

# Phase I Environmental Site Assessment

Assessor Parcel Number 841-69-039  
Camino Arroyo  
Gilroy, California

Prepared for:  
Arup Partners US on behalf of  
Amazon Web Services

3 January 2020

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# Executive Summary



ERM-West, Inc. (“ERM”) , on behalf of Amazon Web Services (“AWS” or “Client”), conducted a Phase I Environmental Site Assessment (“ESA”) of the property located at Assessor Parcel Number 841-69-039 on Camino Arroyo in Gilroy, California (the “Site” or “Subject Property”). The Phase I ESA was conducted in accordance with the scope and limitations of ASTM International Standard E-1527-13 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (“E1527-13”). Exceptions to, or deletions from, E1527-13 are described in Section 1.3.4 of this report.

The Site visit was performed on 3 October 2019 by ERM assessor Ms. Ariana Jensen. The Site consists of one approximately 56.33-acre irregular shaped parcel of agricultural land. Based on a review of available history sources, the Site has consisted of agricultural land since at least 1939. No prior buildings are known to have been constructed on the Subject Property with the exception of a small structure on the northwest quadrant of the Site that was visible in historical aerial photographs from 1939 to 1982.

ERM has identified the following conclusions associated with the Site (full details are provided in the appropriate sections of this report, as noted below):

Summary of Identified Findings
<b>ASTM E1527-13 Findings</b>
<b>Recognized Environmental Conditions (RECs)<sup>1</sup></b>
<p><i>Agricultural Use:</i> The Site has been used for agricultural use from before the 1939 to present. ERM collected 60 soil samples (composited into 15 samples for analysis) in November 2019. Laboratory analytical data from the soil samples collected at the Site identified the following pesticides in shallow soil samples: Organochlorine pesticides (DDD, DDE, DDT, dieldrin and toxaphene). Of these only dieldrin was detected above conservative risk-based groundwater leaching Environmental Screening Levels (ESLs) issued by the Regional Water Quality Control Board. All pesticides were below the commercial land use and construction worker ESLs.</p> <p>Herbicides, organophosphorus pesticides, and perchlorate were not detected in soil samples. Heavy metals were detected in soil either below ESLs or within the natural background concentrations.</p> <p>Based on the results of the soil samples collected and evaluated against the selected screening criteria, ERM did not identify significant impacts to surface soils for the sampled analytes, which would preclude the continued or future use of the Subject Property for commercial/industrial purposes. Although the presence of residual pesticides is typical of agricultural soil, the presence of dieldrin above the soil leaching to groundwater ESL suggests that regulatory agency concurrence or mitigation measures may be required. The presence of residual pesticides and low levels of TPH in shallow soil is consistent with past historical use and is typically considered a <i>de minimis</i> condition; however, because some soil samples exceed screening criteria these pesticide impacts represent a potential REC.</p>

<sup>1</sup> Key ASTM definitions, including REC, CREC, HREC and de minimis condition are provided in Section 8

## Summary of Identified Findings

*Soil Piles:* Two soil piles are currently located in the northeast and southwest portions of the Site, respectively. According to the Site representative, the northeast soil pile originates from off-site excavation and the southwest soil pile originates from on-Site grading activities. No soil analytical data or documentation regarding the origin of the piles has been provided to ERM to date; therefore, ERM collected four soil samples from the soil piles for laboratory analysis in November 2019.

Organochlorine pesticides (DDD, DDE, DDT, dieldrin and toxaphene) and total petroleum hydrocarbons (TPH) were detected in soil from the soil piles at concentrations well below ESLs. Herbicides, organophosphorus pesticides, and perchlorate were not detected in soil samples. Heavy metals were detected in soil either below ESLs or within the natural background concentrations.

Based on the results of the soil samples collected and evaluated against the selected screening criteria, ERM did not identify significant impacts to soil pile soils for the sampled analytes, which would preclude the continued or future use of the Subject Property for commercial/industrial purposes. Although the presence of residual pesticides is typical of agricultural soil, the presence of dieldrin above the soil leaching to groundwater ESL suggests that regulatory agency concurrence or mitigation measures may be required. The presence of residual pesticides and low levels of TPH in shallow soil is consistent with past historical use and is typically considered a *de minimis* condition; however, because some soil samples exceed screening criteria these pesticide impacts represent a potential REC.

### Controlled Recognized Environmental Conditions (CRECs)<sup>1</sup>

No CRECs were identified in connection with the Subject Property.

### Historical Recognized Environmental Conditions (HRECs)<sup>1</sup>

No HRECs were identified in connection with the Subject Property.

### De Minimis Conditions<sup>1</sup>

No *de minimis* conditions were identified.

### Non-ASTM E1527-13 Issues:

### Other Potential Issues

*Groundwater Wells:* ERM observed a feature on the northwest portion of the Site that was identified as a pad for a historical groundwater well. ERM obtained well closure documentation from the Santa Clara Valley Water District that shows that the well was pressure grouted with cement, as required. In addition, two state groundwater wells were mapped on the Site by Environmental Data Resources (EDR); however, these were reported to be located south of the Site. The closed well is not considered a material issue for future development.

*Off-Site Groundwater Impacts:* The Site is located in a valley with groundwater that has been impacted by perchlorate originating from the Olin Corporation facility located approximately 9 miles to the northwest. The groundwater plume has been extensively investigated with a network of groundwater wells and groundwater remediation and source control are ongoing under Regional Water Quality Control Board oversight. Based on the Annual Cleanup Status Report and other investigation documents it appears that groundwater flow in the area is to the southeast generally towards the Site. Groundwater monitoring wells located approximately 2 miles upgradient of the Site had concentrations of perchlorate ranging from 1.6 and 3.2 µg/L, well below the most conservative (Tier 1) ESL for

### **Summary of Identified Findings**

perchlorate in groundwater (6 µg/L). In addition, the concentrations in the wells on the downgradient edge of the plume were reported to be stable or decreasing as a result of the ongoing remediation. In summary, it does not appear that the perchlorate plume has significantly impacted the Site, nor does it appear that it represents a significant impact at the Site based on declining concentrations at the downgradient edge of the plume and continued regulatory agency oversight.

# 1. Introduction and Background



## 1.1 Purpose and Auditors

ERM-West, Inc. (“ERM”) conducted a Phase I Environmental Site Assessment (“ESA”) of the property located at Assessor Parcel Number 841-69-039 on Camino Arroyo in Gilroy, California (the “Site” or “Subject Property for Arup Partners US on behalf of Amazon Web Services (“AWS” or “Client”). The environmental assessment was performed in anticipation of a potential transaction involving the Site.

The Site visit was performed on 3 October 2019 by ERM assessor, Ms. Ariana Jensen. ERM was accompanied during a portion of the Site visit by Mr. Craig Filice, Partner with the current property owner, Southpoint Business Park Associates.

The “User” of this Phase I ESA report, as prescribed under ASTM International (ASTM) Standard E-1527-13; *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (“E-1527-13”) is defined as AWS.

## 1.2 Scope of Work

This environmental assessment was conducted in conformance with the requirements of ASTM E1527-13. Exceptions to, or deletions from, E1527-13 are described in Section 1.3.4 of this report.

ERM’s Phase I ESA sought to gather information regarding: (1) current and past property uses and occupancies; (2) current and past use of hazardous substances and petroleum products; (3) waste management and disposal activities that could have caused a release or threatened release of hazardous substances; (4) current and past corrective actions and response activities to address past and on-going releases of hazardous substances at the Subject Property; and (5) properties adjoining or located near the Subject Property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the Subject Property.

The scope of this Phase I ESA included:

- An onsite inspection to evaluate current conditions and identify areas of potential concern;
- A review of the history of the Subject Property and its vicinity through interviews and a review of various historical sources;
- Observation of adjoining properties and properties in the local area to evaluate the potential for adverse environmental impact to the Subject Property;
- Interviews/research of local city/county, tribal, state, and federal records, including contracting of Environmental Data Resources, Inc. (EDR) to identify regulatory listings for the Site and regulatory-listed facilities in the vicinity of the Site, as required in the regulatory records review section of the ASTM E1527-13; and
- Interviews and/or requests for information from the User and Subject Property owner, as deemed appropriate by the Environmental Professional.

## 1.3 Limiting and Special Conditions

### 1.3.1 Limiting Conditions during the Site Visit

No significant limiting conditions were encountered during the Site visit. Portions of the Site were vegetated or covered with soil piles.

### 1.3.2 Data Gaps

The following table summarizes the data gaps identified during the Site assessment.

**Table 1-1 Data Gap Summary**

Data Gap / Failure	Sources Consulted to Address Data Gap	Significance*
ERM did not interview the former Subject Property owner(s) or operators because contact information was not readily available.	Interviews with Site personnel familiar with the Subject Property history, in addition to review of historical maps, photographs, and regulatory information.	Non-significant
A Chain-of-Title, including a search for environmental liens, was not provided for review by the client.	Interviews with Site personnel familiar with the Subject Property history, in addition to review of historical maps, photographs, and regulatory information.	Non-significant

\* “*Significance*” provides a qualitative indication of the implication of the identified data gap relative to the Environmental Professional’s (EP’s) ability to identify conditions indicative of releases or threatened releases to the Subject Property; the “significance” of the data gaps are rated from low to high. “*Non-significant*” indicates that additional information to fill the data gaps is not likely to have a negative impact on ERM’s conclusions presented in this report. “*Significant*” indicates that it is ERM’s opinion that additional diligence or investigation (such as additional data review or physical sampling of environmental media) is required to address the data gap.

### 1.3.3 Significant Assumptions

No significant assumptions have been made.

### 1.3.4 Exceptions to and Deletions from the ASTM E1527-13 Standard

ERM has not identified exceptions to, or deletions from the ASTM E1527-13 standard.



## 2. Physical Site Setting



### 2.1 Location

The Site is located east of Arroyo Circle and east of the center of the City of Gilroy in Santa Clara County, California. The general location of the Subject Property and the physiographic features of the surrounding area are depicted on Figure 1, developed from the United States Geological Survey (USGS) 7.5-minute quadrangles for Gilroy and Chittenden, California, dated 2012.

### 2.2 Topography and Hydrology

The Subject Property is located at an elevation of approximately 192 feet above mean sea level sloping downward to the southeast. Surface water at the Subject Property infiltrates into the ground throughout the parcel.

The overall topographic trend of the surrounding area slopes to the southeast. The nearest surface water body is an unnamed irrigation channel running along the southern boundary of the Site. Miller Slough is located approximately 0.17 miles west and Llegas Creek is located approximately 0.75 miles east of the Site.

According to flood zone and National Wetland Inventory (NWI) data presented in the EDR® Radius Map™ Report reviewed by ERM, the Site is located within the 500-year flood plain and partially located within the 100-year flood plain. No wetland delineated areas are mapped on or adjacent to the Site. Flood zone and NWI data were obtained by EDR from the Federal Emergency Management Agency (FEMA) and U.S. Fish and Wildlife Services, respectively.

### 2.3 Geology and Hydrogeology

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey data, the three surficial soils on the Site are: Campbell silty clay, Zamora clay loam, and Clear Lake clay. These soils are described as having very slow infiltration rates and range from well drained to poorly drained.

According to the California Geological Survey Geologic Map of California (2010), the Site is underlain by Quaternary alluvium and marine deposits. Arup performed a geotechnical investigation at the Site in October 2019 and found that the shallow geology consists of alluvial mixtures consisting of lean clay with varying amounts of fine sand present in the soil matrix. Separating an upper clay layer from a lower clay layer is typically a coarse granular layer primarily composed of gravel with varying amounts of sand and clay. (Arup, 2019).

The shallow geology reported for a site located approximately 3,000 feet to the west also consists of alluvial mixtures including coarse-grained material (sand with gravel, clayey sand, sand) from ground surface to approximately 1.5 feet to 4 feet bgs, underlain by primarily fine-grained material (lean clay, lean clay with sand, sandy lean clay) to depths of approximately 14 to 16 feet bgs. Coarse-grained material (clayey sand and clayey sand with gravel) from approximately 14 to 75 feet bgs, the maximum depth drilled (Geomatrix, 2004).

According to the EDR report, there are 10 state and one federal groundwater wells located within a one-mile radius of the Subject Property. Two City of Gilroy public water supply wells are listed as being located on the southeast portion of the Subject Property; however, based on the Site visit and the interview with the current property owner, these wells are located south of the Site. A plugged former water well is located in the northwest portion of the Site and is described in Section 4.3.1 of this report.

During the 2019 geotechnical investigation groundwater was encountered at approximately 25 feet bgs in two soil borings (B-6 and B-7) advanced at the Site. No Site-specific groundwater flow data are available. However, based on investigations at the site located approximately 3,000 feet to the west shallow groundwater was reported at depths of 22 and 46 feet bgs and found to generally flow to the south-southeast (Geomatrix, 2004).

It is important to note that groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells.

## 3. Site Description, Operations, and History



### 3.1 General Site Description

#### 3.1.1 Real Estate Ownership Information

According to property records obtained from Santa Clara County via ParcelQuest™, the Subject Property is owned by Southpoint Business Park Associates. The Subject Property consists of one parcel identified by Assessor's Parcel Number 841-69-039.

#### 3.1.2 Subject Property Layout

The Subject Property consists of one approximately 56.33-acre irregular shaped parcel, east of Arroyo Circle, in the southeastern portion of Gilroy, California. The Subject Property consists entirely of agricultural land with two soil stock piles located on the northeast and southeastern portions of the Site. A former groundwater irrigation well is located on the northwest portion of the Site.

A Site and Surrounding Area Map is provided as Figure 2. Photographs of the Site are included as Appendix A.

### 3.2 Current Site Operations

The Site is currently tilled agricultural land and the recent row crop (tomatoes) was harvested a week prior to the Site visit. Beehives were observed near the southern soil stock pile. The farming operations at the Site include operation of irrigation equipment connected to water mains on the western Site boundary. No activities are currently performed on the soil stockpiles.

No industrial, commercial, or residential activity were noted at the time of this assessment.

### 3.3 Historical Site Operations

#### 3.3.1 Historical Summary

Historical maps indicate the Site has consisted of agricultural land since at least 1939. Prior to that date the topographic maps since 1917 show no development on the Site. No prior buildings are known to have been constructed on the Subject Property with the exception of a small structure on the northwest quadrant of the Site that was visible in historical aerial photographs from 1939 to 1982. This structure was generally located at the location of the plugged groundwater irrigation well.

A 60-kiloVolt (kV) electrical line is shown on the Site in a 1930 topographic map, but not in subsequent maps or aerial photographs.

According to the Site contact, the southern stock pile has been present at the Site since the mid-1980s, however the Site owners are not aware of its exact history or origin. The Site owner reported that the northern stock pile was built up in two stages: the first possibly originating from commercial development of nearby properties in the early to mid-1980s. The second phase of soil addition for the northern stock pile occurred approximately 18 months ago, when the Site accepted approximately 70,000 cubic yards of soil from an underground parking garage in Palo Alto, California. ERM has requested additional information from the Site contact, including any available analytical data, but have not received a response yet.

### 3.3.2 Evaluation of Historical Information Sources

To determine past uses of the Subject Property, ERM reviewed historical sources of information as outlined in the References section of this report (Section 7). Copies of pertinent historical sources are also appended.

The Subject Property was not identified on any of the environmental databases or government file searches reviewed during this assessment. In addition, the Gilroy Building, Life and Environmental Safety (BLES) department has no records of hazardous materials, incidents, or contamination at the Subject Property.

ERM reviewed the following investigation report in preparing this Phase I ESA report:

- ERM, November 2019 Shallow Soil Sampling Results Memorandum: ERM mobilized to the Site on 22 October 2019 and collected shallow soil samples for laboratory analysis. ERM collected shallow soil samples from approximately 0 to 3-inches bgs from 60 locations throughout the Site and composited these samples into 15 samples for laboratory analysis of organochlorine pesticides (OCPs) and California Administrative Manual-17 (CAM-17) metals. In addition, ERM collected soil samples via hand auger from depths of approximately 1- to 2-feet below the pile surface at two locations at the north soil pile and two locations the south soil pile. The soil pile samples were analyzed for CAM-17 metals, OCPs, total petroleum hydrocarbons (TPH) as diesel (TPH-d), and TPH as motor oil (TPH-mo). In addition, three soil composite samples and one soil pile sample were analyzed for organophosphorus pesticides (OPP), chlorinated herbicides, and perchlorate. The findings of the soil sampling were as follows:
  - **Heavy metals:** arsenic, cobalt, and nickel were present at concentrations above their respective ESLs, but within their published natural background concentrations. Overall, there is no strong apparent trend in the heavy metals distributions.
  - **Petroleum hydrocarbons:** low levels of TPH-diesel (up to 14 mg/kg) and TPH-motor oil (up to 62 mg/kg) well below the groundwater protection, commercial land use, and construction worker ESLs.
  - Organochlorine Pesticides:
    - Southern Soil Pile: DDD, DDE, DDT, dieldrin and toxaphene were detected. Only dieldrin was above the soil leaching to groundwater ESL, but below the construction worker and commercial worker direct exposure ESLs.
    - Northern Soil Pile: no pesticides were detected. The pesticide results suggest that soil in the northern soil pile has a different origin than soil in the agricultural field and southern soil pile.

Herbicides, OPPs, and perchlorate were not detected in either soil pile. Based on the results of the soil samples collected and evaluated against the selected screening criteria, ERM did not identify significant impacts to surface soils for the sampled analytes, which would preclude the continued or future use of the Subject Property for commercial/industrial purposes. Although the presence of residual OCPs is typical of agricultural soil, the presence of dieldrin above the soil leaching to groundwater ESL suggests that regulatory agency concurrence or mitigation measures may be required. In addition, because OCPs and heavy metals are present in Site soils, it would be prudent to include them in considerations for construction worker safety.

## 4. Site Environmental Operations and Regulatory Review



### 4.1 Hazardous Material Use and Storage

No evidence of hazardous material use, transport, or storage was noted at the Site with the exception of agricultural chemicals. According to interviews, with the Site farm operator contact, agricultural chemicals including fertilizers and pesticides are applied to crops. He also confirmed that agricultural chemicals are not permanently or temporarily stored at the property; however, during the Site visit ERM observed one partially full 275-gallon tote adjacent to the southern soil pile that was described by the Site owner as an unknown agricultural chemical owned by the farm operator. ERM did not observe stains or spills from this tote.

Prior to the current farmer, Mission Farms farmed the Site and transported and applied pesticides directly to crops at the Site for approximately 10 years between 2007 and 2017.

#### 4.1.1 *Underground Storage Tanks (USTs)*

According to the Site contact, there are no current or former USTs associated with the Site, and no visual indication of the potential presence of USTs was noted by ERM during the Site visit. Additionally, the Site is not listed in the EDR report on the UST or leaking UST (LUST) databases.

#### 4.1.2 *Aboveground Storage Tanks (ASTs)*

According to Site representatives, no ASTs are currently located on the Subject Property, and ERM did not observe ASTs during the Site visit with the exception of the container described above. No evidence of historical ASTs was noted onsite or in the documents researched for this assessment and none are listed on databases searched.

### 4.2 Waste Management

#### 4.2.1 *Hazardous Waste*

The current operator reported that no hazardous waste is generated at the Site. Additionally, the Site was not identified in the EDR report on environmental databases associated with hazardous waste generation.

#### 4.2.2 *Non-Hazardous Waste*

The Subject Property is agricultural land and non-hazardous waste is currently generated at the Site with the exception of excess vegetable matter from agriculture. No wastes or staining were observed at the Subject Property. No evidence of solid waste disposal was observed during ERM's visit.

#### 4.2.3 *Universal Waste*

No universal waste is generated at the Site according to the Site representative and none was observed by ERM during the Site visit.

### 4.3 Water Supply, Wastewater and Storm Water

#### 4.3.1 *Water Supply*

The Subject Property is in agricultural use and has water connections with the City of Gilroy on the western boundary of the Site. According to the EDR report, two City of Gilroy public water supply wells are listed as being located on the southeast portion of the Subject Property; however, based on the Site visit and the interview with the current property

owner, it appears that these wells are located south of the Site. The current farm operator for the Site confirmed that no wells are present on the Subject Property.

