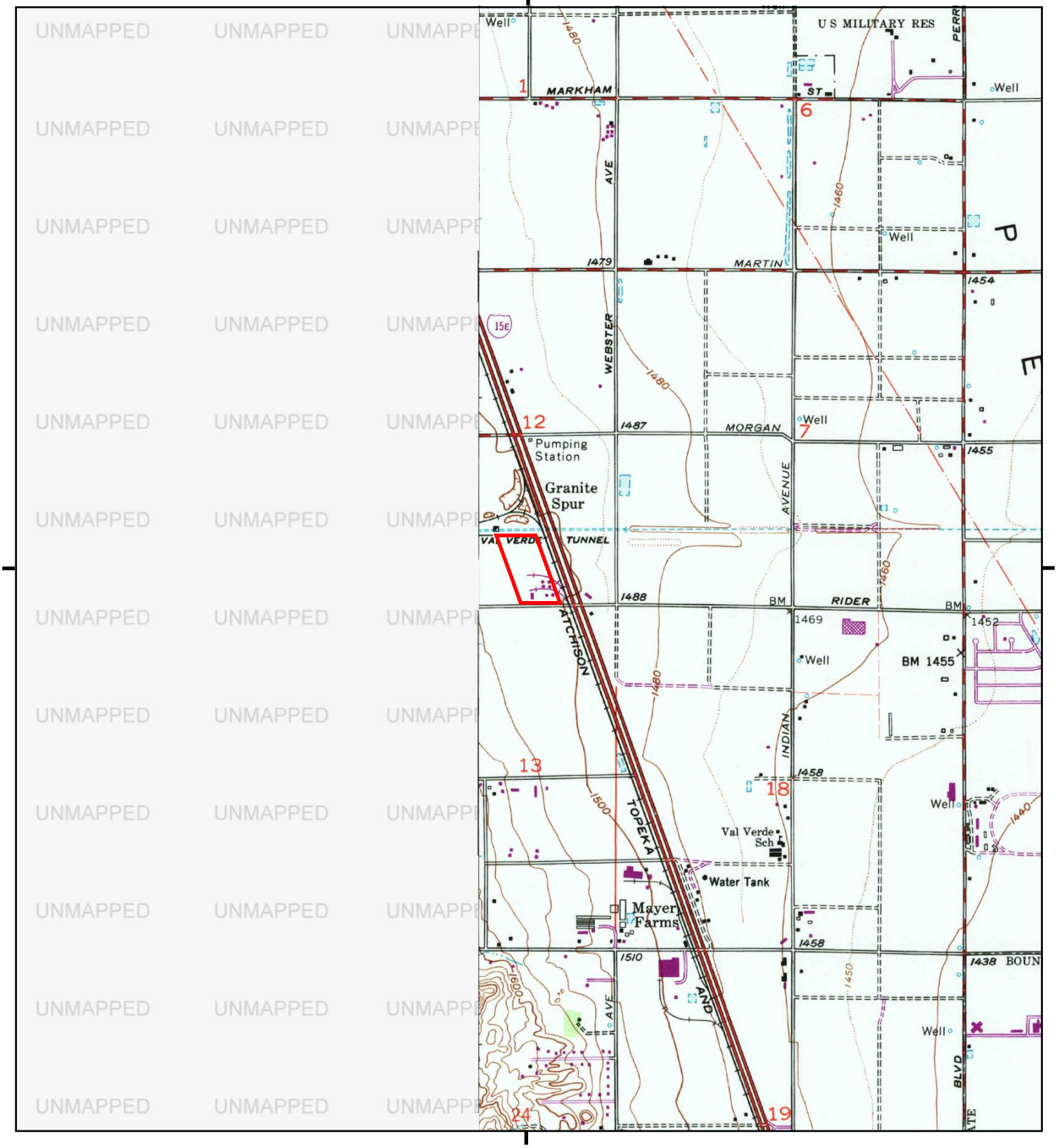
0 Miles 0.25 0.5 1 1.5



TP, Perris, 2012, 7.5-minute
W, Steele Peak, 2012, 7.5-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