A former groundwater irrigation well was located in the northwest portion of the Site and according to documentation obtained from the Santa Clara Valley Water District (SCVWD) it was closed in 1988. The well was reported to have been 157 feet deep and 15.5 inches in diameter. SCVWD records show that the well was plugged by pressure grouting with cement and the top six feet of well were reported to have been excavated.

#### **4.3.2 Wastewater**

No evidence of wastewater generation was observed at the Subject Property.

#### **4.3.3 Storm Water**

Precipitation that falls on the Subject Property infiltrates into the ground surface. No staining, sheens or other evidence of environmental impact to storm water pathways was observed by ERM at the time of the Site visit. Apparent irrigation ditches were observed on the southern boundary of the Site and it is unclear whether these irrigation ditches also receive storm water runoff during storm events.

### **4.4 Air Emissions**

The Subject Property is in agricultural use and no fixed sources of air emissions are present. Additionally, the Site address was not identified in the EDR search or regulatory agency databases that include air permit databases.

### **4.5 Polychlorinated Biphenyls (PCBs)**

ERM inspected the Subject Property for types of equipment that have been historically associated with the use of PCBs as a dielectric fluid coolant and stabilizer. Some examples of the types of equipment that potentially contain PCBs or PCB-contaminated oil include electrical equipment such as transformers, capacitors, and high voltage liquid filled switches.

ERM did not identify potential PCB-containing materials during the Site visit.

### **4.6 Asbestos-Containing Materials (ACMs)**

The Subject Property is undeveloped and no structures are present on the Site. ERM did not observe ACMs or potential ACMs during the Site visit with the exception of an approximately 4-foot by 4-foot concrete pad associated with the historical groundwater irrigation well in the northwest portion of the Site. Based on the size of the concrete pad and the date of the likely installation (1988) it is not considered a likely significant asbestos issue.

## 5. Surrounding Properties



### 5.1 Summary

The Site is located within a predominantly commercial and agricultural area, with businesses to the southwest, west and north along Arroyo Circle including medical offices, offices, a recreational vehicle (RV) dealer and repair center, retail establishments, auto dealerships, and a machining business. The areas southwest, west and north of the Site were also in agricultural use from the 1930s to the late 1990s before development into the current uses.

The surrounding area to the east and southeast was developed for agricultural purposes by the 1930s and remains in agricultural use.

### 5.2 Current Surrounding Properties

The adjoining properties and nearby land use, as observed by ERM at the time of the Site inspection, are as follows:

**Table 5-1 Current Surrounding Properties**

Direction	Discussion
North	<p>Immediately north of the Site is an approximately 5-acre parcel with a commercial building at 8100 and 8120 Camino Arroyo. This address is listed as Scientific Games Inc. as a hazardous waste generator, for air emissions, and as an operating UST (contents unspecified). The 8120 Camino Arroyo address is also listed as Charter Communications as a former hazardous waste generator. The 8075 Camino Arroyo address is listed as Full Spectrum Machining as a hazardous materials storage facility and as a former hazardous waste generator. The parcel at 8055 Camino Arroyo is listed for hazardous materials and propane storage as Dowdy Ranch within Henry Coe state park; however, this ranch and park are located over two miles to the east so this listing may represent a mailing or office address. The parcel is also mapped by EDR as Gilroy Buick GMC as a hazardous waste generator, for hazardous materials storage, and for above-ground petroleum storage; however, this site is listed as 6600 Auto Mall Parkway located over 2,000 feet to the south, so this listing may represent incorrect mapping or a mailing address.</p> <p>Agricultural fields are present to the northeast.</p>
East	<p>Agricultural fields border the Site to the east, northeast, and southeast.</p>
South	<p>The Site is bordered to the southeast by the Permanente Medical offices at 7520 Arroyo Circle that are listed as a hazardous waste generator and for hazardous materials storage. The Williams Dental Lab at 7510 Arroyo Circle is listed as a former hazardous waste generator. Further south beyond Arroyo Circle at 7475 Camino Arroyo the County of Santa Clara Valley Health Center is listed as a hazardous waste generator and for hazardous materials storage.</p>
West	<p>The businesses located west of the Site from north to south are:</p> <ul style="list-style-type: none"> <li>▪ 7900 Arroyo Circle: See Grins RV listed as a hazardous waste generator and for hazardous materials storage and Wal-Mart listed for a UST (contents unspecified). The UST is listed on an operating UST database and not on a leaking UST database.</li> <li>▪ 7663 Arroyo Circle: Gilroy Unified School District is not listed on the EDR report.</li> </ul>

Direction	Discussion
	<ul style="list-style-type: none"> <li data-bbox="456 258 1500 380">■ 7800 and 7810 Arroyo Circle: Gilroy High School listed for a leaking underground storage tank (LUST) reported in 1992 and listed under investigation. However, based on a review of tank closure documentation, this case refers to a former tank at the Gilroy High School located on 10<sup>th</sup> street approximately 1.5 miles to the southwest.</li> <li data-bbox="456 394 1487 453">■ 7700 Arroyo Circle: Matthews Metal Products listed for hazardous materials storage and as a hazardous waste generator including oxygenated and unspecified solvent wastes.</li> </ul>

With exception of the incorrectly mapped 7810 Arroyo Circle: Gilroy High School LUST listing, the above adjacent sites are not listed for soil and groundwater contamination.

### 5.3 Adjacent Properties Historical Summary

The surrounding area consisted primarily of agricultural land from the 1930s and the surrounding area was sparsely developed until the 1990s. Between 1982 and 1998 the adjacent parcels to the west and north were developed in their current configuration. The following other listed surrounding facility is worthy of note and further discussion:

- South Valley Middle School Modernization, located at 385 IOOF Avenue (approximately 1,940 feet west of the Site) was identified on the EnviroStor database in conjunction with an investigation performed in April 2019 during a school expansion. The site assessment included the collection and analysis of shallow soil samples for organochlorine pesticides (OCPs), arsenic, and lead, from potential historical agricultural use of the Site prior to development of the school, lead from lead-containing paint on school structures, polychlorinated biphenyls (PCBs) from window caulking on school structures and electrical transformers, and asbestos from naturally occurring asbestos (NOA) in area soil. A Preliminary Endangerment Assessment (PEA) report drafted in April 2019 concluded that the only chemical of potential concern (COPC) that exceeded risk-based screening levels was chlordane around the existing structures. In addition, it came to the team's attention that a waste-oil underground storage tank (UST) was reported to be located on the Site, but no location was available for the UST. Based on these results, the PEA Report recommended further action to determine the lateral and vertical extent of chlordane-impacted soil around the buildings and clarification of the status of the waste oil UST. Based on the nature of the contamination and distance/direction to the Subject Property, this site is not considered a likely impact to the Subject Property.
- **Olin Corporation** located at 425 Tennant Avenue in Morgan Hill is approximately 9 miles northwest of the Site. This facility caused groundwater perchlorate impacts in the aquifers underlying the Gilroy area and is an open case under RWQCB oversight (Case #: S297). Based on the 2018 Annual Cleanup Status Report (Wood, 2019), the perchlorate impacts resulting from the Olin facility are generally centered in plumes in the shallower, intermediate, and deeper aquifers that are mapped to approximately 7 miles northwest of the Site. Groundwater flow in all three aquifers is generally towards the southeast, towards the Subject Property. Groundwater monitoring wells located approximately 2 miles upgradient of the Site had concentrations of perchlorate ranging from 1.6 and 3.2 µg/L, well below the most conservative (Tier 1) Environmental Screening Level (ESL) for perchlorate in groundwater. In addition, the concentrations in the wells on the downgradient edge of the plume were reported to be stable or decreasing as a result of the ongoing remediation. In summary, it does not appear that the perchlorate plume has significantly impacted the Site, nor does it appear that it will significantly impact the Site in the future based on declining concentrations at the downgradient edge of the plume and continued regulatory agency oversight.

### 5.4 Adjoining Property Agency Review

ERM's review of the environmental database entries for adjoining properties did not reveal properties that were considered likely to have adversely impacted the Subject Property, for reasons discussed above. Therefore, ERM determined that a local agency file review was not required for the adjoining properties listed on the regulatory database report.



## 6. Conclusions



ERM has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527 of the Site (as defined in Section 1 of this report). Exceptions to, or deletions from, this practice are described in Section 1.3.4 of this report. This Phase I Environmental Site Assessment has revealed no evidence of recognized environmental conditions in connection with the Site.

Summary of Identified Findings
<b>ASTM E1527-13 Findings</b>
<b>Recognized Environmental Conditions (RECs)<sup>2</sup></b>
<p><i>Agricultural Use:</i> The Site has been used for agricultural use from before the 1939 to present. ERM collected 60 soil samples (composited into 15 samples for analysis) in November 2019. Laboratory analytical data from the soil samples collected at the Site identified the following pesticides in shallow soil samples: Organochlorine pesticides (DDD, DDE, DDT, dieldrin and toxaphene). Of these only dieldrin was detected above conservative risk-based groundwater leaching ESLs issued by the Regional Water Quality Control Board. All pesticides were below the commercial land use and construction worker ESLs.</p> <p>Herbicides, organophosphorus pesticides, and perchlorate were not detected in soil samples. Heavy metals were detected in soil either below ESLs or within the natural background concentrations.</p> <p>Based on the results of the soil samples collected and evaluated against the selected screening criteria, ERM did not identify significant impacts to surface soils for the sampled analytes, which would preclude the continued or future use of the Subject Property for commercial/industrial purposes. Although the presence of residual pesticides is typical of agricultural soil, the presence of dieldrin above the soil leaching to groundwater ESL suggests that regulatory agency concurrence or mitigation measures may be required. The presence of residual pesticides and low levels of TPH in shallow soil is consistent with past historical use and is typically considered a <i>de minimis</i> condition; however, because some soil samples exceed screening criteria these pesticide impacts represent a potential REC.</p>
<p><i>Soil Piles:</i> Two soil piles are currently located in the northeast and southwest portions of the Site, respectively. According to the Site representative, the northeast soil pile originates from off-site excavation and the southwest soil pile originates from on-Site grading activities. No soil analytical data or documentation regarding the origin of the piles has been provided to ERM to date; therefore, ERM collected four soil samples from the soil piles for laboratory analysis in November 2019.</p> <p>Organochlorine pesticides (DDD, DDE, DDT, dieldrin and toxaphene) and TPH were detected in soil from the soil piles at concentrations well below ESLs. Herbicides, organophosphorus pesticides, and perchlorate were not</p>

<sup>2</sup> Key ASTM definitions, including REC, CREC, HREC and de minimis condition are provided in Section 8

### Summary of Identified Findings

detected in soil samples. Heavy metals were detected in soil either below ESLs or within the natural background concentrations.

Based on the results of the soil samples collected and evaluated against the selected screening criteria, ERM did not identify significant impacts to soil pile soils for the sampled analytes, which would preclude the continued or future use of the Subject Property for commercial/industrial purposes. Although the presence of residual pesticides is typical of agricultural soil, the presence of dieldrin above the soil leaching to groundwater ESL suggests that regulatory agency concurrence or mitigation measures may be required. The presence of residual pesticides and low levels of TPH in shallow soil is consistent with past historical use and is typically considered a *de minimis* condition; however, because some soil samples exceed screening criteria these pesticide impacts represent a potential REC.

#### Controlled Recognized Environmental Conditions (CRECs)<sup>1</sup>

No CRECs were identified in connection with the Subject Property.

#### Historical Recognized Environmental Conditions (HRECs)<sup>1</sup>

No HRECs were identified in connection with the Subject Property.

#### De Minimis Conditions<sup>1</sup>

No *de minimis* conditions were identified.

*Agricultural Use:* The Site has been used for agricultural use from before the 1939 to present. Soil sampling data from the parcels immediately east of the Site identified the following pesticides in shallow soil samples: 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, and Toxaphene. Of these, 4,4'-DDT and Dieldrin were detected above conservative risk-based screening levels issued by the Regional Water Quality Control Board. The presence of residual pesticides in shallow soil is consistent with past historical use and is typically considered a *de minimis* condition; however, because some soil samples from the adjacent parcels exceed screening criteria these pesticide impacts represent a potential REC.

*Soil Piles:* Two soil piles are currently located in the northeast and southwest portions of the Site, respectively. According to the Site representative, the northeast soil pile originates from off-site excavation and the southwest soil pile originates from on-Site grading activities. No soil analytical data or documentation regarding the origin of the piles has been provided to ERM to date.

#### Controlled Recognized Environmental Conditions (CRECs)<sup>1</sup>

No CRECs were identified in connection with the Subject Property.

#### Historical Recognized Environmental Conditions (HRECs)<sup>1</sup>

No HRECs were identified in connection with the Subject Property.

#### De Minimis Conditions<sup>1</sup>

Naturally occurring heavy metals were also detected in shallow soil from the adjacent parcel including the following that were measured above their risk based environmental screening levels: arsenic, cobalt, lead, nickel and vanadium. Because the concentrations appear to generally be within the natural background ranges, it appears that heavy metals in soil are a *de minimis* condition.

#### Non-ASTM E1527-13 Issues:

#### Other Potential Issues

### Summary of Identified Findings

*Groundwater Wells:* ERM observed a feature on the northwest portion of the Site that was identified as a pad for a historical groundwater well. ERM obtained well closure documentation from the Santa Clara Valley Water District that shows that the well was pressure grouted with cement, as required. In addition, two state groundwater wells were mapped on the Site by EDR; however, these were reported to be located south of the Site. The closed well is not considered a material issue for future development.

*Off-Site Groundwater Impacts:* The Site is located in a valley with groundwater that has been impacted by perchlorate originating from the Olin Corporation facility located approximately 9 miles to the northwest. The groundwater plume has been extensively investigated with a network of groundwater wells and groundwater remediation and source control are ongoing under Regional Water Quality Control Board oversight. Based on the Annual Cleanup Status Report and other investigation documents it appears that groundwater flow in the area is to the southeast generally towards the Site. Groundwater monitoring wells located approximately 2 miles upgradient of the Site had concentrations of perchlorate ranging from 1.6 and 3.2 µg/L, well below the most conservative (Tier 1) ESL for perchlorate in groundwater (6 µg/L). In addition, the concentrations in the wells on the downgradient edge of the plume were reported to be stable or decreasing as a result of the ongoing remediation. In summary, it does not appear that the perchlorate plume has significantly impacted the Site, nor does it appear that it represents a significant impact at the Site based on declining concentrations at the downgradient edge of the plume and continued regulatory agency oversight.

## 7. References



The following sources were used in conducting the Phase I ESA detailed in this report. Where information obtained from these sources was determined to be useful by the Environmental Professional, it is summarized in the body of this report. Copies of prior environmental reports and other pertinent documents are appended.

**Table 7-1 Regulatory Agency Review**

Agency/Company	Person Contacted	Telephone	Regarding
Santa Clara County Assessor's Office Website	NA	NA	Site parcel information, size, history.
Gilroy Building, Life and Environmental Safety	Jennifer Rojero	NA	Hazardous materials, tank, hazardous waste, and incident information.
Santa Clara Valley Water District	Bill Cameron	NA	Irrigation well information.
Regional Water Quality Control Board	NA	NA	GeoTracker repository of contaminated sites and UST sites.
California Department of Toxic Substances Control	NA	NA	EnviroStor repository of contaminated sites.
Environmental Data Resources, Inc. 6 Armstrong Road, 4 <sup>th</sup> Floor Shelton, CT 06484	NA	800-241-6476	Environmental Database Search Report, topographic maps, aerial photographs, city directories, fire insurance maps
Internet resources	NA	NA	Site database searches ( <a href="http://www.epa.gov/echo/">http://www.epa.gov/echo/</a> ; <a href="http://www.osha.gov">www.osha.gov</a> )

**Table 7-2 Summary of Historical Sources Reviewed**

Agency/Source of Information	Data Provided	Years Reviewed (if applicable)	
		Subject Property	Surrounding Properties
Mr. Craig Filice (Subject Property Owner Representative)	General Information	2014 to present	NA
Paul Mirassou (Subject Property Operator Representative)	General Information	2014 to present	NA
EDR	Sanborn Fire Insurance Maps	None available	None available
EDR	City Directories	1986, 1992, 1995, 2000, 2005, 2010, and 2014	1986, 1992, 1995, 2000, 2005, 2010, and 2014

Agency/Source of Information	Data Provided	Years Reviewed (if applicable)	
		Subject Property	Surrounding Properties
EDR and Google Earth;	Aerial Photographs	1939, 1950, 1956, 1963, 1968, 1970, 1974, 1982, 1998, 2006, 2009, 2012, and 2016	1939, 1950, 1956, 1963, 1968, 1970, 1974, 1982, 1998, 2006, 2009, 2012, and 2016
EDR	Topographic Maps	1917, 1939, 1955, 1968, 1973, 1993, and 2012	1917, 1939, 1955, 1968, 1973, 1993, and 2012

**Table 7-3 Other Documentation Reviewed**

Date	Source
November 2019	Arup, SFO069 Due Diligence Report
November 2019	ERM, Shallow Soil Sampling Results, Assessor's Parcel Number (APN) 841-69-039, Camino Arroyo, Gilroy, California.

## 8. Limitations and Other Considerations



### 8.1 General Limitations

There are a number of exclusions and limitations associated with this assessment. These are briefly outlined below:

- This report has been prepared by ERM exclusively for Client and may not be relied upon by any other recipient, person or entity (together, henceforth, “Other Recipient”) without ERM’s express, written permission. ERM makes no warranties or representations to any Other Recipient and has no obligation to advise any Other Recipient regarding changes to this report or changes in applicable laws and regulations subsequent to the date of this report. In receiving this report, any Other Recipient agrees that (a) it will make no claim against ERM that relates in any way to this report, or the Other Recipient’s access to this report, and (b) to the fullest extent permitted by applicable law, Other Recipient hereby releases ERM from, and will defend and hold harmless ERM from and against, any claim, action, suit, damage, loss, award, liability, expense, cost, or fees including attorneys’ fees arising from or relating to any use or disclosure of the report or any portion thereof by Other Recipient or any third party to whom Other Recipient discloses the Report. Notwithstanding the foregoing, if requested, ERM will issue reliance letters allowing lenders or other interested parties to rely on the contents of this report, in accordance with ERM’s terms and conditions, for financing or other purposes.
- ERM is an environmental consulting firm, and as such we make no representations regarding questions of legal or accounting interpretation. Consultation with an attorney and/or certified accountant should be made with respect to any legal or accounting matters, or items that require such interpretation, under any law, regulation or contract.
- ERM did not independently verify information on publicly available databases. Therefore our findings are accurate and complete only to the extent that information provided to ERM was itself accurate and complete.
- The conclusions presented in this report represent ERM’s professional judgment based on the information made available to us during the course of this assessment and are true and correct to the best of ERM’s knowledge as of the date of this report.
- No sampling or testing of soils, waters or other materials was included as part of this assessment. However, reference may have been made to previous testing and sampling, as appropriate.
- Unless otherwise stated within this report, ERM has assumed that the Site will continue to be used for current purposes. ERM’s assessment does not include provision for Site closure or change in land use, unless expressly stated above.
- State-specific regulations related to property transfer (or ownership changes) may apply to the proposed transaction. Costs related to compliance with these State requirements were not included in ERM’s Assessment.

### 8.2 ASTM Limitations

The innocent landowner, contiguous owner, and prospective purchaser defenses to liability under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) require that a person

acquiring property conduct an all appropriate inquiry with respect to the Site. ERM has conducted this environmental assessment in accordance with the standards for conducting an all appropriate inquiry set forth at 40 CFR Part 312. Those standards require the application of scientific principles and professional judgment to certain facts with resultant subjective interpretations and exercise of discretion. Professional judgments expressed herein are based on the facts currently available within the limits of the existing data, and data gaps identified herein, scope of work, budget, and schedule. Those standards also require that the client undertake certain additional inquiries. In addition, the liability defenses under CERCLA require, among several other things, that the client after the acquisition stop any continuing releases, prevent any future threatened releases and prevent or limit human, environmental or natural resource exposure to any hazardous substance released at the Site. Therefore, ERM makes no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose, including any warranty that this Phase I assessment will in fact qualify client for the innocent landowner, contiguous property owner or prospective purchaser defense to liability under CERCLA. ERM's assessment is limited strictly to identifying recognized environmental conditions associated with the Site. Results of this assessment are based upon the visual Site inspection of readily accessible areas of the Site conducted by ERM personnel, information from interviews with knowledgeable persons regarding the Site, information reviewed regarding historical uses, information provided by contacted regulatory agencies, and review of publicly available and practically reviewable information identifying current and historical uses of the property and surrounding properties. All conclusions and recommendations regarding the Site represent the professional opinions of the ERM personnel involved with the project, and the results of this report should not be considered a legal interpretation of existing environmental regulations. ERM assumes no responsibility or liability for errors in the public data utilized, statements from sources outside of ERM, or developments resulting from situations outside the scope of this project. We make no warranties, expressed or implied, including, without limitation, warranties as to merchantability or fitness for a particular purpose.