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

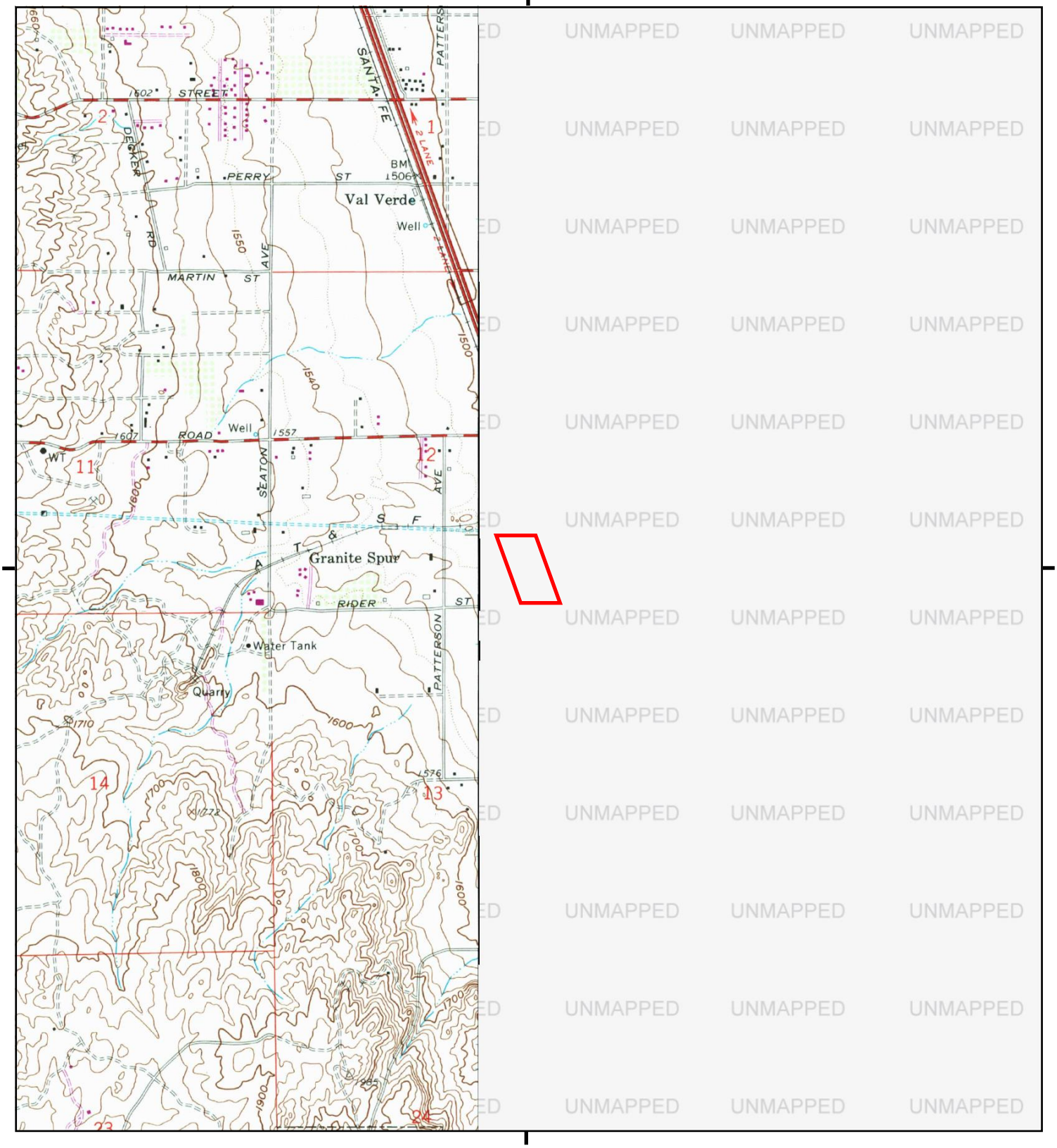
TP, Perris, 1979, 7.5-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

N

Historical Topo Map

1978



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

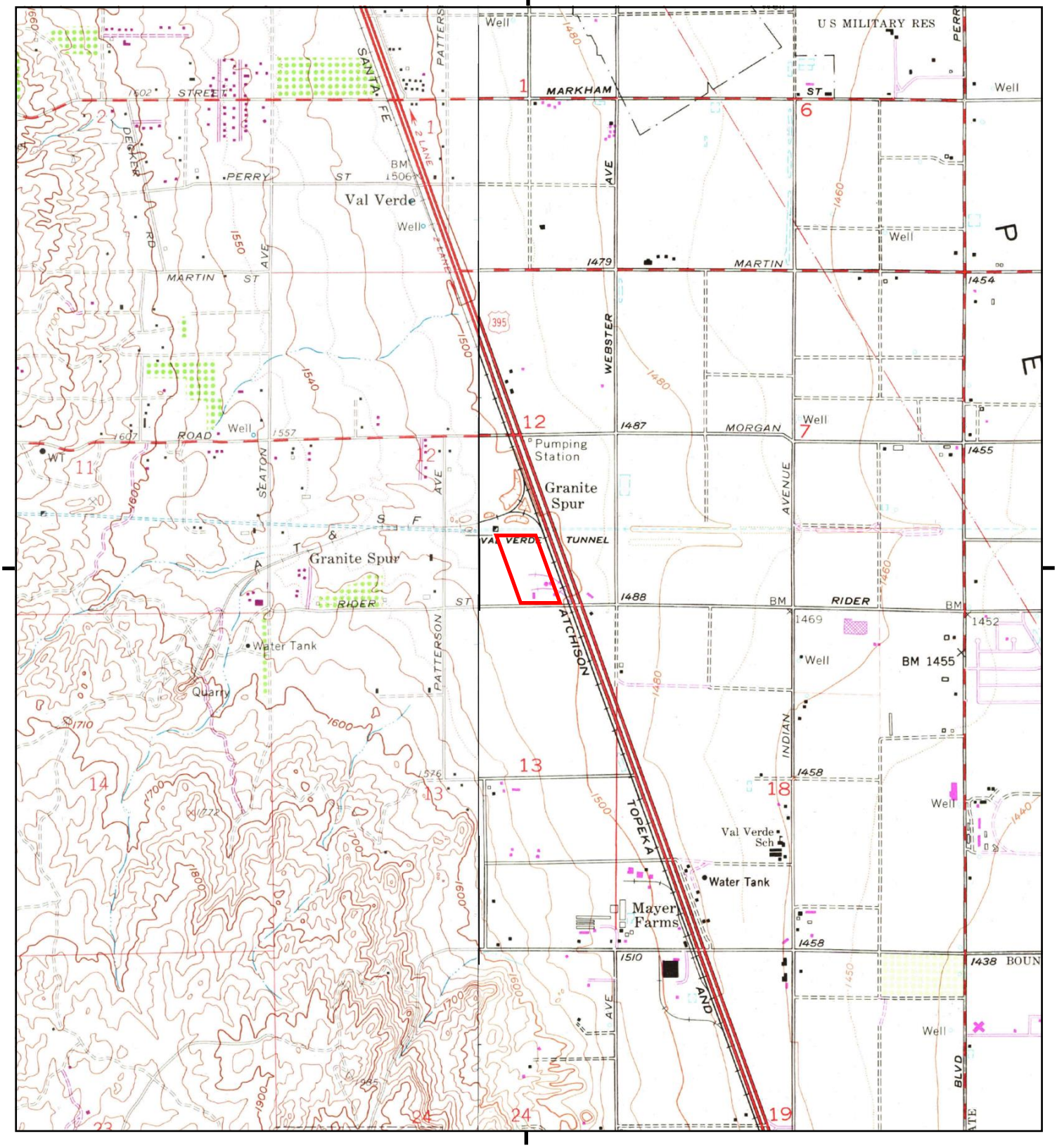
W, Steele Peak, 1978, 7.5-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