### **8.3 Other Considerations**

#### **8.3.1 Environmental Database Search**

ERM contracted EDR to conduct a database search for agency records. The appended database report defines and summarizes the ASTM databases reviewed in the EDR report and notes if any listed facilities (including the Subject Property) were identified in the specified radius. The locations of the listed facilities identified in the EDR report were evaluated to determine which listed facilities were located within the ASTM specified search distance from the Subject Property boundary. Only those listed facilities worthy of further discussion are discussed within the applicable sections of this report and data on additional listed facilities is included in the appended EDR database report.

It should be noted that the computerized geocoding technology used in the database search is based on available census data and is only accurate to approximately  $\pm 300$  feet. The EDR report provides a list of unmapped facilities for which inadequate location information was provided. ERM has reviewed the list of "unmapped" listed facilities to determine if these listed facilities are within the study radius. If the "unmapped" listed facilities appeared likely to be within the search radius for a specific database, they are discussed in the applicable sections of this report.

Sites identified within the study radii were evaluated to determine if they are likely to have adversely impacted the Subject Property. The criteria used to evaluate the potential for adverse impact to the Subject Property include:

- Distance from the Subject Property;
- Expected depth and direction of groundwater and surface water flow;
- Geology and physical ground conditions;
- Expected storm water flow direction;
- The presence/absence of documented contaminant releases at the identified sites that have not been remedied to the satisfaction of regulators; and
- The current regulatory status of the listing.

The identification of a listed facility as potentially upgradient or downgradient is based on the expected direction of groundwater flow referenced in Section 2.3.

### 8.3.2 User Provided Information

ERM contacted the User with respect to the following information:

- An evaluation of the presence of Environmental Cleanup Liens for the Subject Property;
- Activity and Use Limitations such as engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place for the Subject Property;
- Specialized Knowledge that includes personal knowledge or experience related to the Subject Property or nearby properties based on professional experience or knowledge of the Subject Property;
- Fair Market Value to evaluate whether a purchase price is significantly below Fair Market Value;
- Obvious Indicators that involve past or present spills, stains, releases, cleanups on or near the Subject Property; and
- Common Knowledge about specific chemicals, possible contamination, or past use of the Subject Property and surrounding area.

Relevant information provided by the User is summarized under the appropriate headings of this report, and in the following table:

**Table 8-1 User-Provided Information**

User Request	Response
Environmental cleanup liens	The User is not aware of environmental liens currently recorded against the Site. User did not request that ERM perform an independent evaluation of environmental liens for the Site.
Activity and Use Limitations (AULs) and land use restrictions or institutional controls	The User is not aware of AULs and/or land use restrictions currently recorded against the Site.
Specialized knowledge	User has no specialized knowledge of the Site other than what was provided to ERM as discussed under the relevant sections of this report. User provided ERM access, and previous reports are summarized throughout this report. ERM is not aware of additional specialized knowledge for the Site.
Fair market value	User is not aware of devaluation of the purchase price or fair market value of the Site in association with environmental conditions at, on, or, under the Site.
Obvious indicators that involve past or present spills, stains releases or cleanups	User was not aware of any obvious indicators that involve past or present spills, stains, releases, or cleanups.
Common knowledge about specific chemicals, possible contamination, or past use	The User was only aware of past agricultural use and likely pesticide and fertilizer application associated with this use. In addition, the User provided owner-supplied information that is presented in the relevant report sections and appendices.

### 8.4 Key ASTM Definitions

ASTM E1527-13 prescribes the following definitions:

**Recognized Environmental Condition (REC):** “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment...”



**Controlled REC (CREC):** "...a recognized environmental condition 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 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)..."

**Historical REC (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 historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria)..."

**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..."

**Data gap:** "...a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps 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.)..."

**Data failure:** "...a failure to achieve the historical research objectives...even after reviewing the standard historical sources ... that are reasonably ascertainable and likely to be useful..."

**User:** "...the party seeking to use Practice E1527 to complete an Environmental Site Assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice..."

## 9. Environmental Professional Certification



This Phase I Environmental Site Assessment was conducted by Ms. Ariana Jensen of ERM. Mr. Giorgio Molinario and Mr. Jason Goetz reviewed the contents of this report. The professional qualifications for Ms. Jensen, Mr. Molinario, and Mr. Goetz are appended to this report. Ms. Jensen, Mr. Molinario, and Mr. Goetz meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and have prepared the following declaration and signed in accordance below.

- I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.
- I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



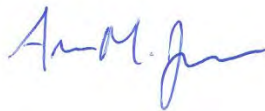
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Jason Goetz  
*Partner-in-Charge and Environmental Professional*



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Giorgio Molinario  
*Project Manager and Environmental Professional*



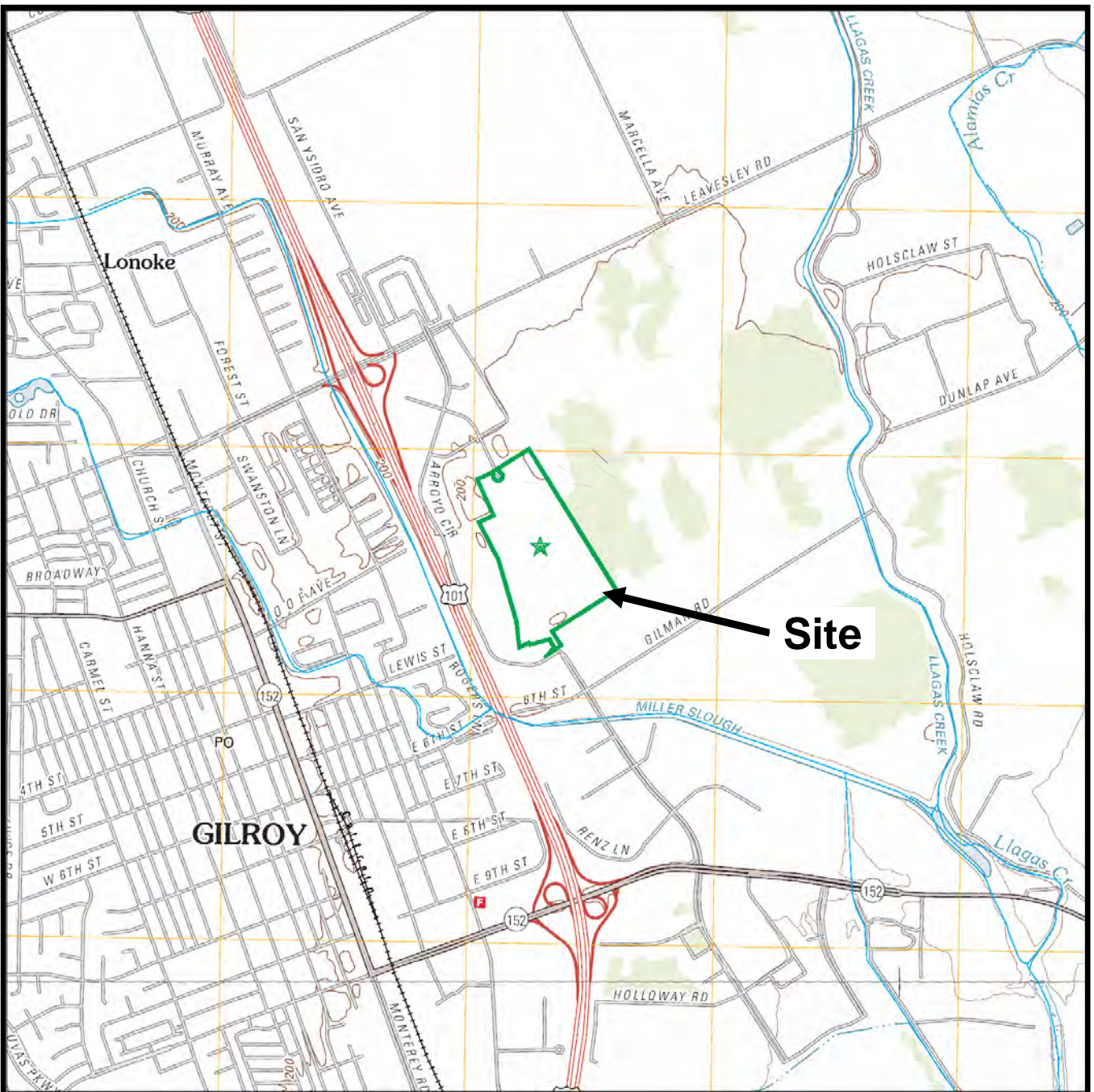
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Ariana Jensen  
*Site Assessor and Environmental Professional*

**ERM**  
114 Sansome Street, Suite 750  
San Francisco, California

# Figures





— Approximate Site Boundary

SOURCE: Gilroy and Chittenden, California 7.5 Minute Topographic Quadrangles, 2012



**SITE LOCATION MAP**  
**SFO069 Due Diligence**  
**Assessor's Parcel Number 841-69-039**  
**Gilroy, California**

Figure  
**1**



**Legend**

— Approximate Site Boundary

Source: ESRI, 2019



**SITE LAYOUT MAP**  
 SFO069 Due Diligence  
 Assessor's Parcel Number 841-69-039  
 Gilroy, California

Figure

**2**

**Appendix A**  
**Site Photographs**





**Photograph: 1** | View of the Site to the south from the northern boundary.



**Photograph: 2** | View of the northern soil pile.



**Photograph: 3** View of the Site to the west from the eastern boundary with irrigation system in the foreground.



**Photograph: 4** View of the site to the north from the southeastern boundary. An overhead power line is visible east of the Site.



**SFO069 Due Diligence  
Camino Arroyo, Gilroy, California**

ERM Project Number: 0527032

Date: 3 October 2019





**Photograph: 5** View of the southern boundary of the Site to the West with the irrigation ditch running east-west along the boundary.



**Photograph: 6** View to the northeast of the southern soil pile. Beehives and an unlabeled 275-gallon tote are visible adjacent to the soil pile.



**SFO069 Due Diligence  
Camino Arroyo, Gilroy, California**

ERM Project Number: 0527032

Date: 3 October 2019



**Photograph: 7** View of the graded area west of the southwest portion of the Site. The Kaiser Permanente medical office building is visible in the background.



**Photograph: 8** View to the east of a transformer west of the Site with the southern soil pile in the background.



**SFO069 Due Diligence  
Camino Arroyo, Gilroy, California**

ERM Project Number: 0527032

Date: 3 October 2019



**Photograph: 9** Features that appears to be associated with the former groundwater irrigation well in the northwest portion of the Site.



**Photograph: 10** View to the northwest of the northwest corner of the Site with apparent gravel and the See Grins RV facility in the background.



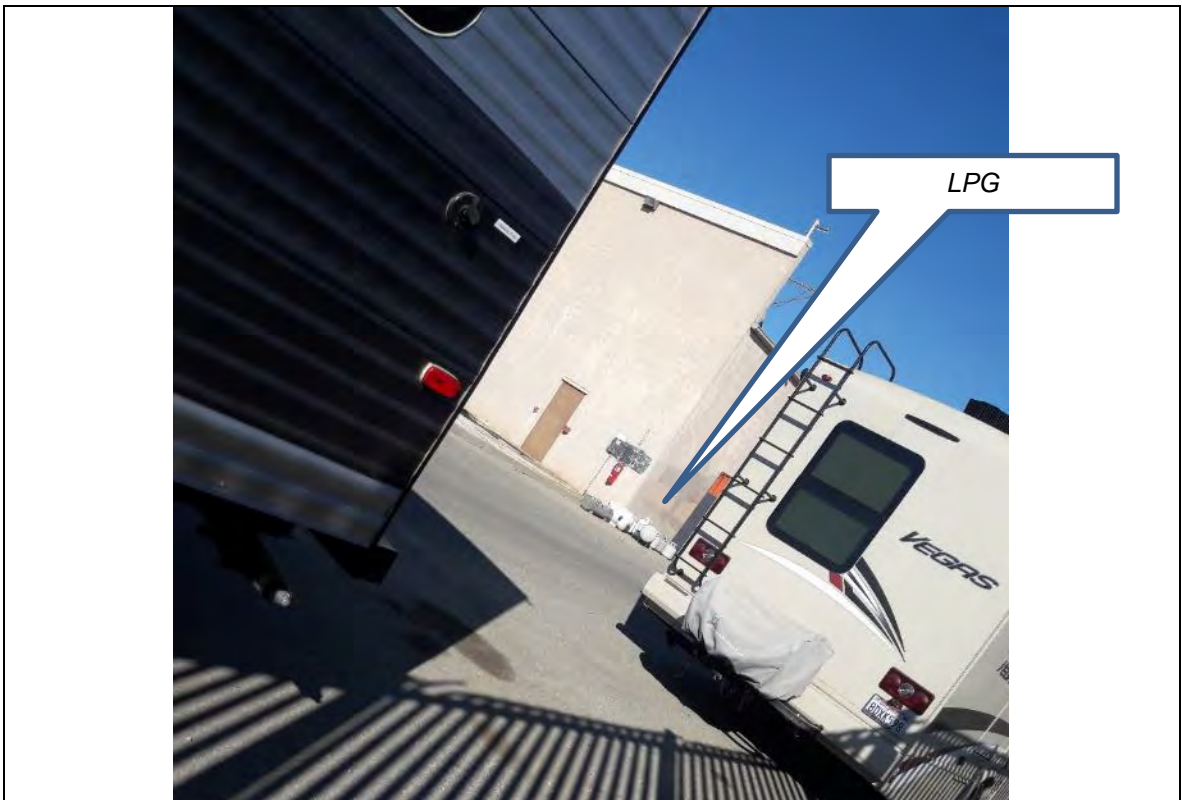
**SFO069 Due Diligence  
Camino Arroyo, Gilroy, California**

ERM Project Number: 0527032

Date: 3 October 2019



**Photograph: 11** View to the north of the eastern fence of See Grins RV. LPG tanks are visible west of the fence.



**Photograph: 12** LPG tanks adjacent to the corner of the See Grins RV building.



**SFO069 Due Diligence  
Camino Arroyo, Gilroy, California**

ERM Project Number: 0527032

Date: 3 October 2019



**Photograph: 13** View to the west of Specialty Truck Parts west of the Site with propane forklift visible.



**Photograph: 14** View to the west of Specialty Truck Parts west of the Site with hazardous materials storage visible.




**SFO069 Due Diligence  
Camino Arroyo, Gilroy, California**

ERM Project Number: 0527032

Date: 3 October 2019

**Appendix B**  
**Historical Sources**





SFO069  
CAMINO ARROYO  
GILROY, CA 95020

Inquiry Number: 5800372.3

September 23, 2019

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

09/23/19

**Site Name:**

SFO069  
CAMINO ARROYO  
GILROY, CA 95020  
EDR Inquiry # 5800372.3

**Client Name:**

ERM - West, Inc.  
1277 Treat Blvd  
Walnut Creek, CA 94597  
Contact: Giorgio Molinario



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by ERM - West, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://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 #** 2088-4FC1-BC52  
**PO #** NA  
**Project** SFO 069

### 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 #: 2088-4FC1-BC52

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™*

### Limited Permission To Make Copies

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SFO069  
CAMINO ARROYO  
GILROY, CA 95020

Inquiry Number: 5800372.4

September 23, 2019

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

09/23/19

**Site Name:**

SFO069  
CAMINO ARROYO  
GILROY, CA 95020  
EDR Inquiry # 5800372.4

**Client Name:**

ERM - West, Inc.  
1277 Treat Blvd  
Walnut Creek, CA 94597  
Contact: Giorgio Molinaro



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ERM - West, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's 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:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	37.01588 37° 0' 57" North
<b>Project:</b>	SFO 069	<b>Longitude:</b>	-121.558029 -121° 33' 29" West
		<b>UTM Zone:</b>	Zone 10 North
		<b>UTM X Meters:</b>	628277.98
		<b>UTM Y Meters:</b>	4097605.91
		<b>Elevation:</b>	192.00' above sea level

**Maps Provided:**

2012  
1993  
1973  
1968  
1955  
1939  
1917

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets

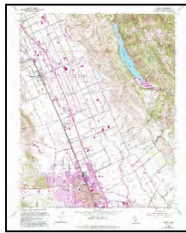


Gilroy  
2012  
7.5-minute, 24000

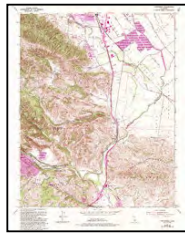


Chittenden  
2012  
7.5-minute, 24000

### 1993 Source Sheets



Gilroy  
1993  
7.5-minute, 24000  
Aerial Photo Revised 1987

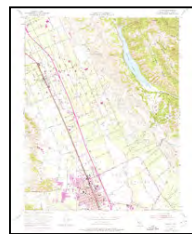


Chittenden  
1993  
7.5-minute, 24000  
Aerial Photo Revised 1988

### 1973 Source Sheets



Chittenden  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973

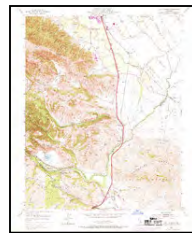


Gilroy  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973

### 1968 Source Sheets



Gilroy  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968

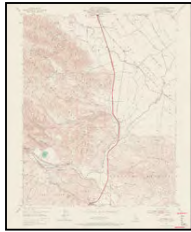


Chittenden  
1968  
7.5-minute, 24000  
Aerial Photo Revised 1968

## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1955 Source Sheets



Chittenden  
1955  
7.5-minute, 24000  
Aerial Photo Revised 1952



Gilroy  
1955  
7.5-minute, 24000  
Aerial Photo Revised 1953

### 1939 Source Sheets



San Juan Bautista  
1939  
15-minute, 62500  
Aerial Photo Revised 1939

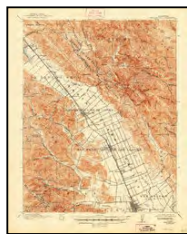


Morgan Hill  
1939  
15-minute, 62500  
Aerial Photo Revised 1939

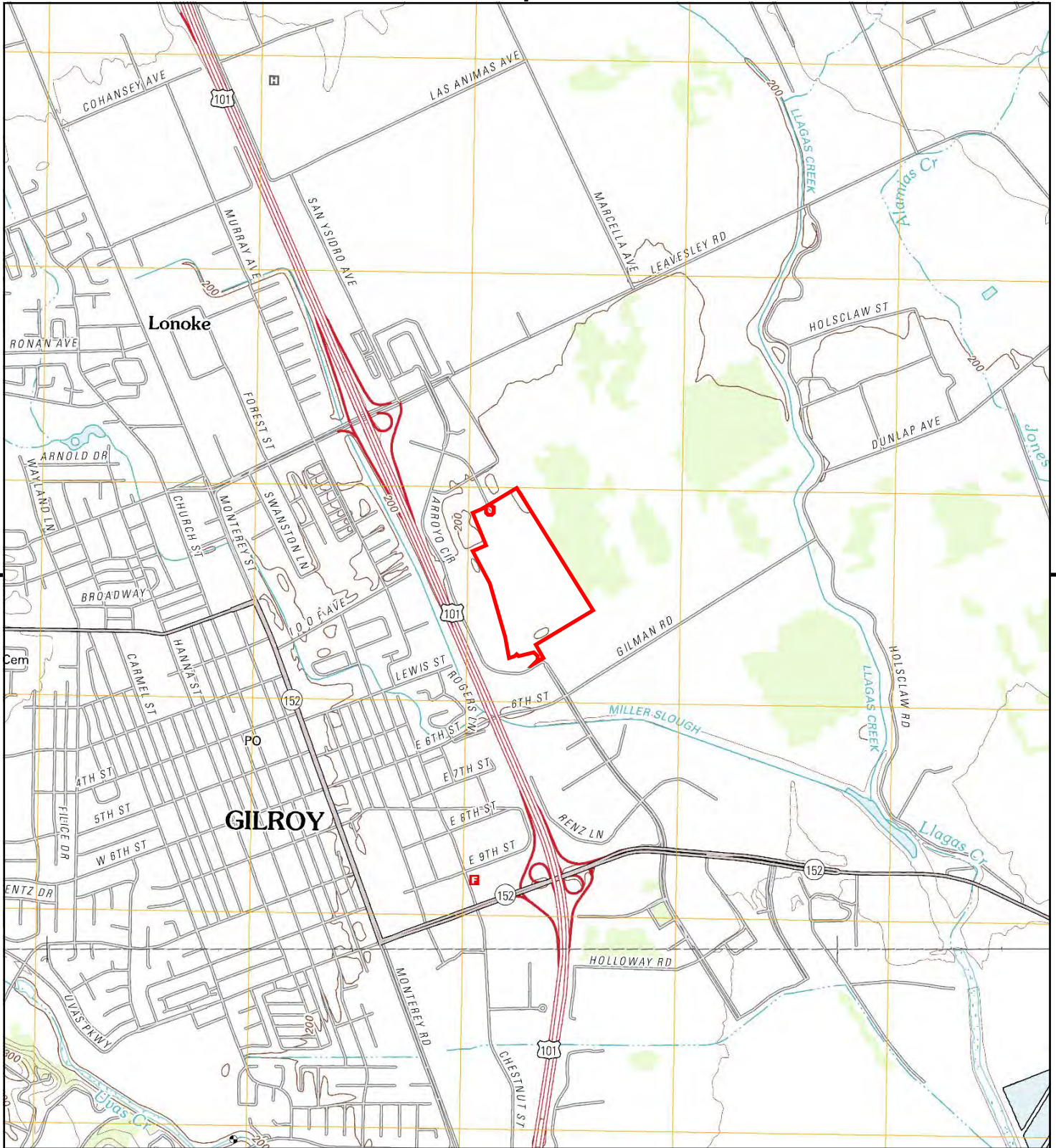
### 1917 Source Sheets



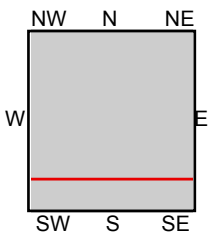
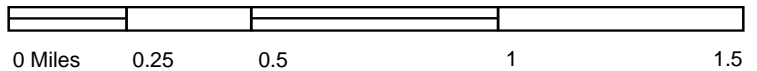
San Juan Bautista  
1917  
15-minute, 62500