N

Historical Topo Map

1973



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

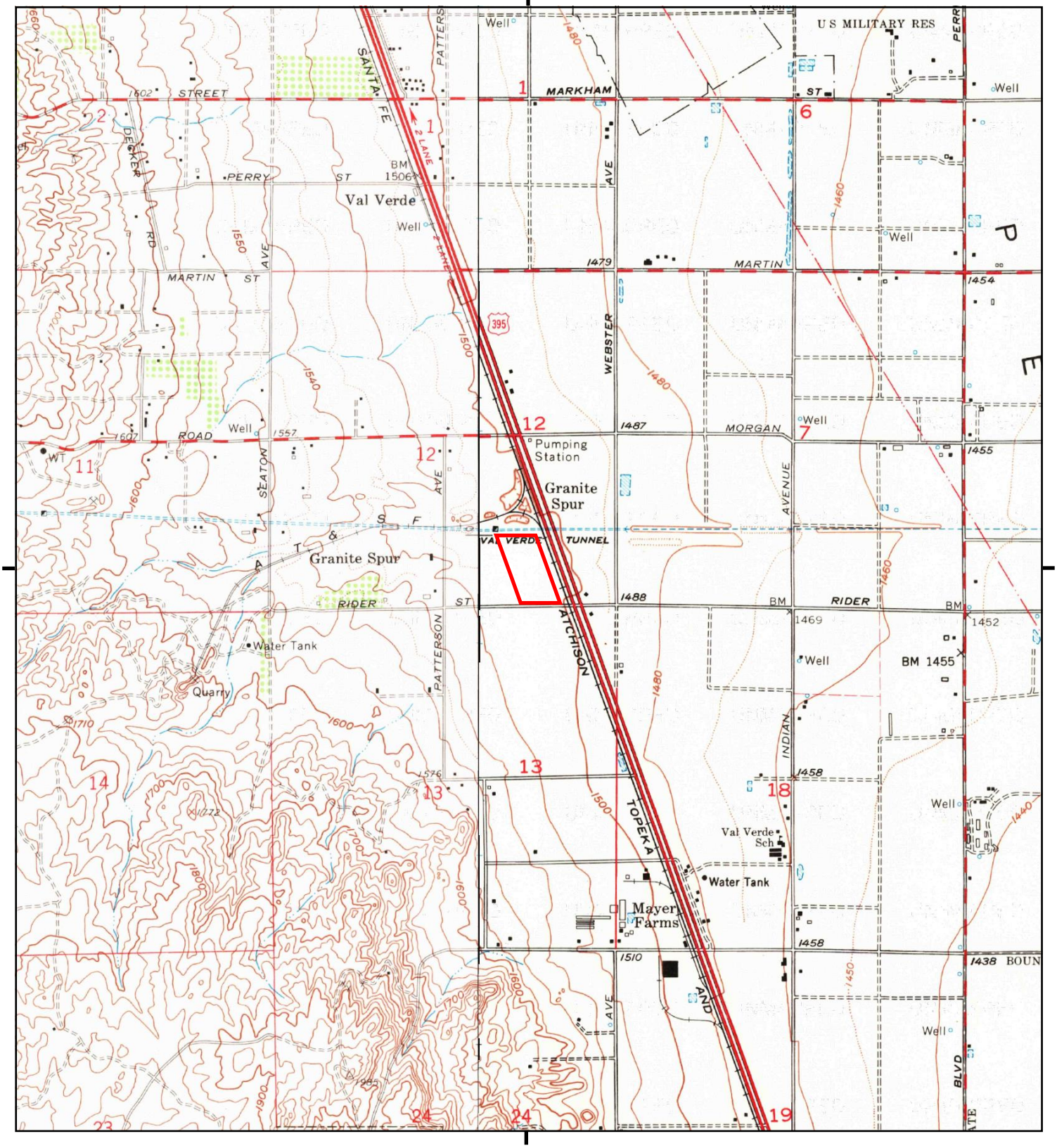
TP, Perris, 1973, 7.5-minute
W, Steele Peak, 1973, 7.5-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