Morgan Hill  
1917  
15-minute, 62500



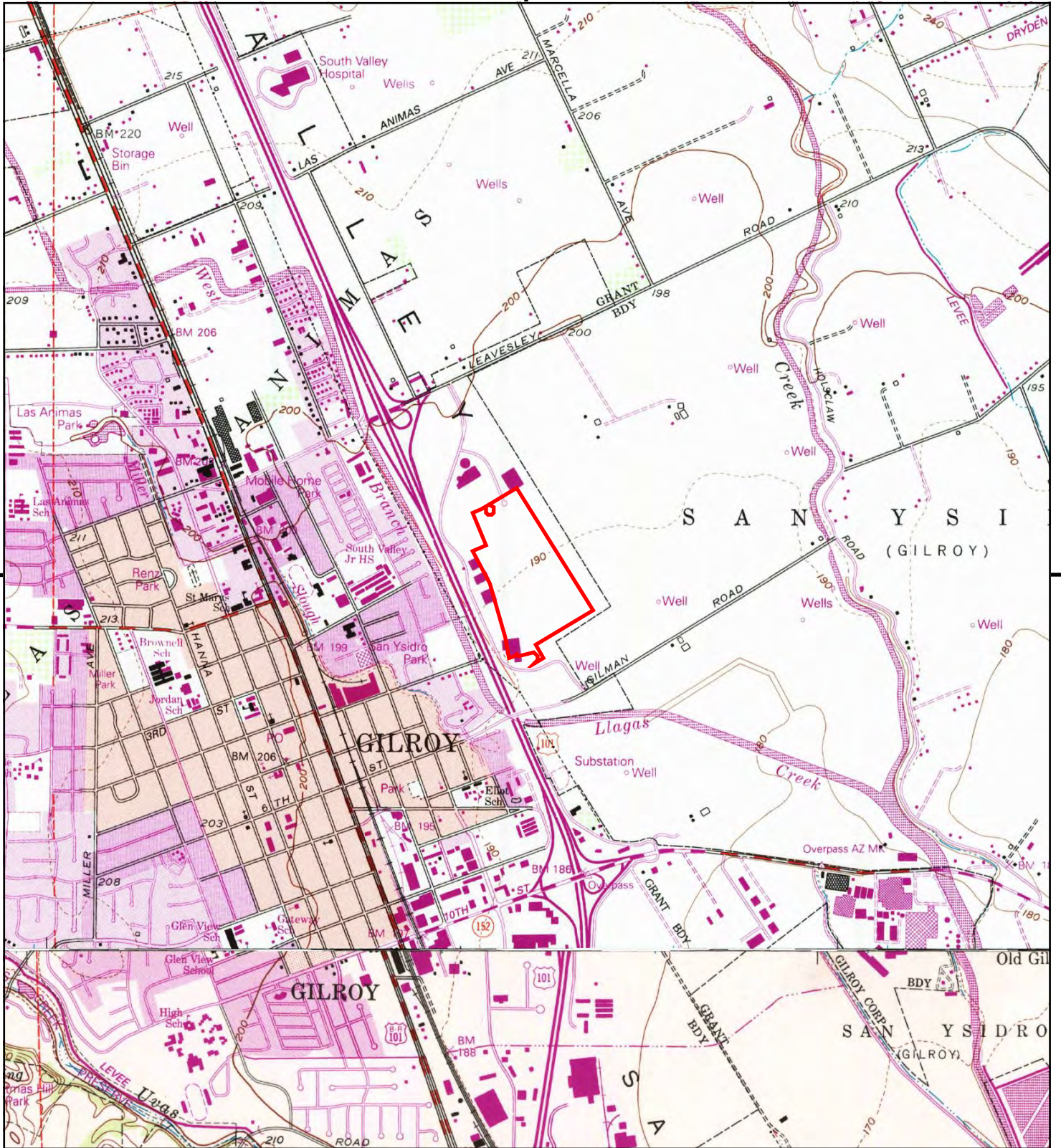
This report includes information from the following map sheet(s).



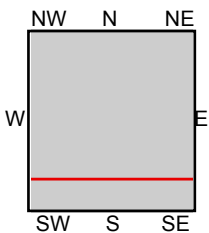
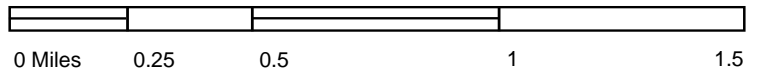
TP, Gilroy, 2012, 7.5-minute  
S, Chittenden, 2012, 7.5-minute

SITE NAME: SFO069  
ADDRESS: CAMINO ARROYO  
GILROY, CA 95020  
CLIENT: ERM - West, Inc.





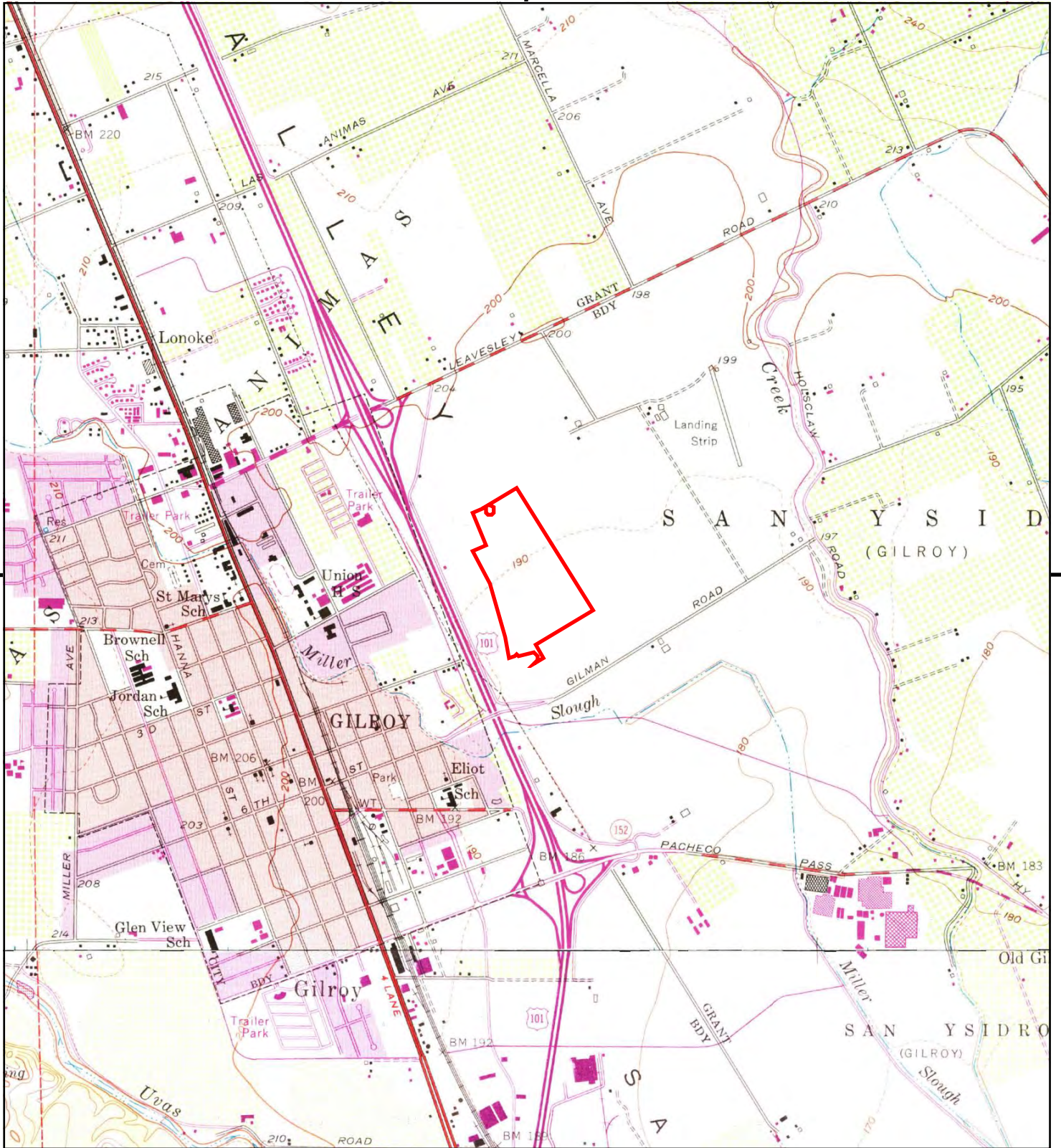
This report includes information from the following map sheet(s).



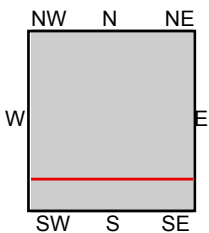
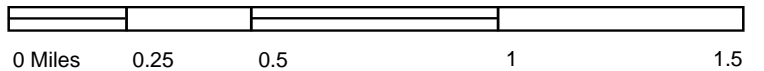
TP, Gilroy, 1993, 7.5-minute  
S, Chittenden, 1993, 7.5-minute

SITE NAME: SFO069  
ADDRESS: CAMINO ARROYO  
GILROY, CA 95020  
CLIENT: ERM - West, Inc.





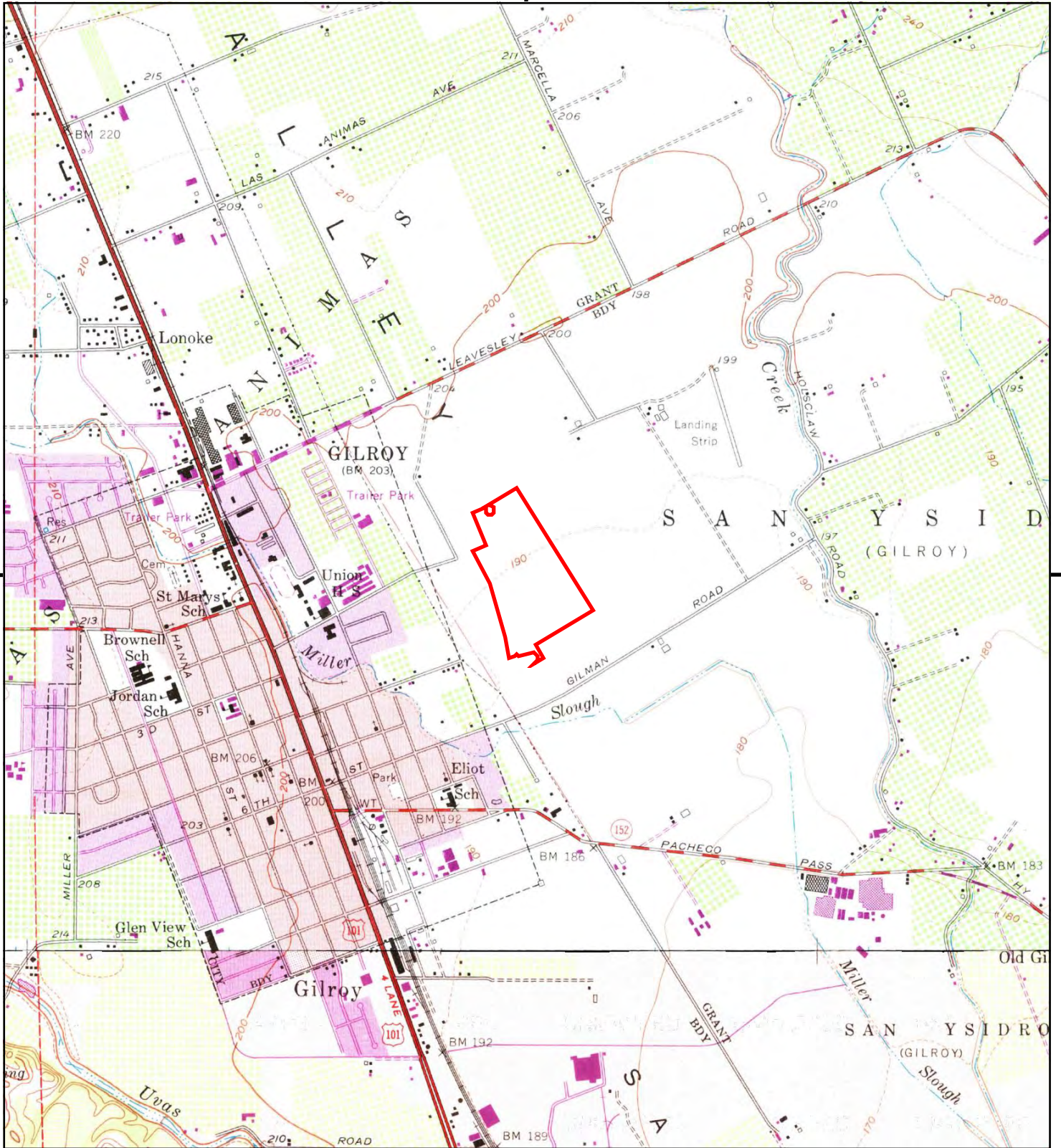
This report includes information from the following map sheet(s).



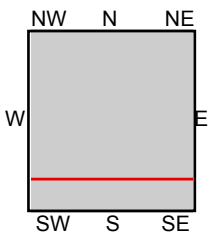
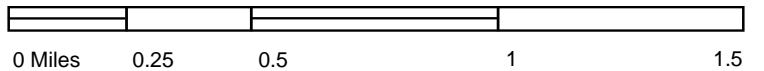
TP, Gilroy, 1973, 7.5-minute  
S, Chittenden, 1973, 7.5-minute

**SITE NAME:** SFO069  
**ADDRESS:** CAMINO ARROYO  
GILROY, CA 95020  
**CLIENT:** ERM - West, Inc.





This report includes information from the following map sheet(s).

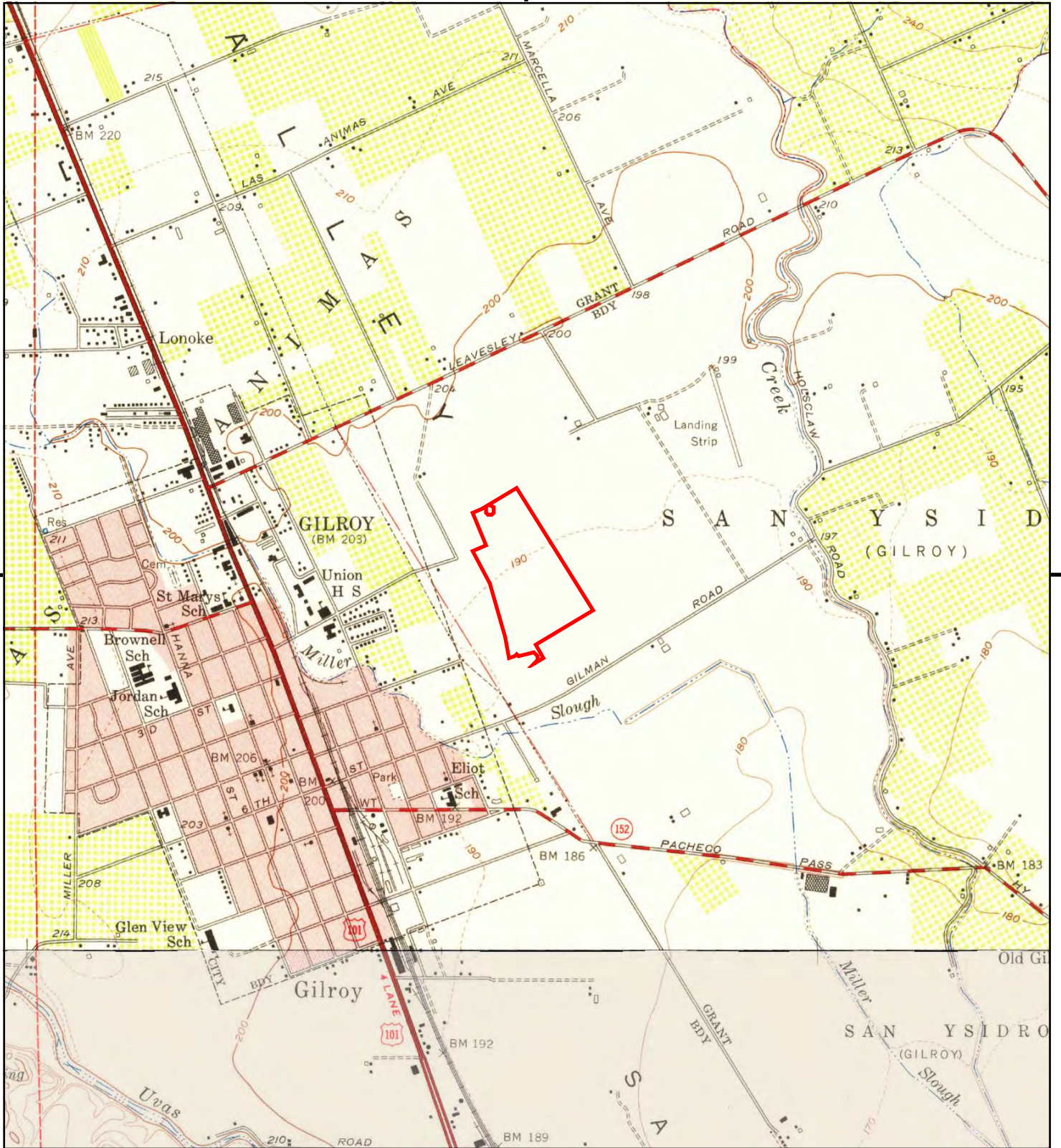


TP, Gilroy, 1968, 7.5-minute  
S, Chittenden, 1968, 7.5-minute

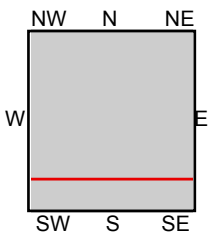
SITE NAME: SFO069  
ADDRESS: CAMINO ARROYO  
GILROY, CA 95020  
CLIENT: ERM - West, Inc.







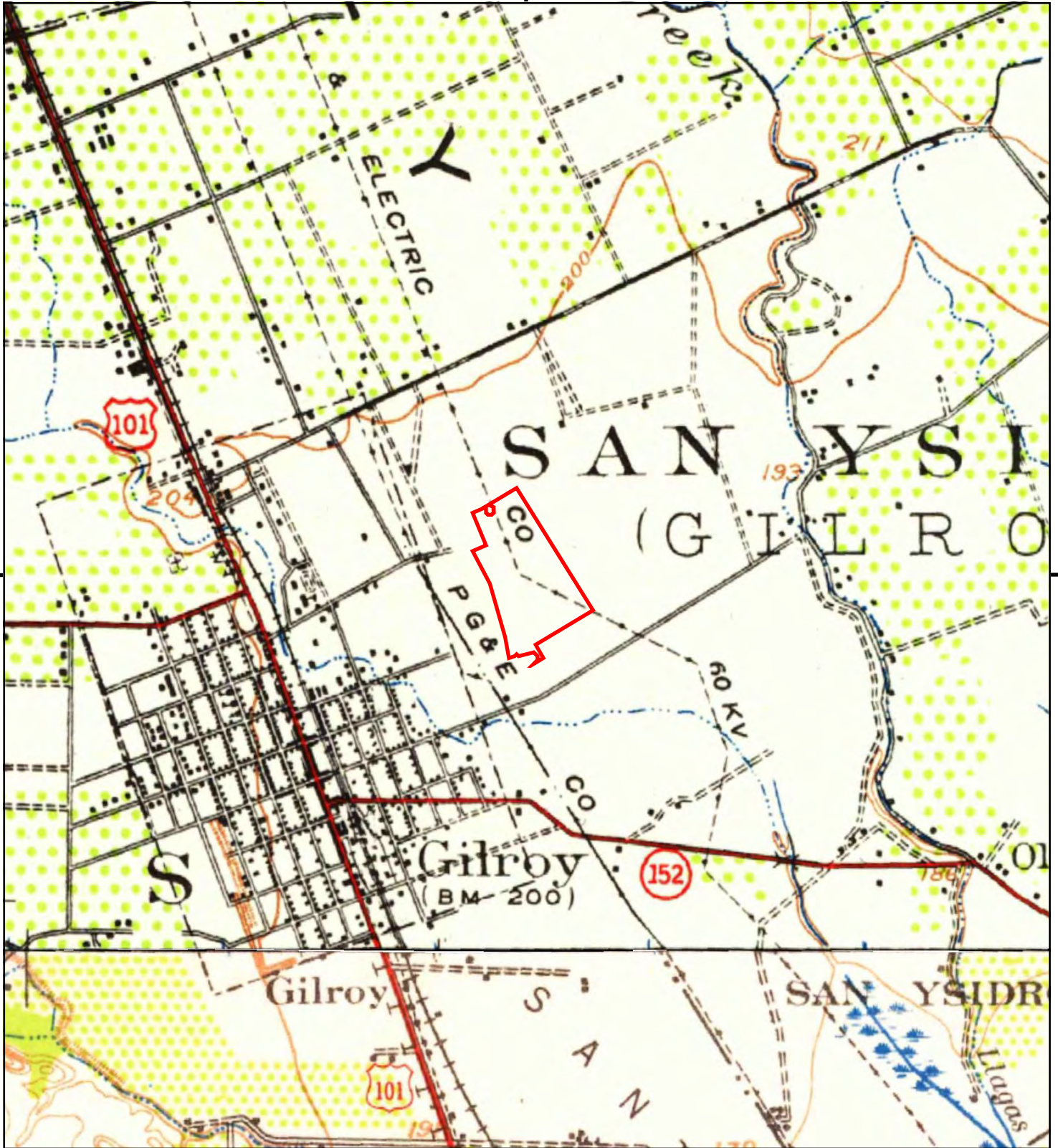
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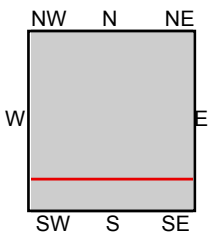
TP, Gilroy, 1955, 7.5-minute  
S, Chittenden, 1955, 7.5-minute

SITE NAME: SFO069  
ADDRESS: CAMINO ARROYO  
GILROY, CA 95020  
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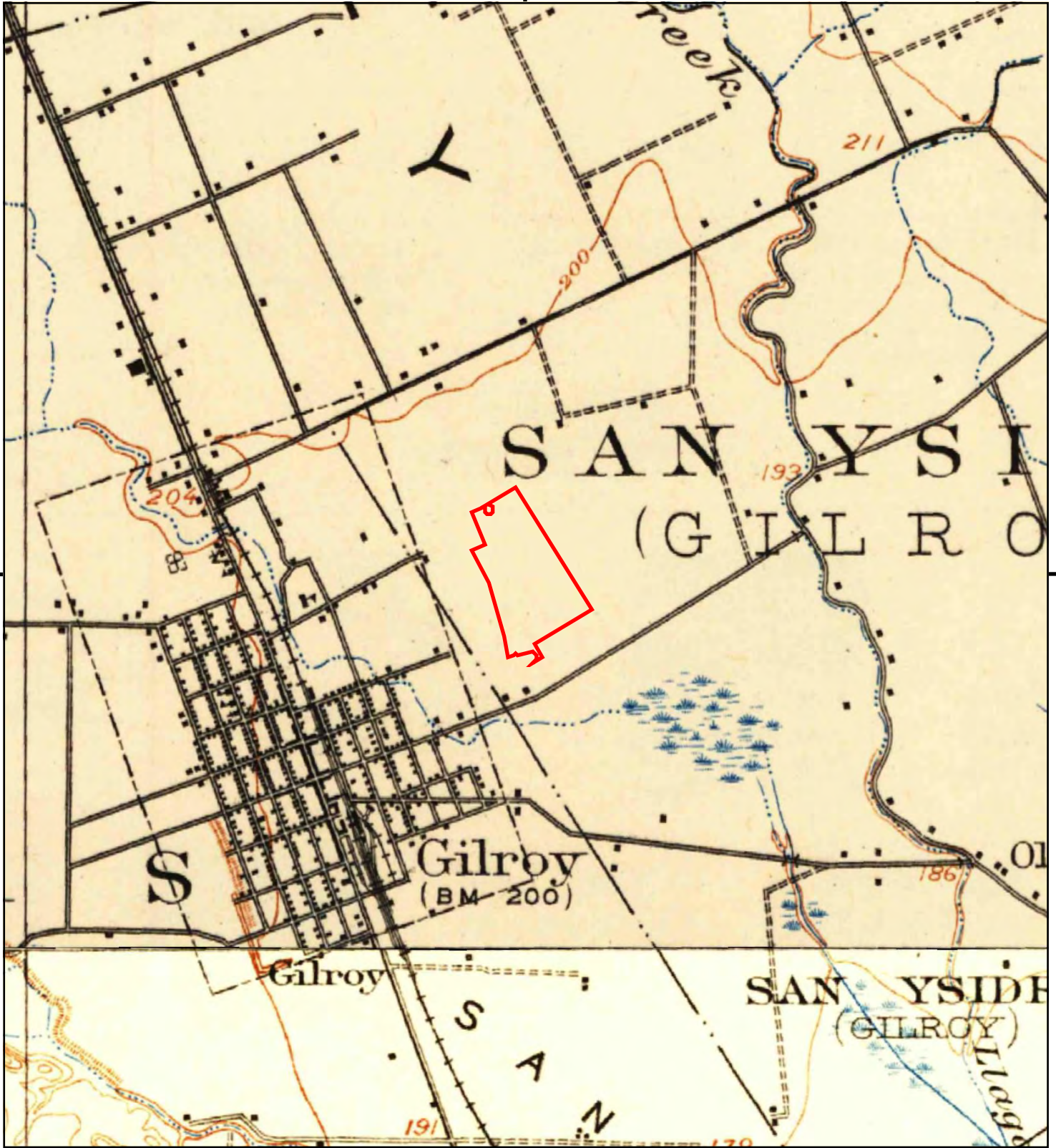
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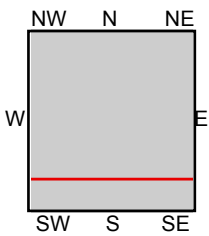
TP, Morgan Hill, 1939, 15-minute  
S, San Juan Bautista, 1939, 15-minute

SITE NAME: SFO069  
ADDRESS: CAMINO ARROYO  
GILROY, CA 95020  
CLIENT: ERM - West, Inc.





This report includes information from the following map sheet(s).



TP, Morgan Hill, 1917, 15-minute  
S, San Juan Bautista, 1917, 15-minute

SITE NAME: SFO069  
ADDRESS: CAMINO ARROYO  
GILROY, CA 95020  
CLIENT: ERM - West, Inc.





**SFO069**

CAMINO ARROYO

GILROY, CA 95020

Inquiry Number: 5800372.8

September 23, 2019

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

09/23/19

**Site Name:**

SFO069  
CAMINO ARROYO  
GILROY, CA 95020  
EDR Inquiry # 5800372.8

**Client Name:**

ERM - West, Inc.  
1277 Treat Blvd  
Walnut Creek, CA 94597  
Contact: Giorgio Molinaro



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:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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
1998	1"=500'	Acquisition Date: August 21, 1998	USGS/DOQQ
1982	1"=500'	Flight Date: July 10, 1982	USDA
1974	1"=500'	Flight Date: July 12, 1974	USGS
1970	1"=500'	Flight Date: April 24, 1970	USGS
1968	1"=500'	Flight Date: June 14, 1968	USGS
1963	1"=500'	Flight Date: June 24, 1963	EDR Proprietary Aerial Viewpoint
1956	1"=500'	Flight Date: October 15, 1956	USDA
1950	1"=500'	Flight Date: March 06, 1950	USDA
1939	1"=500'	Flight Date: October 20, 1939	USDA

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INQUIRY #: 5800372.8

YEAR: 2016

— = 500'





INQUIRY #: 5800372.8

YEAR: 2012

— = 500'





INQUIRY #: 5800372.8

YEAR: 2009

— = 500'







INQUIRY #: 5800372.8

YEAR: 2006

— = 500'





INQUIRY #: 5800372.8

YEAR: 1998

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY #: 5800372.8

YEAR: 1982

— = 500'



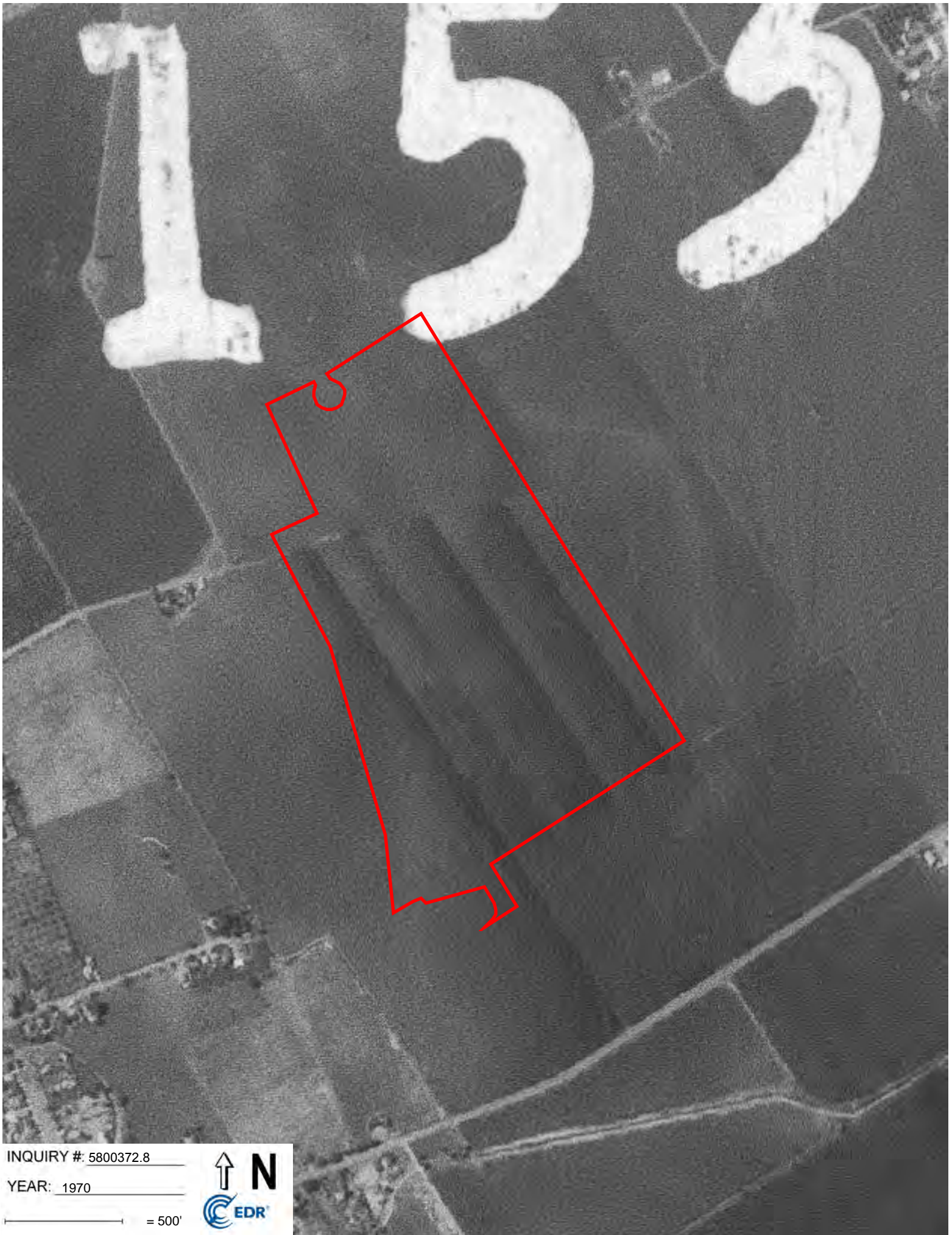


INQUIRY #: 5800372.8

YEAR: 1974

— = 500'





INQUIRY #: 5800372.8

YEAR: 1970

— = 500'





INQUIRY #: 5800372.8

YEAR: 1968

— = 500'





INQUIRY #: 5800372.8

YEAR: 1963

— = 500'





INQUIRY #: 5800372.8

YEAR: 1956

— = 500'



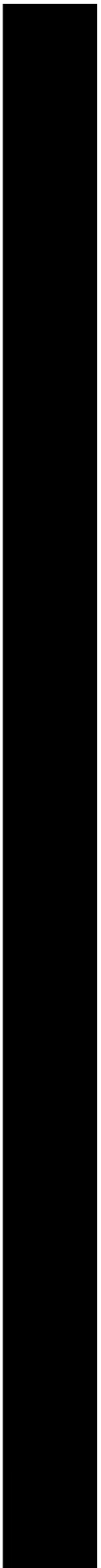




INQUIRY #: 5800372.8

YEAR: 1950

— = 500'





INQUIRY #: 5800372.8

YEAR: 1939

— = 500'



**SFO069**

CAMINO ARROYO  
GILROY, CA 95020

Inquiry Number: 5800372.5  
September 27, 2019

# The EDR-City Directory Image Report

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### SECTION

Executive Summary

Findings

City Directory Images

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

**infoUSA**<sup>®</sup>

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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.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1986	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1980	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1970	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

## FINDINGS

### TARGET PROPERTY STREET

CAMINO ARROYO  
GILROY, CA 95020

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<b><u>CAMINO ARROYO</u></b>			
2014	pg A2	EDR Digital Archive	
2010	pg A4	EDR Digital Archive	
2005	pg A6	EDR Digital Archive	
2000	pg A8	EDR Digital Archive	
1995	pg A10	EDR Digital Archive	
1992	pg A13	EDR Digital Archive	
1986	pg A15	Haines Criss-Cross Directory	
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Polk's City Directory	Street not listed in Source
1964	-	Polk's City Directory	Street not listed in Source

### **CAMINO ARROYO DR**

1995	pg A11	EDR Digital Archive	
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## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### ARROYO CIR

2014	pg. A1	EDR Digital Archive	
2010	pg. A3	EDR Digital Archive	
2005	pg. A5	EDR Digital Archive	
2000	pg. A7	EDR Digital Archive	
1995	pg. A9	EDR Digital Archive	
1992	pg. A12	EDR Digital Archive	
1986	pg. A14	Haines Criss-Cross Directory	
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source
1970	-	Polk's City Directory	Street not listed in Source
1964	-	Polk's City Directory	Street not listed in Source

## **City Directory Images**



**ARROYO CIR 2014**

7500	PRO-CHECK SOLUTIONS SOUTHPOINT BUSINESS PARK ASSOC
7510	WILLIAMS DENTAL LAB
7520	ALLEN PANG MD BILES LAGEN A CATHERINE SNIVELY MD DUKE CAROL J KAISER FOUNDATION HOSPITALS POON EILEEN W OD
7700	RAP4 REAL ACTION PAINTBALL INC
7800	CARRILLO, RAYMOND G CENTRAL COAST NEPHROLOGY OFFICE OF THE LEGISLATIVE COUN
7810	GILROY CMTY DAY SCHOOL GILROY SCHL FCLITIES FING AUTH GILROY UNIFIED SCHOOL DISTRICT PRESCHOOL SOUTH COUNTY
7900	GILROY PARTNERS SEE-GRINS INC
7950	OCB RESTAURANT COMPANY LLC
8155	7 FOR ALL MANKIND ELI, TAHARI ZALE DELAWARE INC
8200	APPLE GILROY INC
8225	SHOE PALACE CORPORATION
8300	ADIDAS AMERICA INC DONNA KARAN COMPANY LLC GYMBOREE CORPORATION US POLO ASSN
8325	C & J CLARK AMERICA INC TRUE RELIGION JEANS

**CAMINO ARROYO 2014**

7181 SEES CANDIES  
7201 MARSHALLS OF MA INC  
7210 NEWMAN DEVELOPMENT GROUP OF  
7251 ARII MAIKO OD  
COSTCO WHOLESALE CORPORATION  
DR ANDREW LU  
7475 SCVHHS  
SOUTH CNTY MENTL HLTH CAMINO  
8055 CAMINO ARROYO PROPERTIES LLC  
RUGGERI-JENSEN-AZAR & ASSOC  
8075 FULL SPECTRUM MACHINING INC  
PIRANHA PLASTICS INC  
8100 ACTIVATEK INC  
JEFF APPLGATE

**ARROYO CIR 2010**

7500	BABY NUTRITIONAL CARE SOUTHPOINT BUSINESS PARK
7510	WILLIAMS DENTAL LAB
7520	GILROY MEDICAL OFFICES KAISER FOUNDATION HLTH PLAN INC
7700	REPLICO CORPORATION
7800	CARRILLO RAYMOND R MD CENTRAL COAST NEPHROLOGY LEGISLATIVE OFFICE STATE OF CA
7810	GILROY UNIFIED SCHOOL DISTRICT GUSD PRE-SCH-POWER
7950	OCB RESTAURANT COMPANY LLC
8155	LIZ, CLAIBORNE ROBERT, TALBOTT ROHIT KUMAR CALENDAR CLUB
8200	APPLE GILROY INC
8225	FASHIONS OUTLET AMERICA INC LE, CREUSET
8300	ANNE, KLEIN CASTEEL, DAENA CHARLOTTE, RUSSE KENNETH, COLE LACOSTE PAPER PLUS 906 TOMMY KIDS
8325	TRUE RELIGION JEANS ULTRA STORES INC

**CAMINO ARROYO 2010**

7151	LOWES HOME CENTERS INC
7171	M M M CARPETS UNLIMITED INC
	OCCUPANT UNKNOWN, SLEEP TRAIN INC
7201	SPIRIT HALLOWEEN
7210	NEWMAN DEVELOPMENT GROUP OF
7251	ARII MAIKO OD
	COSTCO WHOLESALE CORPORATION DR ANDREW LU
7475	SCVHHS
	VALLEY HLTH CTR AT SAN MARTIN
8055	CAMINO ARROYO PROPERTIES LLC
	RUGGERI-JENSEN-AZAR & ASSOC
8075	FULL SPECTRUM MACHINING INC
8095	GOLDEN PACIFIC SURVEYS
	RADIATION DETECTION COMPANY