N

Historical Topo Map

1967



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

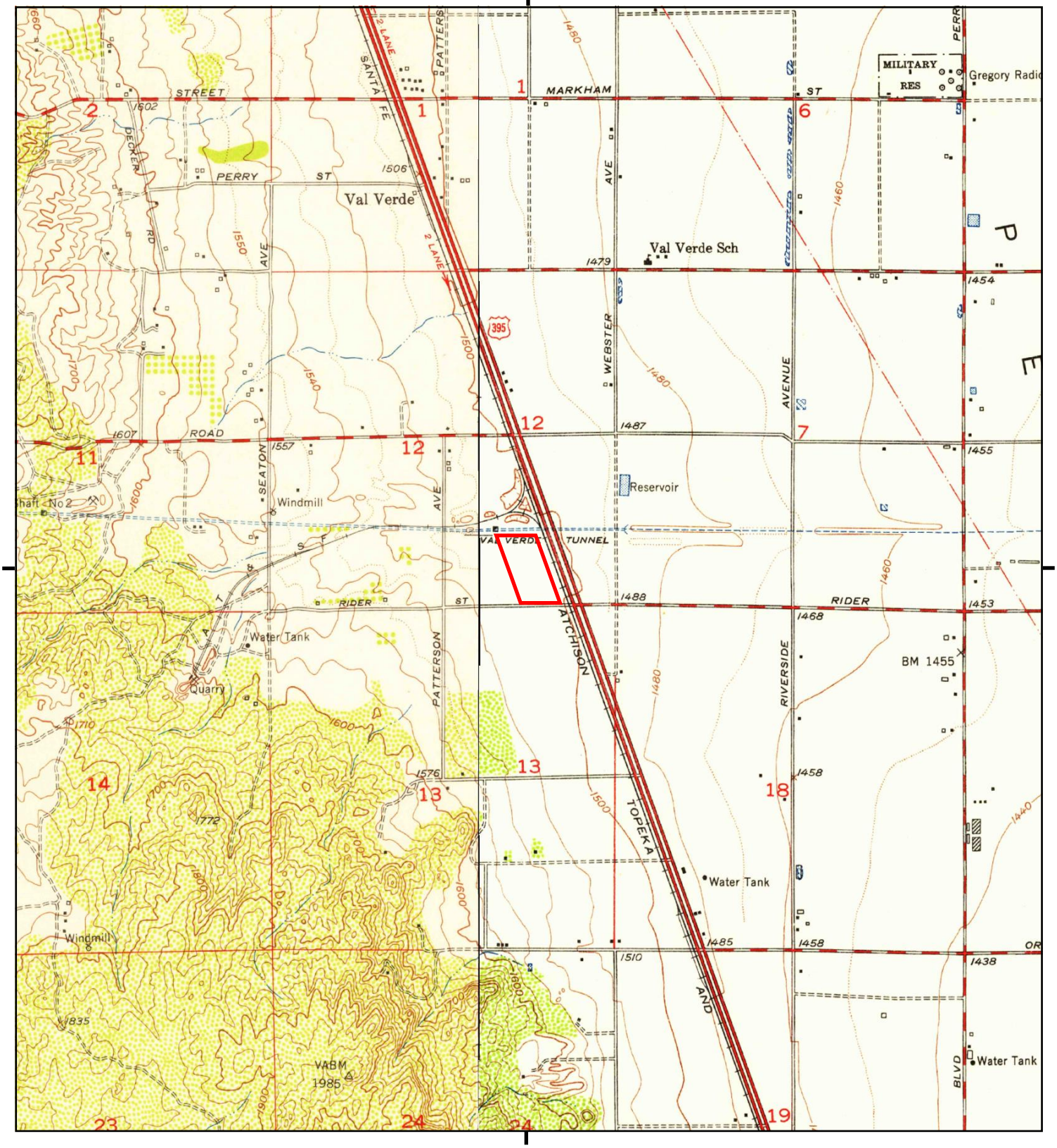
TP, Perris, 1967, 7.5-minute
W, Steele Peak, 1967, 7.5-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

N

Historical Topo Map

1953



This report includes information from the following map sheet(s).

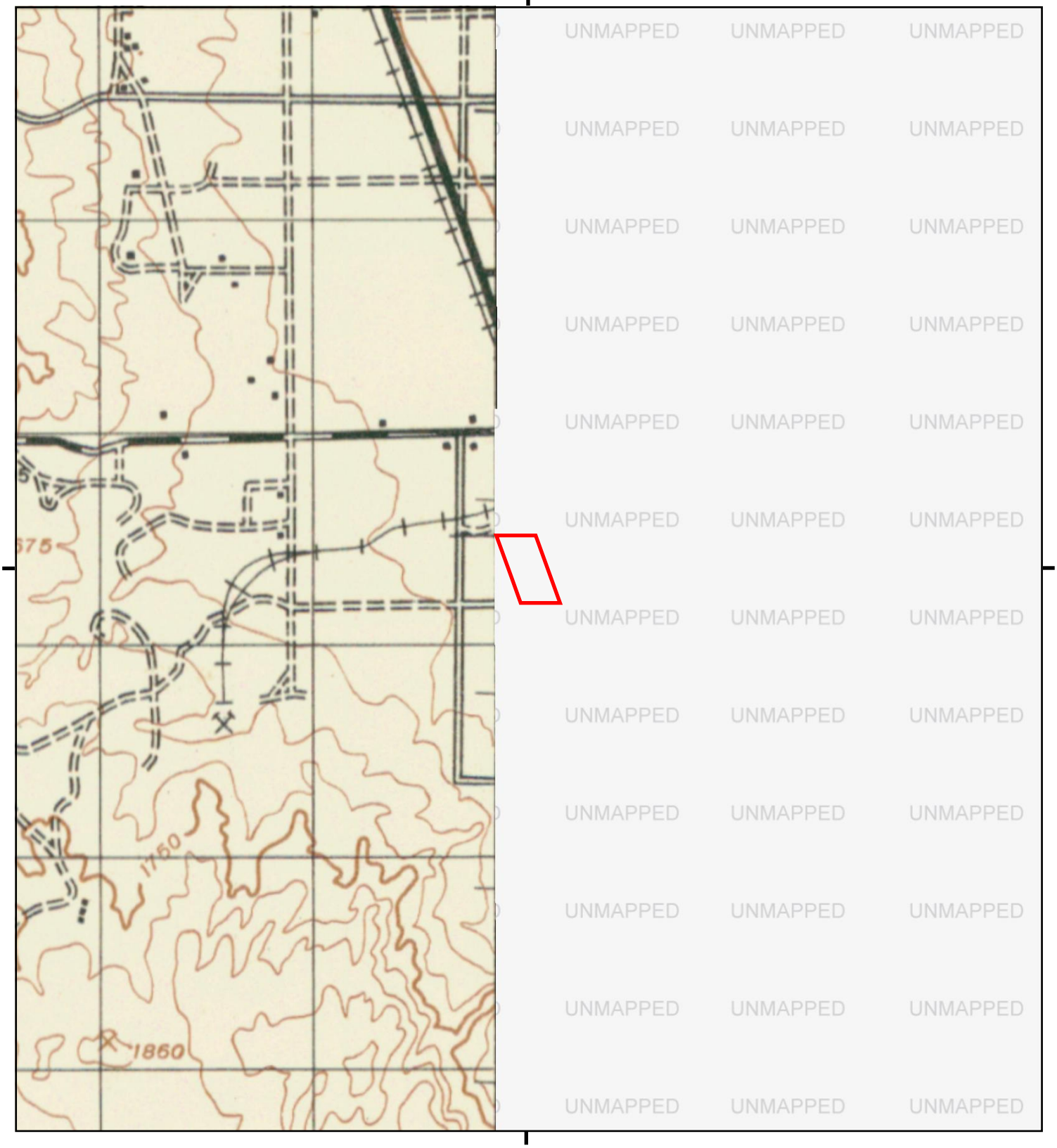
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1953, 7.5-minute
W, Steele Peak, 1953, 7.5-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