## ARROYO CIR 2005

7520	GILROY MEDICAL OFFICES KAISER FOUNDATION HEALTH PLAN
7700	REPLICO WEST INC
7800	CARRILLO RAYMOND R MD CARRILLO, RAYMOND R DAVITA INC SAN JOSE SILICON VALLEY
7810	GILROY UNIFIED SCHOOL DISTRICT
7900	CELLULAR WAREHOUSE INC NATIONAL VISION INC PORTRAIT CORP AMERICA INC TAPIO DR ARMANDO A WAL-MART STORES INC
7950	HOMETOWN BUFFET INC
8100	WON IK QUARTZ GROUP USA
8155	CANDIES ELEGANT ILLUSIONS LIZ, CLAIBORNE NINE WEST FOOTWEAR CORPORATION SAK ELLIOTT WILSONS THE LEATHER EXPERTS
8200	APPLE GILROY INC
8225	ECKO INC FASHIONS OUTLET OF AMERICA GRACIES COCINA LE, CREUSET NINE WEST FOOTWEAR CORPORATION SCHILLER STORES INC
8300	CALVIN, KLEIN CHARLOTTE, RUSSE CHILDRENS PLACE RET STORES INC ETNIES FASHIONS OUTLET OF AMERICA FLAP DOODLES IZOD OULET INC KENNETH, COLE PAPER PLUS 906 PERRY ELLIS PERRY, ELLIS ROBERT, SCOTT SKECHERS USA SPRINGMAID, WAMSUTTA VENTUS NETWORKS
8325	LOREAL USA INC MOVADO STORE

**CAMINO ARROYO 2005**

7110 QUICK STUFF  
7150 DAVI NAIL  
7151 LOWES HOME CENTERS INC  
7171 MMM CARPETS UNLIMITED INC  
SLEEP TRAIN  
7181 CALIFORNIA HOME RESORT  
7201 LINENS N THINGS INC  
8055 CAMINO ARROYO PROPERTIES LLC  
RUGGERI-JENSEN-AZAR & ASSOC  
8075 FULL SPECTRUM MACHINING INC  
MTS MFG INC  
8095 RADIATION DETECTION COMPANY  
8100 ELDORADO TECHNICAL SERVICE  
8120 CHARTER CMMUNICATIONS PRPTS LLC

**ARROYO CIR 2000**

7520	TPMG GILORY LAB
7800	CARRILLO RAYMOND R MD EMPLOYMENT DEVELOPMENT CA DEPT
7810	GILROY UNIFIED SCHOOL DST
7900	CELLULAR WAREHOUSE INC TAPIO DR ARMANDO A VISTA EYECARE INC WAL-MART STORES INC
8100	DUSAN TOOLS
8155	AILEEN ELEGANT ILLUSIONS JONES NEW YORK SPORT LAUREN BY RALPH LAUREN LIZ, CLAIBOR NINE WEST GROUP INC ROCKY MOUNTAIN CHOCOLATE FCTRY ZALE DELAWARE INC
8200	APPLE GILROY INC
8225	OCCUPANT UNKNOWN, SCHILLER STORES INC
8300	ERIKS DELICAFE FLAP DOODLES GH BASS 704 IZOD OULET INC OCCUPANT UNKNOWN, SKECHERS USA
8325	BASS SHOE OUTLET CAPE ISLE KNITTERS OUTLET ULTRA STORES INC

**CAMINO ARROYO 2000**

8100 SCIENTIFIC GAMES INTERNATIONAL



**ARROYO CIR 1995**

7520 KAISER FOUNDATION HEALTH PLAN  
7700 MATTHEWS METAL PRODUCTS INC  
7800 CENTER FOR EMPLOYMENT TRAINING  
SOUTH COUNTY DIALYSIS  
7810 GILROY UNIFIED SCHOOL DST  
7900 TAPIO DR ARMANDO A  
WAL MART VISION CENTER  
8100 DUSAN TOOLS INC  
8155 CHAMPION, HANES  
HANES ACTIVE WEAR  
HARVE BENARD LTD  
JOHN HENRY & FRIENDS  
LIZ, C  
TOYS UNLIMITED  
UNITED STATES SHOE CORPORATION  
8200 APPLE GILROY INC  
8225 CHAUS RETAIL INC  
8300 BROOKS BROTHERS INC (DE)  
POUR LE BEBE  
8375 CORNING INCORPORATED  
SIERRA DESIGNS

**CAMINO ARROYO 1995**

8120 SECURITY PACKAGING INC

**CAMINO ARROYO DR 1995**

8100 SCIENTIFIC GAMES INC

**ARROYO CIR 1992**

7520 KAISER FOUNDATION HEALTH PLAN  
PERMANENTE MEDICAL GROUP  
7700 MATTHEWS METAL PRODUCTS INC  
7810 GILROY HIGH SCHOOL  
GILROY UNIFIED SCHOOL DISTRICT  
8100 DUSAN TOOLS INC  
8155 AMERICAN TOURISTER INC (IN)  
CAPEZIO SHOES  
GLEN INVESTORS INC  
HANES ACTIVE WEAR  
HARVE BENARD  
HARVE, BENARD  
JORDACHE OUTLET  
LILY OF FRANCE  
RIBBON OUTLET  
TOYS UNLIMITED  
VANHEUSEN FACTORY STORE  
8225 BARBIZON LINGERIE  
8375 CAROLE LITTLE  
CORNIING REVERE FACTORY STORE  
J H COLLECTIBLES  
LEVI OUTLET  
SASSAFRAS FACTORY OUTLET  
SIERRA DESIGNS

**CAMINO ARROYO 1992**

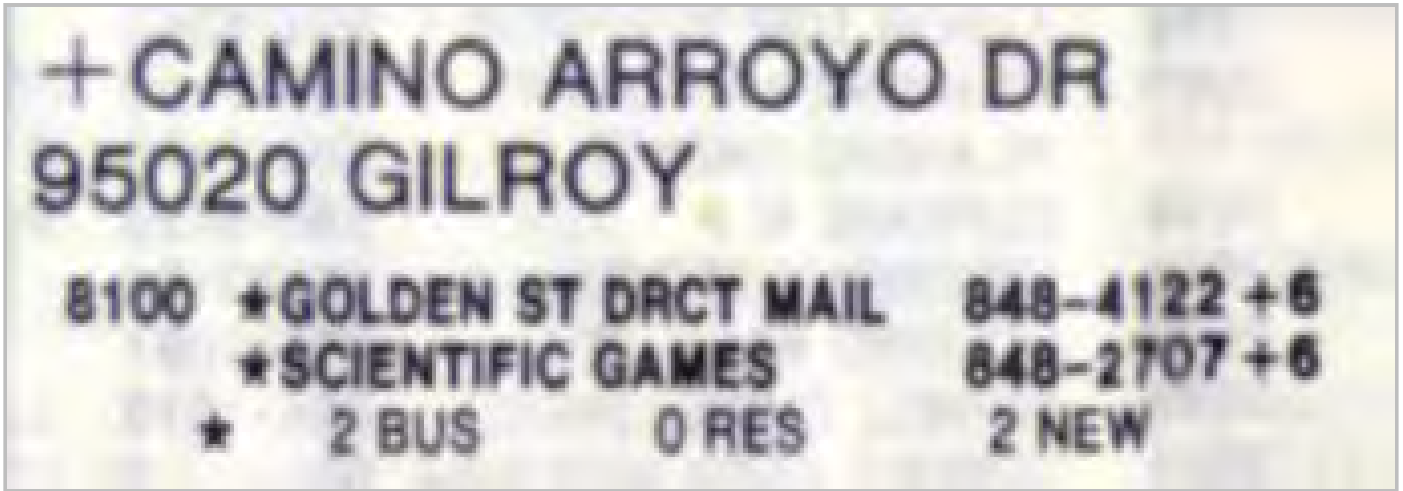
8100 SCIENTIFIC GAMES INC  
8120 SECURITY PACKAGING INC

ARROYO CIR 1986

+ ARROYO CIR 95020  
GILROY

7520	★ KAISER MDCL OFC	848-3434 +6
7530	★ LAS ANIMAS TECH PRK	847-1141 +6
8100	★ BEST ELCTL CO THE	848-3759 +6
	★ DUSAN EQUIP CORP	848-4500 +6
	★ DUSAN EQUIP CORP	848-4520 +6
★	5 BUS	0 RES
		5 NEW

**CAMINO ARROYO 1986**



**Appendix C**  
**Prior Reports and Other**  
**Relevant Information**





# USER QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-13

To: \_\_\_\_\_ From: \_\_\_\_\_  
 At: \_\_\_\_\_ At: \_\_\_\_\_  
 Fax: \_\_\_\_\_ Pages: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Date: \_\_\_\_\_

Site Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

The USER the Phase One ESA should provide the following information to ERM. Please fill in this form to the best of your ability, explaining any "Yes" answers on a separate sheet of paper. The User is not obligated to provide this information, however failure to provide the following will be listed in the Phase I ESA as a datagap. Please provide these answers prior to ERM's site visit.

- Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

Have you checked for these environmental cleanup liens?  Yes  No  
 Are you aware of any such liens against the subject property?  Yes  No

- Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

Are you aware of any possible AULs involving the subject site?  Yes  No

- Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties?  Yes  No

- Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below FMV, the User should consider whether it might be because contamination may be present at the property.

Is the purchase price significantly below fair market value?  Yes  No

- Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

Do you know of any obvious indicators of possible contamination on or near the site?  Yes  No

- Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

b. Describe any specific chemicals that may have been present at the property: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

c. Describe any other information that may help us identify possible contamination: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

\_\_\_\_\_  
**Your Signature** \_\_\_\_\_ **Date** \_\_\_\_\_ **# of separate sheets attached:** \_\_\_\_\_  
 Explain Yes answers on a separate sheet.



# Memorandum

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<b>To</b>	Sarah Whitney – AWS
<b>CC</b>	Audrey Fremier, Mathew Bamm and Grant McInnes – Arup
<b>From</b>	Ian Utz, Giorgio Molinario, Jason Goetz, and Chimi Yi, P.G. – ERM
<b>Date</b>	22 November 2019
<b>Subject</b>	Shallow Soil Sampling Results Assessor's Parcel Number (APN) 841-69-039, Camino Arroyo, Gilroy, California

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Amazon Web Services (AWS or "Client") retained ERM-West, Inc. (ERM) to conduct a limited shallow soil sampling at the approximately 56.33-acre property located at APN 841-69-039 on Camino Arroyo in Gilroy, Santa Clara County, California (the "Site" or "Subject Property").

## 1. BACKGROUND AND OBJECTIVES

By the 1930s, the Site was developed for agricultural purposes. Since the 1990s, the surrounding properties and roadways including Camino Arroyo were developed, and two surface soil piles appeared at the north and south portions of the Site. The Site is owned by South Point Business Park Associates, and is located within a mixed commercial, industrial, and agricultural land use area. The Site was used for agricultural purposes until October 2019, when surface soils across the Site were tilled to a depth of approximately 1.5-feet below ground surface (bgs). No structures are present at the Site with the exception of a small concrete pad associated with a historical groundwater irrigation well.

Based on a limited review of regional contamination databases, regional shallow groundwater is contaminated with perchlorate, which originates from an Olin Corporation property located approximately 7-miles northwest of the Site. This site is actively being investigated under the oversight of the Central Valley Regional Water Quality Control Board (CVRWQCB; Case No. S297).

The purpose of this investigation was to evaluate the potential for shallow impacts resulting from:

- **Historical Agricultural Operations.** The Site and surrounding properties have historically been developed for agricultural purposes since at least the 1930s. Regional agricultural operations have the potential to have applied agricultural chemicals, including herbicides, pesticides, and/or heavy metals, to the ground surface. As such, ERM collected soil samples from within a one-acre or smaller grid, in accordance with the Interim Guidance for Sampling Agricultural Properties (Third Revision) California Department of Toxic Substances Control (DTSC) California Environmental Protection Agency, 7 August 2008. The shallow soil sampling was designed to assess whether constituents from historical agricultural chemical use or, in certain cases, naturally occurring background concentrations, exceed risk-based screening levels.

- **Surficial Groundwater Application.** Site occupants historically applied extracted groundwater to the shallow soil and this groundwater has the potential to be contaminated with perchlorate. Although this was considered unlikely, ERM analyzed select surface soil samples for the potential presence of perchlorate.
- **Impacted Soil Piles.** Based on the unknown origin and unknown soil characteristics of the north and south soil piles they have the potential to be impacted by such constituents as heavy metals, agricultural chemicals, perchlorate, and total petroleum hydrocarbons (TPH) as diesel (TPH-d) and motor oil (TPH-mo). As such, ERM analyzed representative soil pile samples for these constituents to evaluate if these constituents are present above risk-based screening levels.

This memorandum summarizes the scope and findings of the shallow soil sampling.

## 2. SCOPE OF WORK

ERM mobilized to the Site on 22 October 2019 and collected shallow soil samples using either the soil jars directly for the agricultural field, or a hand auger that was decontaminated between sampling locations for the soil piles. Soil samples were collected in laboratory-provided sample jars that were placed in coolers with ice. ERM performed the following limited soil sampling at the Site:

- **Agricultural Soil.** ERM collected shallow soil samples from approximately 0 to 3-inches bgs from 60 locations throughout the Site, consisting of 15 sets (i.e., 1 to 15) of four nearby locations (i.e., A, B, C, and D), as depicted on Figure 2. The analytical laboratory combined each of the 15 soil sample sets (i.e., 1A/B/C/D to 15A/B/C/D) into four-point composites, which were analyzed for organochlorine pesticides (OCPs) and California Administrative Manual-17 (CAM-17) metals. Three of the soil sample sets (2A/B/C/D, 9A/B/C/D, and 11A/B/C/D) were also analyzed for organophosphorus pesticides (OPPs), chlorinated herbicides, and perchlorate.
- **Soil Piles.** ERM collected soil samples via hand auger from depths of approximately 2-feet below the pile surface at two locations at the north pile (N1 and N2) and from depths of approximately 1-foot below the pile surface at two locations the south pile (S1 and S2), which were analyzed for CAM-17 metals, OCPs, TPH-d, and TPH-mo. One of the samples (N1) was also analyzed for OPPs, chlorinated herbicides, and perchlorate. Samples 1A/B/C/D, 2A/B/C/D, 14A/B/C/D, and 15A/B/C/D have some or all of the sample aliquots collected in proximity of the soil piles from surficial soil. Due to the fact that the soil piles do not have exact boundaries these surficial samples are considered part of the agricultural soil data set and not the 1-foot depth samples intentionally collected from the soil piles (N1, N2, S1, S2).

ERM used a handheld global positioning system device to obtain the location of each soil location, which is accurate to within approximately 30-feet. ERM submitted samples to Eurofins Test America, a California-certified laboratory located in Pleasanton, California for analysis according to the following standards:

- California Administrative Manual (CAM-17) heavy metals<sup>1</sup> by United States Environmental Protection Agency (USEPA) Methods 6010B and 7471A;
- Selected aliquots (2-A/B/C/D, 9-A/B/C/D, and 11-A/B/C/D) were analyzed for arsenic by USEPA Method 6010B without compositing.
- OCPs by USEPA Method 8081A;
- OPPs by USEPA Method 8141A;
- Chlorinated herbicides by USEPA Method 8151A;
- TPH-d and TPH-mo by USEPA Method 8015B; and
- Perchlorate by USEPA Method 6850.

ERM also collected an equipment rinsate sample from the decontaminated hand auger, which was analyzed for CAM-17 metals, OCPs, TPH-d, and TPH-mo, by USEPA Methods 6010B/7470A, 8081A, and 8015B, respectively.

## 2.1 Screening Criteria

Based on ERM's understanding of existing and potential future land use activities at the Subject Property, ERM compared analyte concentrations to the following screening levels:

- **2019 Environmental Screening Levels.** ERM compared all analyte concentrations to the 2019, Revision 2, San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs). ERM screened the soil results against the following ESLs: 1) direct exposure human health risk to construction workers (*Direct Exposure Human Health Risk Levels [Table S-1]*); 2) direct exposure human health risk in a commercial/industrial land use scenario (*Direct Exposure Human Health Risk Levels [Table S-1]*); and 3) soil leaching to groundwater (*Leaching to Groundwater Levels [Table S-3]*) (SFRWQCB, 2019)
- **Regional Background Concentrations.** For those concentration values which did not exceed ESLs, ERM also compared analyte concentrations to average regional background concentrations, as referenced in *Background Concentrations of Trace and Major Elements in California Soils* (University of California, 1996) and *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region* (Duvergé, 2011).

ESL or background concentration exceedances are highlighted in Tables 1A, 1B, 2A, and 2B, and are discussed in the following sections.

## 3. INVESTIGATION RESULTS

Data collected as part of this investigation are summarized in the following subsections.

---

<sup>1</sup> 2-A/B/C/D, 9-A/B/C/D, and 11-A/B/C/D were also analyzed for arsenic by USEPA Method 6010B.

### 3.1 Field Observations

Shallow soil lithology encountered outside the soil piles during this investigation included primarily fine-grained materials including silts and clays with sand and gravel, to depths of approximately 0.5-feet bgs. Groundwater was not encountered.

### 3.2 Analytical Results

The analytical results for the soil sample collected are discussed in this section and Attachment A presents the laboratory analytical report. ERM subjected the laboratory analytical results to a data quality review. No significant data quality issues were identified. The review found that all data, including qualified data, could be used for decision-making purposes.

#### 3.2.1 Agricultural Soil

##### Organics

Table 1A presents the analytical results for pesticides, herbicides, and perchlorate in agricultural soil. No OPPs, chlorinated herbicides, or perchlorate were detected in soil collected from the three composite samples (12 locations) sampled: 2-A/B/C/D, 9-A/B/C/D, or 11-A/B/C/D. The following OCPs were detected in agricultural soil samples, with maximum concentrations indicated in parentheses: dieldrin (14 micrograms per kilogram [ $\mu\text{g}/\text{Kg}$ ] in 9A/B/C/D), 4,4'-dichlorodiphenyltrichloro-ethane (DDT) (39  $\mu\text{g}/\text{kg}$  in 6A/B/C/D), 4,4'-dichlorodiphenyldichloroethylene (DDE) (220  $\mu\text{g}/\text{kg}$  in 6A/B/C/D and 12A/B/C/D), 4,4'-dichlorodiphenyldichloroethane (DDD) (14  $\mu\text{g}/\text{kg}$  in 14A/B/C/D), and toxaphene (200  $\mu\text{g}/\text{kg}$  in 4A/B/C/D and 6A/B/C/D). Of the detected analytes, only dieldrin was detected in excess of the ESLs selected. Dieldrin was detected in excess of the soil leaching to groundwater ESL in all but two soil samples, but was below the direct exposure ESLs for construction workers and commercial workers.

##### Heavy Metals

Table 2A presents the analytical results for heavy metals in agricultural soil. All CAM-17 metals were detected, except for cadmium, molybdenum, selenium, silver, and thallium. Of the detected analytes, only arsenic (maximum concentration of 3.9 milligrams per kilogram [ $\text{mg}/\text{Kg}$ ] in 15-A), cobalt (maximum concentration of 30  $\text{mg}/\text{Kg}$  in 1A/B/C/D, 8A/B/C/D, and 13A/B/C/D), and nickel (maximum concentration of 170  $\text{mg}/\text{kg}$  in 1A/B/C/D, 3A/B/C/D, 4A/B/C/D, and 6-A/B/C/D) were detected in excess of the ESLs; however, these metals were detected within the published range of background concentrations for arsenic, cobalt, and nickel (11  $\text{mg}/\text{Kg}$ , 46.9  $\text{mg}/\text{Kg}$ , and 509  $\text{mg}/\text{Kg}$ , respectively). Antimony (two samples up to 2.6  $\text{mg}/\text{kg}$ ) and mercury (one sample at 2.7  $\text{mg}/\text{Kg}$ ) were detected below their respective ESLs, although above published background concentrations.

#### 3.2.2 Soil Piles

##### Organics

Table 1B presents the analytical results for TPH, pesticides, herbicides, and perchlorate in soil piles. No OPPs, chlorinated herbicides, or perchlorate were detected in soil collected from soil piles.

TPH-d was detected in all four soil pile samples (maximum concentration of 14 mg/Kg in N1), and TPH-mo was detected in two of the four soil pile samples (maximum concentration of 62 mg/Kg in S1). All TPH results were well below the ESLs for soil leaching to groundwater, commercial land use, and construction worker exposure.