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

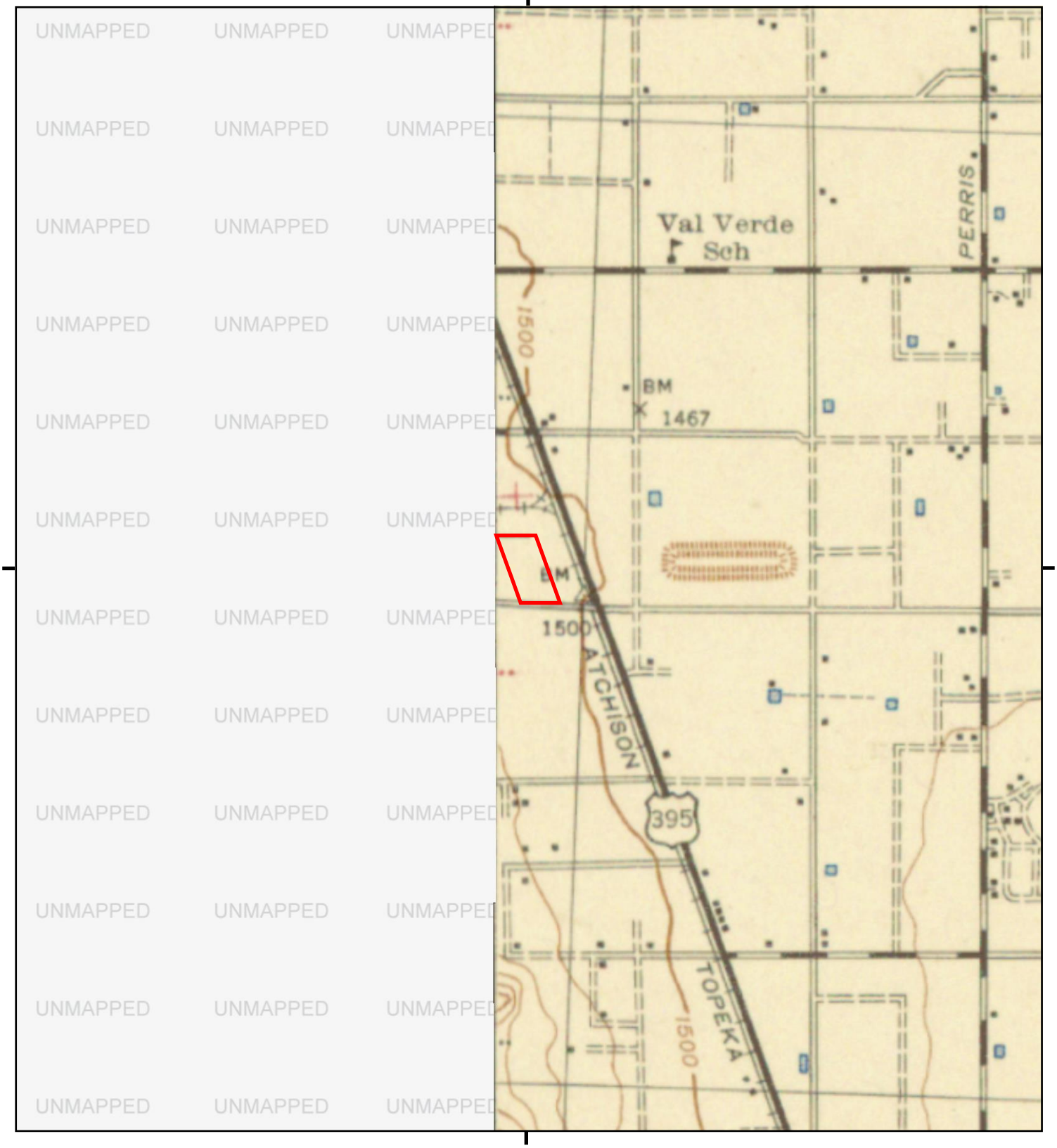
W, RIVERSIDE, 1947, 15-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

N

Historical Topo Map

1943



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

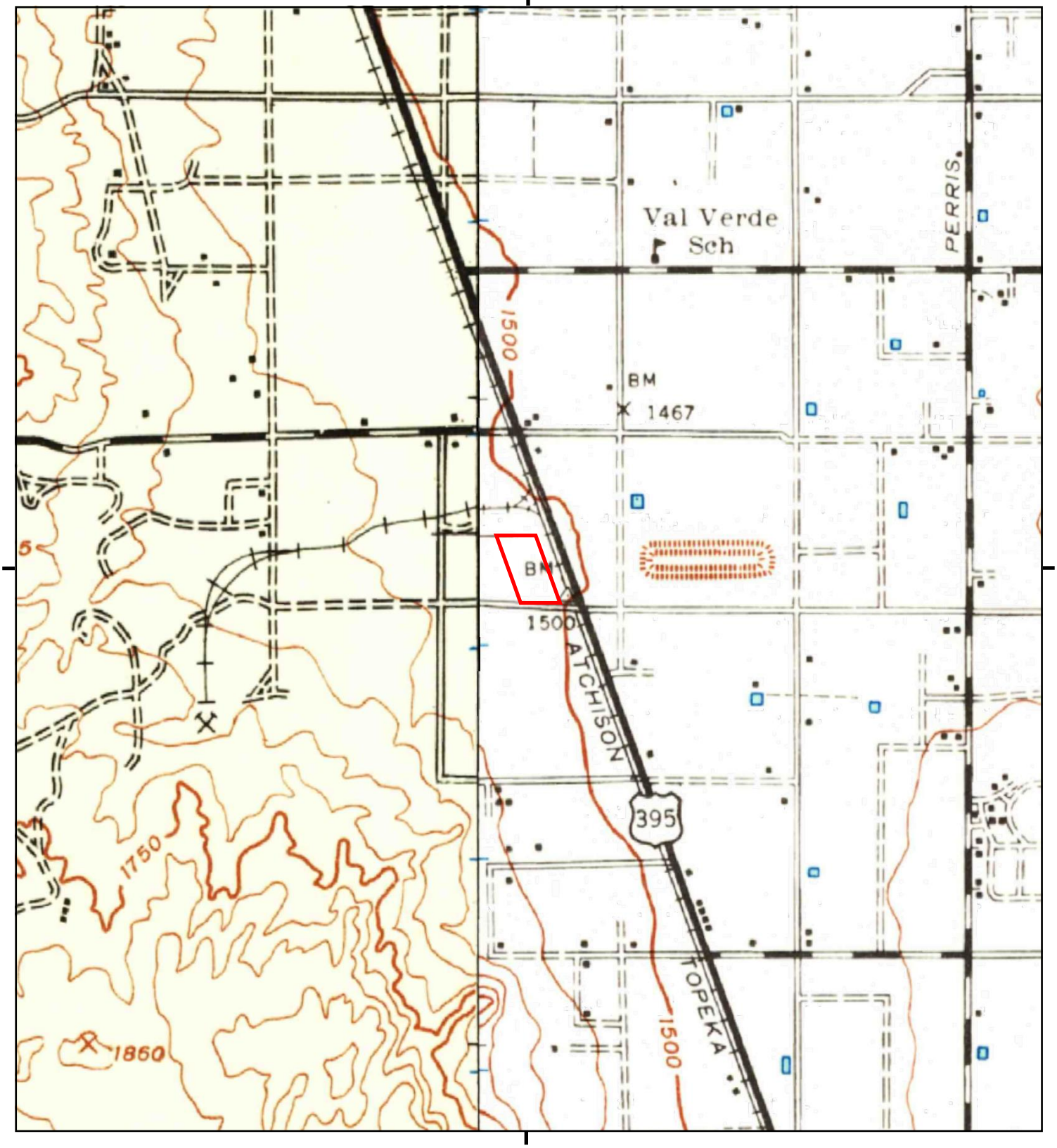
TP, PERRIS, 1943, 15-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

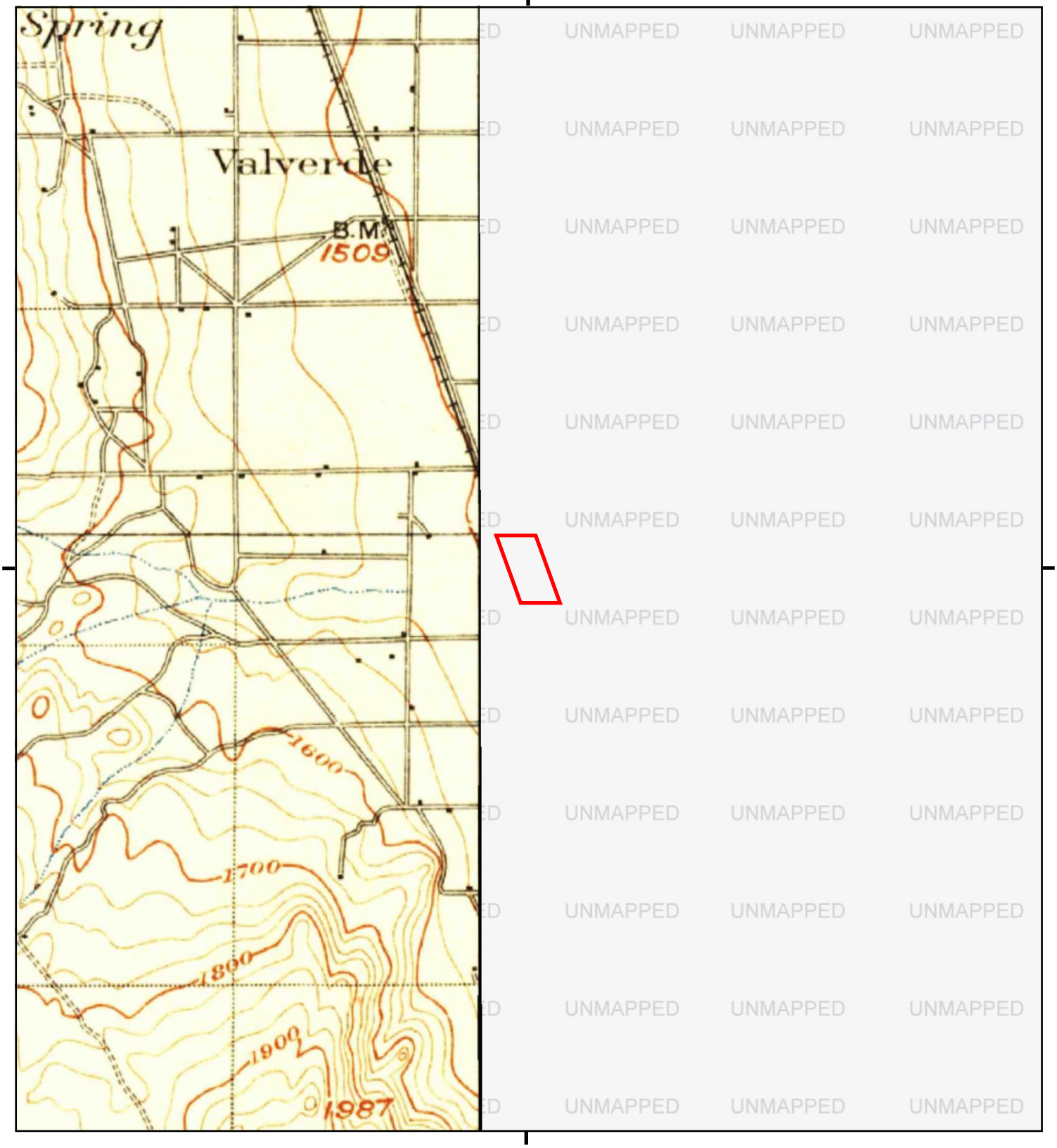
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1942, 15-minute
W, Riverside, 1942, 15-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

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

W, Riverside, 1901, 15-minute

SITE NAME: Rider & Harvill Site
ADDRESS: NEC of Rider St and Harvill Ave
Perris, CA 92570
CLIENT: APEX Environmental

N

APPENDIX H

CITY DIRECTORIES REPORT

Rider & Harvill Site
NEC of Rider St and Harvill Ave
Perris, CA 92570

Inquiry Number: 5884780.14
December 03, 2019

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

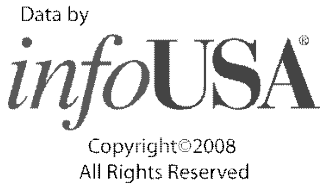
DESCRIPTION

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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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
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1987	☐	☐	EDR Digital Archive
1982	☑	☐	EDR Digital Archive
1977	☑	☐	EDR Digital Archive
1971	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

NEC of Rider St and Harvill Ave
Perris, CA 92570

Year	*CD Image*	*Source*	
HARVILL AVE			
2014	pg A1	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2005	pg A5	EDR Digital Archive	
2000	-	EDR Digital Archive	Target and Adjoining not listed in Source
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source
1987	-	EDR Digital Archive	Target and Adjoining not listed in Source
1982	-	EDR Digital Archive	Target and Adjoining not listed in Source
1977	-	EDR Digital Archive	Target and Adjoining not listed in Source
1971	-	Haines Criss-Cross Directory	Street not listed in Source
RIDER ST			
2014	pg A2	EDR Digital Archive	
2010	pg A4	EDR Digital Archive	
2005	pg A6	EDR Digital Archive	
2000	pg A7	EDR Digital Archive	
1995	pg A8	EDR Digital Archive	
1992	pg A9	EDR Digital Archive	
1982	pg A10	EDR Digital Archive	
1977	pg A11	EDR Digital Archive	
1971	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HARVILL AVE 2014

13810	EXEL
17789	MENASHA CORPORATION
19052	UNIVERSAL SPECIALTY VEHICLES
19248	JOE 76 & CIRCLE K
	MI RANCHO TACOS PIZZA
20281	DOUGH PRO
	PROPROCESS CORPORATION
	STEARNS PRODUCT DEV CORP
20343	HARVILL AVE INDSTRL CTR OWNERS
	PREMIER LAMINATING SVCS INC
21366	ALL STARS SKILLS FACILITY INC
21382	OCCUPANT UNKNOWN,
21398	OCCUPANT UNKNOWN,
21414	OCCUPANT UNKNOWN,
21446	MENDOZA, ANNETTE
21478	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 2014

23615	ESCHRICH, CHARLES H
23711	J-M MANUFACTURING COMPANY INC
	PW EAGLE INC
23840	MCANALLY ENTERPRISES INC
23842	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HARVILL AVE 2010

17800 AUCTION CO
MARK GORIN
19052 UNIVERSAL SPECIALTY VEHICLES
19248 FAYEZ MONA
JOE 76 & CIRCLE K
JUANITA MERCADO COVARRUBIAS
MI RANCHO TACOS PIZZA
PERRIS CAFE & GRILL
20281 DOUGH PRO
PROPROCESS CORPORATION
STEARNS PRODUCT DEV CORP
20343 HARVILL AVE INDSTRL CTR OWNERS
PREMIER LAMINATING SVCS INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 2010

23711 J-M MANUFACTURING COMPANY INC
PACIFIC WESTERN EXTRUDED
PW EAGLE INC
23840 MCANALLY ENTERPRISES INC
23842 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

HARVILL AVE 2005

19052 UNIVERSAL SPECIALTY VEHICLES
19248 FAYEZ MONA
JOE 76 & CIRCLE K
20281 REO METAL FABRICATORS INC
20343 PREMIER LAMINATING SERVICES

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 2005

23615 WILLIAMS, JOHN P
23711 PW EAGLE INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 2000

23711 PW EAGLE INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 1995

23615 HILL, DOUGLAS M
23711 PACIFIC WESTERN EXTRUDED PLAS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 1992

23615 HILL, DOUGLAS M
23711 PACIFIC WESTERN EXTRUDED PLAS

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 1982

23840 MC ANALLY ENTERPRISES INC

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

RIDER ST 1977

23840 MC ANALLY EGG ENTERPRISES

APPENDIX I

FIRE INSURANCE MAPS

Rider & Harvill Site

NEC of Rider St and Harvill Ave

Perris, CA 92570

Inquiry Number: 5884780.3

November 26, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/26/19

Site Name:

Rider & Harvill Site
NEC of Rider St and Harvill Ave
Perris, CA 92570
EDR Inquiry # 5884780.3

Client Name:

APEX Environmental
15850 Crabbs Branch Way
Rockville, MD 20855
Contact: Tania Cowden

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by APEX Environmental were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 3D32-4AAA-91E0

PO # NA

Project Duke-015

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 3D32-4AAA-91E0

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APEX Environmental (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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APPENDIX J

BUILDING PERMITS REPORT

Rider & Harvill Site
NEC of Rider St and Harvill Ave
Perris, CA 92570

Inquiry Number: 5884780.10
November 26, 2019

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILDFAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of APEX Environmental on Nov 26, 2019.

TARGET PROPERTY

NEC of Rider St and Harvill Ave
Perris, CA 92570

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Riverside County

Year	*Source*	*TP*	*Adjoining*
2019	Riverside County, Building and Safety		
2018	Riverside County, Building and Safety		
2017	Riverside County, Building and Safety		
2016	Riverside County, Building and Safety		
2015	Riverside County, Building and Safety		
2014	Riverside County, Building and Safety		
2013	Riverside County, Building and Safety		X
2012	Riverside County, Building and Safety		
2011	Riverside County, Building and Safety		
2010	Riverside County, Building and Safety		
2009	Riverside County, Building and Safety		
2008	Riverside County, Building and Safety		
2007	Riverside County, Building and Safety		X
2006	Riverside County, Building and Safety		
2005	Riverside County, Building and Safety		
2004	Riverside County, Building and Safety		X
2003	Riverside County, Building and Safety		
2002	Riverside County, Building and Safety		
2001	Riverside County, Building and Safety		
2000	Riverside County, Building and Safety		X
1999	Riverside County, Building and Safety		
1998	Riverside County, Building and Safety		X
1997	Riverside County, Building and Safety		
1996	Riverside County, Building and Safety		X
1995	Riverside County, Building and Safety		
1994	Riverside County, Building and Safety		X
1993	Riverside County, Building and Safety		
1992	Riverside County, Building and Safety		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1991	Riverside County, Building and Safety		X
1990	Riverside County, Building and Safety		
1989	Riverside County, Building and Safety		
1988	Riverside County, Building and Safety		X
1987	Riverside County, Building and Safety		X
1986	Riverside County, Building and Safety		
1985	Riverside County, Building and Safety		
1984	Riverside County, Building and Safety		
1983	Riverside County, Building and Safety		
1982	Riverside County, Building and Safety		
1981	Riverside County, Building and Safety		
1980	Riverside County, Building and Safety		
1979	Riverside County, Building and Safety		
1978	Riverside County, Building and Safety		
1977	Riverside County, Building and Safety		
1976	Riverside County, Building and Safety		
1975	Riverside County, Building and Safety		
1974	Riverside County, Building and Safety		
1973	Riverside County, Building and Safety		
1972	Riverside County, Building and Safety		
1971	Riverside County, Building and Safety		
1970	Riverside County, Building and Safety		
1969	Riverside County, Building and Safety		
1968	Riverside County, Building and Safety		
1967	Riverside County, Building and Safety		
1966	Riverside County, Building and Safety		
1965	Riverside County, Building and Safety		
1964	Riverside County, Building and Safety		
1963	Riverside County, Building and Safety		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Riverside County
Years: 1963-2019
Source: Riverside County, Building and Safety, PERRIS, CA
Phone: (951) 955-6742

Name: Perris
Years: 2007-2019
Source: City of Perris, Development Services, PERRIS, CA
Phone: (951) 443-1029

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

NEC of Rider St and Harvill Ave
Perris, CA 92570

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

RIDER ST

23711 RIDER ST

Date:	**7/11/2007**
Permit Type:	**TI**
Description:	**TI-PW EAGLE-2ND FLR MEZZ ADD/320 SF MODULAR OFFICE**
Permit Description:	**TENANT IMPROVEMENT**
Work Class:	
Proposed Use:	
Permit Number:	BTI060323
Status:	EXPIRED
Valuation:	$68,633.60
Contractor Company:	
Contractor Name:	

Date:	**7/11/2000**
Permit Type:	**GCOM**
Description:	**GRADING PLAN FOR 12,800 SQ FT COMM BLDG.(PP09997)**
Permit Description:	**GRADING: COMMERCIAL/INDUSTRIAL**
Work Class:	
Proposed Use:	
Permit Number:	BGR000494
Status:	EXPIRED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **11/2/1998**
Permit Type: **ELEC**
Description: **ELECTRICAL UPGRADE 400 AMP**

Permit Description: **ELECTRICAL WORK ONLY**
Work Class:
Proposed Use:
Permit Number: BEL981397
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **3/20/1996**
Permit Type: ********
Description: **OVERTIME - 4 INSPECTION HRS**

Permit Description: **HISTORICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 406048
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/13/1994**
Permit Type: **ARES**
Description: **ADDITION OF 6 SILOS**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 387580
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/9/1992**
Permit Type: **MOVE**
Description: **ADD GAS LINE TO EXISTING COMM BLDG**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 342595
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/25/1992**
Permit Type: **NCOM**
Description: **CONST STORAGE RACK SYSTEM/WAREHOUSE**

Permit Description: **NEW COMMERCIAL**
Work Class:
Proposed Use:
Permit Number: 341728
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **1/30/1992**
Permit Type: ****
Description: **TEMP POWER**

Permit Description: **HISTORICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 333126
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **11/21/1991**
Permit Type: **GRAD**
Description: **GRADING - 1 COMM'L LOT**

Permit Description: **GRADING INSPECTION**
Work Class:
Proposed Use:
Permit Number: 330085
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **11/21/1991**
Permit Type: **NCOM**
Description: **WAREHOUSE**

Permit Description: **NEW COMMERCIAL**
Work Class:
Proposed Use:
Permit Number: 330083
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **7/11/1991**
Permit Type: **ARES**
Description: **COMM. ADD. TO SILO**

Permit Description:
Work Class:
Proposed Use:
Permit Number: 321888
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/25/1988**
Permit Type: ****
Description: **TEMP USE OF PERM POWER**

Permit Description: **HISTORICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 190047
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/28/1987**
Permit Type: ****
Description: **TEMP CONST TRAILER**

Permit Description: **HISTORICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 178254
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/3/1987**
Permit Type: ****
Description: **TEMP POWER POLE**

Permit Description: **HISTORICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 176626
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **11/12/1987**
Permit Type: ****
Description: **MFG BLDG-PVC PIPE**

Permit Description: **HISTORICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 171501
Status: FINALED
Valuation: $0.00
Contractor Company:
Contractor Name:

23840 RIDER ST

Date: **11/12/2013**
Permit Type: **BRI**
Description: **REQUEST FOR RECORDS**

Permit Description:
Work Class:
Proposed Use: BUILDING RECORDS INQUIRY
Permit Number: BRI131408
Status: PAID
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/24/2004**
Permit Type: **OTHR**
Description: **REPLACE DUST COLLECTOR (EX FEEDMILL FOR EGG PRODCR**

Permit Description: **OTHER CONSTRUCTION**
Work Class:
Proposed Use:
Permit Number: BXX049624
Status: FINAL
Valuation: $120,000.00
Contractor Company:
Contractor Name:

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.