OCPs were detected in soil pile samples, with maximum concentrations included in parentheses: dieldrin (9.5 µg/Kg in S2), 4,4'-DDT (30 µg/kg in S2), 4,4'-DDE (240 µg/kg in S2), 4,4'-DDD (11 µg/kg in S1), and toxaphene (210 µg/kg in S2). Of the detected analytes, only dieldrin was detected in excess of the ESLs selected. Dieldrin was detected in two of the soil pile samples (S1 and S2) in excess of the soil leaching to groundwater ESL, but below the construction worker and commercial worker direct exposure ESLs.

### Heavy Metals

Table 2B presents the analytical results for metals in soil piles. All CAM-17 metals were detected, except for antimony, cadmium, molybdenum, selenium, silver, and thallium. Of the detected analytes, only arsenic (maximum concentration of 5.5 mg/Kg in S1), cobalt (maximum concentration of 38 mg/Kg in S1), and nickel (maximum concentration of 210 mg/kg in S1) were detected in excess of the ESLs; however, arsenic, cobalt, and nickel were within the range of published background concentrations.

### **3.2.3 Rinsate Sample**

No heavy metals, OCPs, or TPH were detected in the equipment rinsate sample collected from the decontaminated hand auger. These results did not identify potential sample cross-contamination issues from the hand auger used during sampling.

## **4. CONCLUSIONS**

The same analytes were generally detected in excess of screening criteria in samples collected from the agricultural soil and soil piles. Based on the soil analyses described above the shallow soil at the Site can be characterized as follows:

### **4.1 Agricultural Soil**

- **Heavy metals:** selected samples contained arsenic, cobalt, and nickel concentrations in excess of their respective ESLs, but within the natural background concentrations. Antimony (two samples) and mercury (one sample) were present above their natural background concentrations, but below their respective ESLs. Overall, there is no strong apparent trend in the heavy metals distributions; however, sample 1A/B/C/D appears to have some of the higher metals concentrations and this is consistent with the proximity/overlap with the southern soil pile. One outlier appears to be soil sample 3A/B/C/D with a mercury concentration above that of the other samples; however, this concentration was below the applicable ESLs.
- **Organochlorine Pesticides:** DDD, DDE, DDT, dieldrin and toxaphene were detected. Only dieldrin was above the soil leaching to groundwater ESL. All pesticides were below the commercial land use and construction worker ESLs. Overall, there is no strong apparent

trend in the pesticide distributions; however, the areas of higher concentrations appear to be generally to the west.

- **Herbicides, OPPs, and perchlorate** were not detected.

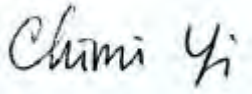
## 4.2 Soil Piles

- **Heavy metals:** arsenic, cobalt, and nickel were present at concentrations above their respective ESLs, but within their published natural background concentrations. Overall, there is no strong apparent trend in the heavy metals distributions.
- **Petroleum hydrocarbons:** low levels of TPH-diesel (up to 14 mg/kg) and TPH-motor oil (up to 62 mg/kg) well below the groundwater protection, commercial land use, and construction worker ESLs.
- **Organochlorine Pesticides:**
  - **Southern Soil Pile:** DDD, DDE, DDT, dieldrin and toxaphene were detected. Only dieldrin was above the soil leaching to groundwater ESL, but below the construction worker and commercial worker direct exposure ESLs.
  - **Northern Soil Pile:** no pesticides were detected. The pesticide results suggest that soil in the northern soil pile has a different origin than soil in the agricultural field and southern soil pile.
- **Herbicides, OPPs, and perchlorate** were not detected in either soil pile.

Based on the results of the soil samples collected and evaluated against the selected screening criteria, ERM did not identify significant impacts to surface soils for the sampled analytes, which would preclude the continued or future use of the Subject Property for commercial/industrial purposes. Although the presence of residual OCPs is typical of agricultural soil, the presence of dieldrin above the soil leaching to groundwater ESL suggests that regulatory agency concurrence or mitigation measures may be required. In addition, because OCPs and heavy metals are present in Site soils, it would be prudent to include them in considerations for construction worker safety.

## 5. CLOSING

ERM appreciates the opportunity to complete this assignment. Should you have any questions, please contact the undersigned.



Chimi Yi, P.G.  
*Senior Consultant*



Giorgio Molinario  
*Project Manager*



Jason Goetz  
*Partner-in-Charge*

**Attachments:**

Table 1A – Organic Constituents in Agricultural Soil

Table 1B – Organic Constituents in Soil Piles

Table 2A – Heavy Metals in Agricultural Soil

Table 2B – Heavy Metals in Soil Piles

Figure 1 - Site Location Map

Figure 2 - Sample Location Map

Attachment A – Laboratory Analytical Report



## TABLES

Table 1A - Organic Constituents in Agricultural Soil																
Group	Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)											
			Direct Exposure Human Health Risk Levels (Table S-1)	Direct Exposure Human Health Risk Levels (Table S-1)	Leaching to Groundwater Levels (Table S-3)	720-95707-5	720-95707-10	720-95707-15	720-95707-20	720-95707-25	720-95707-30	720-95707-35	720-95707-40	720-95707-45	720-95707-50	
			Construction Worker	Commercial/Industrial Shallow Soil	Assuming Drinking Water	1A,B,C,D	2A,B,C,D	3A,B,C,D	4A,B,C,D	5A,B,C,D	6A,B,C,D	7A,B,C,D	8A,B,C,D	9A,B,C,D	10A,B,C,D	
Organochlorine Pesticides	Aldrin	µg/Kg	1.00E+03	1.50E+02	8.40E+03	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Dieldrin	µg/Kg	1.10E+03	1.60E+02	4.60E-01	<9.8	3.6	7.7	9.3	5.6	9.4	8.4	6.7	14	5.8	
	Erin aldehyde	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Erin	µg/Kg	7.40E+04	2.90E+05	7.60E+00	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Erin ketone	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Heptachlor	µg/Kg	3.70E+03	5.30E+02	4.40E+04	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Heptachlor epoxide	µg/Kg	1.90E+03	2.80E+02	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	4,4'-DDT	µg/Kg	5.70E+04	8.50E+03	5.60E+03	<9.8	3.2	29	33	18	39	17	18	30	6.8	
	4,4'-DDE	µg/Kg	5.70E+04	8.30E+03	2.90E+04	660	110	190	180	130	220	180	140	200	150	
	4,4'-DDD	µg/Kg	8.10E+04	1.20E+04	6.50E+04	27	6.5	4.3	5.1	2.5	5.9	4.3	<1.9	6.6	9.2	
	Eosulfan I	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Eosulfan II	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	alpha-BHC	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	beta-BHC	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	gamma-BHC (Liane)	µg/Kg	1.60E+04	2.50E+03	7.40E+00	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	delta-BHC	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Eosulfan sulfate	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Methoxychlor	µg/Kg	1.20E+06	4.80E+07	1.30E+01	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Toxaphene	µg/Kg	1.40E+04	2.20E+03	2.50E+05	<200	110	140	200	150	200	170	120	170	56	
	Chlordane (technical)	µg/Kg	1.40E+04	2.20E+03	2.30E+04	<200	<39	<39	<40	<40	<38	<38	<39	<39	<39	
	cis-Chlordane	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	trans-Chlordane	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<1.9	<2.0	
	Organophosphorous Pesticides	Azinphos-methyl	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--
		Bolstar	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--
		Chlorpyrifos	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--
Coumaphos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Demeton, Total		µg/Kg	NE	NE	NE	--	<64	--	--	--	--	--	--	<64	--	
Diazinon		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Dichlorvos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Dimethoate		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Disulfoton		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
EPN		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Famphur		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Fensulfthion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Fenthion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Malathion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Methyl parathion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Mevinphos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
O,O,O-Triethyl phosphorothioate		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Parathion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Phorate		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Ronnel		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Stirophos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Sulfotepp		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Tokuthion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Trichloronate		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Mocap		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--	
Thionazin	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	--		
Herbicides	2,4-D	µg/Kg	NE	NE	NE	--	<80	--	--	--	--	--	--	<79	--	
	2,4,5-T	µg/Kg	NE	NE	NE	--	<20	--	--	--	--	--	--	<20	--	
	Silvex (2,4,5-TP)	µg/Kg	NE	NE	NE	--	<20	--	--	--	--	--	--	<20	--	
Perchlorate	Perchlorate	µg/Kg	2.50E+05	8.20E+05	NE	--	<4.9	--	--	--	--	--	--	<4.9	--	

Value exceeds lowest ESL.

Notes:  
 =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).  
 µg/Kg =Micrograms per kilogram.  
 NE =Not established.  
 <# =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Fouation of Soil Science at University of California (1996) a Duverge (2011).  
 -- =Not analyzed.  
 For each respective ESL, the stated value is the lowest value between cancer a non-cancer risk.

Table 1A - Organic Constituents in Agricultural Soil										
Group	Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	720-95707-55 11A,B,C,D 10/22/2019	720-95707-60 12A,B,C,D 10/22/2019	720-95707-65 13A,B,C,D 10/22/2019	720-95707-70 14A,B,C,D 10/22/2019	720-95707-75 15A,B,C,D 10/22/2019
			Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Organochlorine Pesticides	Aldrin	µg/Kg	1.00E+03	1.50E+02	8.40E+03	<1.9	<2.0	<2.0	<2.0	<1.9
	Dieldrin	µg/Kg	1.10E+03	1.60E+02	4.60E-01	3.5	<2.0	4	4.2	2.1
	Erin aldehyde	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Erin	µg/Kg	7.40E+04	2.90E+05	7.60E+00	<1.9	<2.0	<2.0	<2.0	<1.9
	Erin ketone	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Heptachlor	µg/Kg	3.70E+03	5.30E+02	4.40E+04	<1.9	<2.0	<2.0	<2.0	<1.9
	Heptachlor epoxide	µg/Kg	1.90E+03	2.80E+02	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	4,4'-DDT	µg/Kg	5.70E+04	8.50E+03	5.60E+03	8	11	10	9.4	2.5
	4,4'-DDE	µg/Kg	5.70E+04	8.30E+03	2.90E+04	140	220	160	160	30
	4,4'-DDD	µg/Kg	8.10E+04	1.20E+04	6.50E+04	8.6	12	7.7	14	2.4
	Eosulfan I	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Eosulfan II	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	alpha-BHC	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	beta-BHC	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	gamma-BHC (Liane)	µg/Kg	1.60E+04	2.50E+03	7.40E+00	<1.9	<2.0	<2.0	<2.0	<1.9
	delta-BHC	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Eosulfan sulfate	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Methoxychlor	µg/Kg	1.20E+06	4.80E+07	1.30E+01	<1.9	<2.0	<2.0	<2.0	<1.9
	Toxaphene	µg/Kg	1.40E+04	2.20E+03	2.50E+05	58	160	96	120	52
	Chlordane (technical)	µg/Kg	1.40E+04	2.20E+03	2.30E+04	<38	<40	<40	<40	<38
cis-Chlordane	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9	
trans-Chlordane	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9	
Organophosphorous Pesticides	Azinphos-methyl	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Bolstar	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Chlorpyrifos	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Coumaphos	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Demeton, Total	µg/Kg	NE	NE	NE	<65	--	--	--	--
	Diazinon	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Dichlorvos	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Dimethoate	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Disulfoton	µg/Kg	NE	NE	NE	<32	--	--	--	--
	EPN	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Famphur	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Fensulfthion	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Fenthion	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Malathion	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Methyl parathion	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Mevinphos	µg/Kg	NE	NE	NE	<32	--	--	--	--
	O,O,O-Triethyl phosphorothioate	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Parathion	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Phorate	µg/Kg	NE	NE	NE	<32	--	--	--	--
	Ronnel	µg/Kg	NE	NE	NE	<32	--	--	--	--
Stirophos	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Sulfotepp	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Tokuthion	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Trichloronate	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Mocap	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Thionazin	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Herbicides	2,4-D	µg/Kg	NE	NE	NE	<80	--	--	--	--
	2,4,5-T	µg/Kg	NE	NE	NE	<20	--	--	--	--
	Silvex (2,4,5-TP)	µg/Kg	NE	NE	NE	<20	--	--	--	--
Perchlorate	µg/Kg	2.50E+05	8.20E+05	NE	<4.8	--	--	--	--	

Value exceeds lowest ESL.

Notes:  
 =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).  
 µg/Kg =Micrograms per kilogram.  
 NE =Not established.  
 # =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Fouation of Soil Science at University of California (1996) a Duverge (2011).  
 -- =Not analyzed.  
 For each respective ESL, the stated value is the lowest value between cancer a non-cancer risk.

Table 1B - Organic Constituents in Soil Piles									
Group	Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	720-95707-76 N1 10/22/2019	720-95707-77 N2 10/22/2019	720-95707-78 S1 10/22/2019	720-95707-79 S2 10/22/2019
			Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water				
Total Petroleum Hydrocarbons	Diesel Range Organics [C10-C28]	mg/Kg	1.10E+03	1.20E+03	1.10E+03	14	3.8	11	4.2
	Motor Oil Range Organics [C24-C36]	mg/Kg	5.40E+04	1.80E+05	NE	58	<49	62	<48
Organochlorine Pesticides	Aldrin	µg/Kg	1.00E+03	1.50E+02	8.40E+03	<1.9	<1.9	<2.0	<2.0
	Dieldrin	µg/Kg	1.10E+03	1.60E+02	4.60E+01	<1.9	<1.9	4.8	9.5
	Endrin aldehyde	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Endrin	µg/Kg	7.40E+04	2.90E+05	7.60E+00	<1.9	<1.9	<2.0	<2.0
	Endrin ketone	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Heptachlor	µg/Kg	3.70E+03	5.30E+02	4.40E+04	<1.9	<1.9	<2.0	<2.0
	Heptachlor epoxide	µg/Kg	1.90E+03	2.80E+02	NE	<1.9	<1.9	<2.0	<2.0
	4,4'-DDT	µg/Kg	5.70E+04	8.50E+03	5.60E+03	<1.9	<1.9	9.4	30
	4,4'-DDE	µg/Kg	5.70E+04	8.30E+03	2.90E+04	<1.9	<1.9	230	240
	4,4'-DDD	µg/Kg	8.10E+04	1.20E+04	6.50E+04	<1.9	<1.9	11	9.5
	Endosulfan I	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Endosulfan II	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	alpha-BHC	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	beta-BHC	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	gamma-BHC (Lindane)	µg/Kg	1.60E+04	2.50E+03	7.40E+00	<1.9	<1.9	<2.0	<2.0
	delta-BHC	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Endosulfan sulfate	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Methoxychlor	µg/Kg	1.20E+06	4.80E+07	1.30E+01	<1.9	<1.9	<2.0	<2.0
	Toxaphene	µg/Kg	1.40E+04	2.20E+03	2.50E+05	<39	<38	88	210
	Chlordane (technical)	µg/Kg	1.40E+04	2.20E+03	2.30E+04	<39	<38	<39	<39
cis-Chlordane	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0	
trans-Chlordane	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0	
Organophosphorous Pesticides	Azinphos-methyl	µg/Kg	NE	NE	NE	<33	--	--	--
	Bolstar	µg/Kg	NE	NE	NE	<33	--	--	--
	Chlorpyrifos	µg/Kg	NE	NE	NE	<33	--	--	--
	Coumaphos	µg/Kg	NE	NE	NE	<33	--	--	--
	Demeton, Total	µg/Kg	NE	NE	NE	<66	--	--	--
	Diazinon	µg/Kg	NE	NE	NE	<33	--	--	--
	Dichlorvos	µg/Kg	NE	NE	NE	<33	--	--	--
	Dimethoate	µg/Kg	NE	NE	NE	<33	--	--	--
	Disulfoton	µg/Kg	NE	NE	NE	<33	--	--	--
	EPN	µg/Kg	NE	NE	NE	<33	--	--	--
	Famphur	µg/Kg	NE	NE	NE	<33	--	--	--
	Fensulfthion	µg/Kg	NE	NE	NE	<33	--	--	--
	Fenthion	µg/Kg	NE	NE	NE	<33	--	--	--
	Malathion	µg/Kg	NE	NE	NE	<33	--	--	--
	Methyl parathion	µg/Kg	NE	NE	NE	<33	--	--	--
	Mevinphos	µg/Kg	NE	NE	NE	<33	--	--	--
	O,O,O-Triethyl phosphorothioate	µg/Kg	NE	NE	NE	<33	--	--	--
	Parathion	µg/Kg	NE	NE	NE	<33	--	--	--
	Phorate	µg/Kg	NE	NE	NE	<33	--	--	--
	Ronnel	µg/Kg	NE	NE	NE	<33	--	--	--
Stirophos	µg/Kg	NE	NE	NE	<33	--	--	--	
Sulfotepp	µg/Kg	NE	NE	NE	<33	--	--	--	
Tokuthion	µg/Kg	NE	NE	NE	<33	--	--	--	
Trichloronate	µg/Kg	NE	NE	NE	<33	--	--	--	
Mocap	µg/Kg	NE	NE	NE	<33	--	--	--	
Thionazin	µg/Kg	NE	NE	NE	<33	--	--	--	
Herbicides	2,4-D	µg/Kg	NE	NE	NE	<79	--	--	--
	2,4,5-T Silvex (2,4,5-TP)	µg/Kg	NE	NE	NE	<20	--	--	--
Perchlorate	Perchlorate	µg/Kg	2.50E+05	8.20E+05	NE	<4.9	--	--	--

Value exceeds lowest ESL.

- Notes:  
 ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).  
 µg/Kg =Micrograms per kilogram.  
 mg/Kg =Milligrams per kilogram.  
 NE =Not established.  
 ND<# =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1996) and Duverge (2011).  
 -- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-5 1A,B,C,D 10/22/2019	720-95707-6 2A 10/22/2019	720-95707-10 2A,B,C,D 10/22/2019	720-95707-15 3A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.8	--	<1.3	<1.9
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.6	3.7	<2.6	<3.7
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	180	--	170	200
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.42	--	0.38	0.46
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.45	--	<0.32	<0.46
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	170	--	150	160
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	30	--	27	29
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	51	--	48	46
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	11	--	8.5	9.1
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.13	--	0.088	2.7
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.8	--	<1.3	<1.9
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	170	--	150	170
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.6	--	<2.6	<3.7
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.90	--	<0.65	<0.93
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.8	--	<1.3	<1.9
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	120	--	100	110
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	77	--	64	69

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

**Notes:**

ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).

mg/Kg =Milligrams per kilogram.

NE =Not established.

ND&lt;# =Not detected above stated laboratory detection limit.

\*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1996) and Duverge (2011).

-- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer

Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-16 4A 10/22/2019	720-95707-20 4A,B,C,D 10/22/2019	720-95707-25 5A,B,C,D 10/22/2019	720-95707-30 6A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	--	2.6	1.9	2.1
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.9	3	<3.8	<2.9
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	--	210	190	210
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	--	0.63	0.59	0.64
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	--	<0.32	<0.48	<0.37
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	--	130	140	140
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	--	27	24	27
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	--	52	45	51
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	--	10	9.3	11
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	--	0.071	0.099	0.068
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	--	<1.3	<1.9	<1.5
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	--	170	150	170
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	--	<2.5	<3.8	<2.9
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	--	<0.64	<0.96	<0.74
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	--	<1.3	<1.9	<1.5
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	--	89	93	93
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	--	71	67	72

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

**Notes:**

- ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level  
mg/Kg =Milligrams per kilogram.  
NE =Not established.  
ND<# =Not detected above stated laboratory detection limit.  
\*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1981)  
-- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-35 7A,B,C,D 10/22/2019	720-95707-40 8A,B,C,D 10/22/2019	720-95707-41 9A 10/22/2019	720-95707-45 9A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.4	<1.5	--	<2.0
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<2.9	<3.0	<2.9	<4.0
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	170	220	--	210
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.41	0.59	--	0.63
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.36	<0.37	--	<0.50
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	130	120	--	120
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	27	30	--	26
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	40	42	--	45
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	7.1	7.9	--	9.4
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.19	0.2	--	0.063
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.4	<1.5	--	<2.0
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	160	160	--	150
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<2.9	<3.0	--	<4.0
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.72	<0.74	--	<1.0
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.4	<1.5	--	<2.0
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	97	92	--	88
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	59	62	--	69

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

- Notes:**
- ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level
  - mg/Kg =Milligrams per kilogram.
  - NE =Not established.
  - ND<# =Not detected above stated laboratory detection limit.
  - \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1982)
  - =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-50 10A,B,C,D 10/22/2019	720-95707-51 11A 10/22/2019	720-95707-55 11A,B,C,D 10/22/2019	720-95707-60 12A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.5	--	<1.5	<2.0
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.0	<3.4	<3.0	<4.0
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	200	--	180	200
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.67	--	0.66	0.74
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.38	--	<0.38	<0.50
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	130	--	130	140
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	27	--	28	27
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	44	--	42	48
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	8.9	--	8.7	9.7
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.074	--	0.086	0.062
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.5	--	<1.5	<2.0
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	160	--	160	160
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.0	--	<3.0	<4.0
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.75	--	<0.76	<1.0
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.5	--	<1.5	<2.0
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	96	--	100	100
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	67	--	62	71

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

**Notes:**

- ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level  
mg/Kg =Milligrams per kilogram.  
NE =Not established.  
ND<# =Not detected above stated laboratory detection limit.  
\*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1982)  
-- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.



Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-65 13A,B,C,D 10/22/2019	720-95707-70 14A,B,C,D 10/22/2019	720-95707-71 15A 10/22/2019	720-95707-75 15A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.9	<1.9	--	<2.0
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.8	<3.8	3.9	<3.9
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	180	160	--	190
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.51	0.5	--	0.59
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.47	<0.48	--	<0.49
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	120	130	--	110
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	30	27	--	22
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	43	42	--	37
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	8.9	8.5	--	13
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.092	0.12	--	0.081
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.9	<1.9	--	<2.0
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	150	150	--	120
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.8	<3.8	--	<3.9
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.94	<0.96	--	<0.98
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.9	<1.9	--	<2.0
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	95	99	--	82
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	59	63	--	59

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

- Notes:**
- ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level
  - mg/Kg =Milligrams per kilogram.
  - NE =Not established.
  - ND<# =Not detected above stated laboratory detection limit.
  - \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1982)
  - =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

Table 2B - Heavy Metals in Soil Piles

Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-76	720-95707-77	720-95707-78	720-95707-79
		Direct Exposure Human Health Risk Levels (Table C-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table C-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table C-2) Assuming Drinking Water		N1	N2	S1	S2
						10/22/2019	10/22/2019	10/22/2019	10/22/2019
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.6	<1.6	<2.0	<1.8
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	4	4.8	5.5	<3.7
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	260	170	260	170
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.91	0.65	0.69	0.5
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.40	<0.40	<0.50	<0.46
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	43	41	190	120
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	12	11	38	27
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	29	32	62	44
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	10	8.2	14	9.2
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.04	0.05	0.06	0.07
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.6	<1.6	<2.0	<1.8
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	34	51	210	160
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.2	<3.2	<4.0	<3.7
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.80	<0.81	<1.0	<0.92
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.6	<1.6	<2.0	<1.8
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	54	50	150	110
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	53	55	97	67

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

## Notes:

ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).

mg/Kg =Milligrams per kilogram.

NE =Not established.

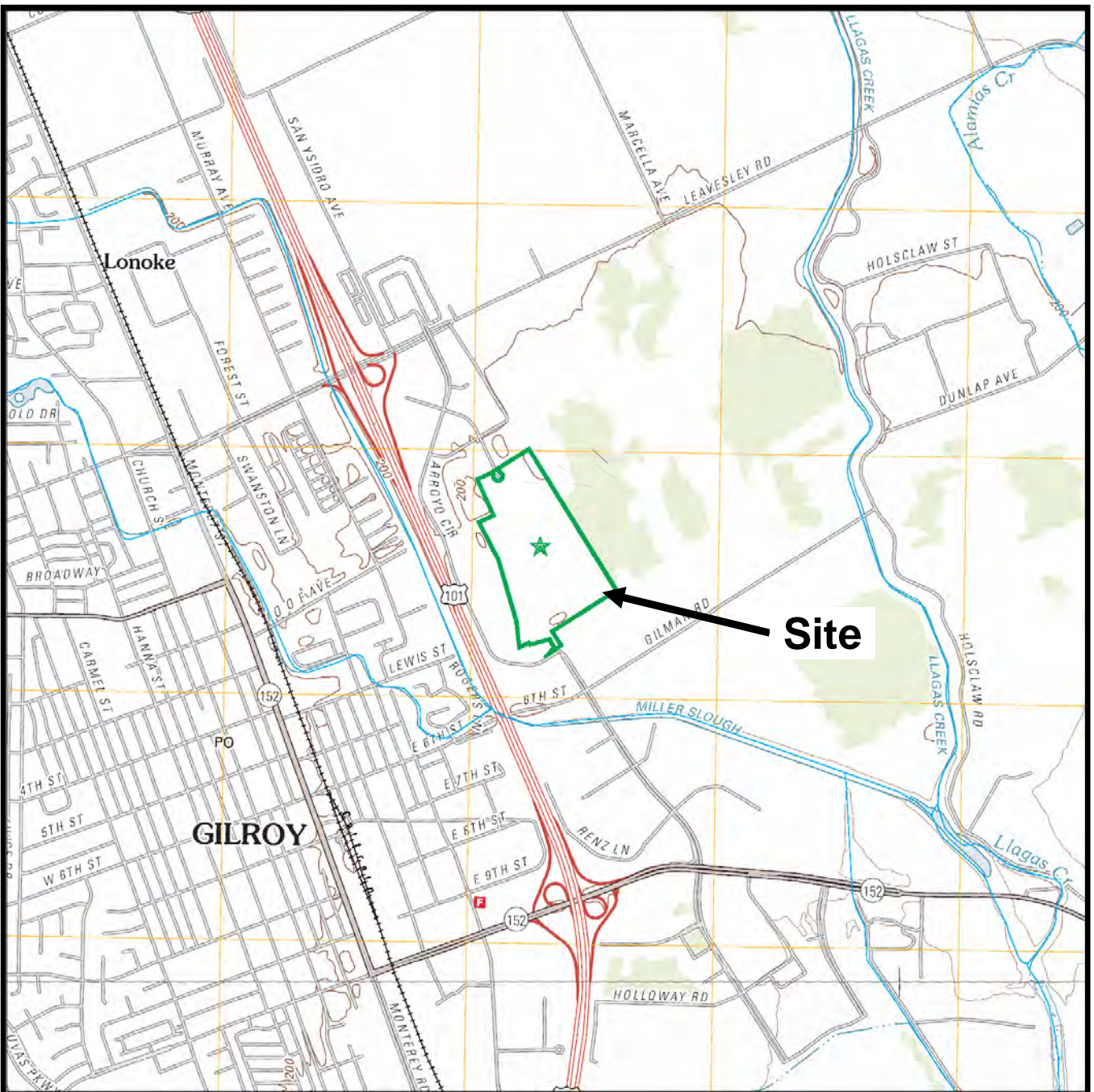
ND&lt;# =Not detected above stated laboratory detection limit.

\*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1996) and Duverge (2011).

-- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

## FIGURES



— Approximate Site Boundary

SOURCE: Gilroy and Chittenden, California 7.5 Minute Topographic Quadrangles, 2012



**SITE LOCATION MAP**  
**SFO069 Due Diligence**  
**Assessor's Parcel Number 841-69-039 Camino Arroyo**  
**Gilroy, California**

Figure  
**1**



**SAMPLE LOCATION MAP**  
 SFO069 Due Diligence  
 Assessor's Parcel Number 841-69-039 Camino Arroyo  
 Gilroy, California

**ATTACHMENT A LABORATORY ANALYTICAL REPORT**

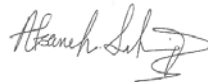
## ANALYTICAL REPORT

Eurofins TestAmerica, Pleasanton  
1220 Quarry Lane  
Pleasanton, CA 94566  
Tel: (925)484-1919

Laboratory Job ID: 720-95707-1  
Client Project/Site: Camino Arroyo

For:  
ERM-West  
114 Sansome Street, Suite 750  
San Francisco, California 94104

Attn: Giorgio Molinaro



---

Authorized for release by:  
11/8/2019 9:27:42 AM

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



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# Definitions/Glossary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Qualifiers

### GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

### Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Job ID: 720-95707-1**

**Laboratory: Eurofins TestAmerica, Pleasanton**

## Narrative

### Job Narrative 720-95707-1

#### Comments

No additional comments.

#### Receipt

The samples were received on 10/23/2019 12:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 3.2° C, 3.7° C and 5.1° C.

#### GC Semi VOA

Method 8141A: The continuing calibration verification (CCV) associated with batch 296331 recovered above the upper control limit for most analytes of interest. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8141A: The continuing calibration verification (CCV) associated with batch 296331 recovered outside acceptance criteria, low biased, for Demeton. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 720-275275 and analytical batch 720-275602 were outside control limits. Sample matrix interference and non-homogeneity are suspected because the associated laboratory control sample (LCS) precision was within acceptance limits.

Method 8081A: The following samples were diluted to bring the concentration of target analytes within the calibration range: 1A,B,C,D (720-95707-5). Elevated reporting limits (RLs) are provided.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDT for the following samples: 10A,B,C,D (720-95707-50). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for Toxaphene for the following samples: 12A,B,C,D (720-95707-60). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for Toxaphene and 4,4'-DDE for the following samples: 15A,B,C,D (720-95707-75). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for Toxaphene for the following sample: S1 (720-95707-78). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for Toxaphene for the following samples: 3A,B,C,D (720-95707-15). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

Method 8081A: The %RPD between the primary and confirmation column exceeded 40% for 4,4'-DDE for the following samples: 2A,B,C,D (720-95707-10). The lower value(s) has been reported and qualified in accordance with the laboratory's SOP.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

#### Metals

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 720-275169 and analytical batch 720-275432 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 6010B: The post digestion spike % recovery for Silver-0.4%, Arsenic-0.9%, Barium-0.8%, Beryllium-0.9%, Cadmium-0.9%, Cobalt-0.9%, Chromium-0.8%, Copper-0.9%, Molybdenum-0.9%, Nickel-0.8%, Lead-0.8%, Antimony-0.9%, Selenium-0.9%, Thallium-0.9%, Vanadium-0.9% and Zinc-0.8% associated with batch 720-275432 was outside of control limits. The following sample is

# Case Narrative

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

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## Job ID: 720-95707-1 (Continued)

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### Laboratory: Eurofins TestAmerica, Pleasanton (Continued)

impacted: (720-95707-A-5-C PDS ^4).

Method 6010B: The following samples were diluted due to the abundance of non-target analytes: 1A,B,C,D (720-95707-5), 2A,B,C,D (720-95707-10), 3A,B,C,D (720-95707-15), 4A (720-95707-16), 4A,B,C,D (720-95707-20), 5A,B,C,D (720-95707-25), 6A,B,C,D (720-95707-30), 7A,B,C,D (720-95707-35), (720-95707-A-5-A MS), (720-95707-A-5-B MSD), (720-95707-A-5-C PDS ^4) and (720-95707-A-5-C SD ^20). Elevated reporting limits (RLs) are provided.

Method 6010B: The following samples were diluted due to the abundance of non-target analytes: 2A (720-95707-6), N2 (720-95707-77), S1 (720-95707-78), S2 (720-95707-79) . Elevated reporting limits (RLs) are provided.

Method 6010B: The following samples were diluted due to the abundance of non-target analytes: 1A,B,C,D (720-95707-5), 2A,B,C,D (720-95707-10), 3A,B,C,D (720-95707-15), 4A (720-95707-16), 4A,B,C,D (720-95707-20), 5A,B,C,D (720-95707-25), 6A,B,C,D (720-95707-30), 7A,B,C,D (720-95707-35), 8A,B,C,D (720-95707-40), 9A (720-95707-41), 9A,B,C,D (720-95707-45), 10A,B,C,D (720-95707-50), 11A (720-95707-51), 11A,B,C,D (720-95707-55), 12A,B,C,D (720-95707-60), 13A,B,C,D (720-95707-65), 14A,B,C,D (720-95707-70), 15A (720-95707-71), 15A,B,C,D (720-95707-75), N1 (720-95707-76), (720-95707-A-5-A MS), (720-95707-A-5-B MSD), (720-95707-A-5-C PDS) and (720-95707-A-5-C SD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method 7471A: The following samples were diluted to bring the concentration of target analytes within the calibration range: 3A,B,C,D (720-95707-15). Elevated reporting limits (RLs) are provided.

### LCMS

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

### Organic Prep

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 1A,B,C,D

## Lab Sample ID: 720-95707-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	660		9.8		ug/Kg	5		8081A	Total/NA
4,4'-DDD	27		9.8		ug/Kg	5		8081A	Total/NA
Barium	180	F1	1.8		mg/Kg	4		6010B	Total/NA
Beryllium	0.42	F1	0.36		mg/Kg	4		6010B	Total/NA
Chromium	170	F1	1.8		mg/Kg	4		6010B	Total/NA
Cobalt	30	F1	0.72		mg/Kg	4		6010B	Total/NA
Copper	51	F1	5.4		mg/Kg	4		6010B	Total/NA
Lead	11	F1	1.8		mg/Kg	4		6010B	Total/NA
Nickel	170	F1	1.8		mg/Kg	4		6010B	Total/NA
Vanadium	120	F1	1.8		mg/Kg	4		6010B	Total/NA
Zinc	77	F1	5.4		mg/Kg	4		6010B	Total/NA
Mercury	0.13		0.014		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 2A

## Lab Sample ID: 720-95707-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.7		3.3		mg/Kg	4		6010B	Total/NA

## Client Sample ID: 2A,B,C,D

## Lab Sample ID: 720-95707-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	3.6		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDT	3.2		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	110	p	1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDD	6.5		1.9		ug/Kg	1		8081A	Total/NA
Toxaphene	110		39		ug/Kg	1		8081A	Total/NA
Barium	170		1.3		mg/Kg	4		6010B	Total/NA
Beryllium	0.38		0.26		mg/Kg	4		6010B	Total/NA
Chromium	150		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.52		mg/Kg	4		6010B	Total/NA
Copper	48		3.9		mg/Kg	4		6010B	Total/NA
Lead	8.5		1.3		mg/Kg	4		6010B	Total/NA
Nickel	150		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	100		1.3		mg/Kg	4		6010B	Total/NA
Zinc	64		3.9		mg/Kg	4		6010B	Total/NA
Mercury	0.088		0.014		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 3A,B,C,D

## Lab Sample ID: 720-95707-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	7.7		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	29		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	190		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	4.3		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	140	p	39		ug/Kg	1		8081A	Total/NA
Barium	200		1.9		mg/Kg	4		6010B	Total/NA
Beryllium	0.46		0.37		mg/Kg	4		6010B	Total/NA
Chromium	160		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	29		0.74		mg/Kg	4		6010B	Total/NA
Copper	46		5.6		mg/Kg	4		6010B	Total/NA
Lead	9.1		1.9		mg/Kg	4		6010B	Total/NA
Nickel	170		1.9		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 3A,B,C,D (Continued)

Lab Sample ID: 720-95707-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	110		1.9		mg/Kg	4		6010B	Total/NA
Zinc	69		5.6		mg/Kg	4		6010B	Total/NA
Mercury	2.7		0.033		mg/Kg	2		7471A	Total/NA

## Client Sample ID: 4A

Lab Sample ID: 720-95707-16

No Detections.

## Client Sample ID: 4A,B,C,D

Lab Sample ID: 720-95707-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	9.3		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	33		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	180		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	5.1		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	200		40		ug/Kg	1		8081A	Total/NA
Antimony	2.6		1.3		mg/Kg	4		6010B	Total/NA
Arsenic	3.0		2.5		mg/Kg	4		6010B	Total/NA
Barium	210		1.3		mg/Kg	4		6010B	Total/NA
Beryllium	0.63		0.25		mg/Kg	4		6010B	Total/NA
Chromium	130		1.3		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.51		mg/Kg	4		6010B	Total/NA
Copper	52		3.8		mg/Kg	4		6010B	Total/NA
Lead	10		1.3		mg/Kg	4		6010B	Total/NA
Nickel	170		1.3		mg/Kg	4		6010B	Total/NA
Vanadium	89		1.3		mg/Kg	4		6010B	Total/NA
Zinc	71		3.8		mg/Kg	4		6010B	Total/NA
Mercury	0.071		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 5A,B,C,D

Lab Sample ID: 720-95707-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	5.6		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	18		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	130		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	2.5		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	150		40		ug/Kg	1		8081A	Total/NA
Antimony	1.9		1.9		mg/Kg	4		6010B	Total/NA
Barium	190		1.9		mg/Kg	4		6010B	Total/NA
Beryllium	0.59		0.38		mg/Kg	4		6010B	Total/NA
Chromium	140		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	24		0.77		mg/Kg	4		6010B	Total/NA
Copper	45		5.8		mg/Kg	4		6010B	Total/NA
Lead	9.3		1.9		mg/Kg	4		6010B	Total/NA
Nickel	150		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	93		1.9		mg/Kg	4		6010B	Total/NA
Zinc	67		5.8		mg/Kg	4		6010B	Total/NA
Mercury	0.099		0.014		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 6A,B,C,D

Lab Sample ID: 720-95707-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	9.4		1.9		ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 6A,B,C,D (Continued)

## Lab Sample ID: 720-95707-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	39		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	220		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDD	5.9		1.9		ug/Kg	1		8081A	Total/NA
Toxaphene	200		38		ug/Kg	1		8081A	Total/NA
Antimony	2.1		1.5		mg/Kg	4		6010B	Total/NA
Barium	210		1.5		mg/Kg	4		6010B	Total/NA
Beryllium	0.64		0.29		mg/Kg	4		6010B	Total/NA
Chromium	140		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.59		mg/Kg	4		6010B	Total/NA
Copper	51		4.4		mg/Kg	4		6010B	Total/NA
Lead	11		1.5		mg/Kg	4		6010B	Total/NA
Nickel	170		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	93		1.5		mg/Kg	4		6010B	Total/NA
Zinc	72		4.4		mg/Kg	4		6010B	Total/NA
Mercury	0.068		0.014		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 7A,B,C,D

## Lab Sample ID: 720-95707-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	8.4		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDT	17		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	180		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDD	4.3		1.9		ug/Kg	1		8081A	Total/NA
Toxaphene	170		38		ug/Kg	1		8081A	Total/NA
Barium	170		1.4		mg/Kg	4		6010B	Total/NA
Beryllium	0.41		0.29		mg/Kg	4		6010B	Total/NA
Chromium	130		1.4		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.58		mg/Kg	4		6010B	Total/NA
Copper	40		4.3		mg/Kg	4		6010B	Total/NA
Lead	7.1		1.4		mg/Kg	4		6010B	Total/NA
Nickel	160		1.4		mg/Kg	4		6010B	Total/NA
Vanadium	97		1.4		mg/Kg	4		6010B	Total/NA
Zinc	59		4.3		mg/Kg	4		6010B	Total/NA
Mercury	0.19		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 8A,B,C,D

## Lab Sample ID: 720-95707-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	6.7		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDT	18		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	140		1.9		ug/Kg	1		8081A	Total/NA
Toxaphene	120		39		ug/Kg	1		8081A	Total/NA
Barium	220		1.5		mg/Kg	4		6010B	Total/NA
Beryllium	0.59		0.30		mg/Kg	4		6010B	Total/NA
Chromium	120		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	30		0.59		mg/Kg	4		6010B	Total/NA
Copper	42		4.4		mg/Kg	4		6010B	Total/NA
Lead	7.9		1.5		mg/Kg	4		6010B	Total/NA
Nickel	160		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	92		1.5		mg/Kg	4		6010B	Total/NA
Zinc	62		4.4		mg/Kg	4		6010B	Total/NA
Mercury	0.20		0.015		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 9A

Lab Sample ID: 720-95707-41

No Detections.

## Client Sample ID: 9A,B,C,D

Lab Sample ID: 720-95707-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	14		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDT	30		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	200		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDD	6.6		1.9		ug/Kg	1		8081A	Total/NA
Toxaphene	170		39		ug/Kg	1		8081A	Total/NA
Barium	210		2.0		mg/Kg	4		6010B	Total/NA
Beryllium	0.63		0.40		mg/Kg	4		6010B	Total/NA
Chromium	120		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	26		0.80		mg/Kg	4		6010B	Total/NA
Copper	45		6.0		mg/Kg	4		6010B	Total/NA
Lead	9.4		2.0		mg/Kg	4		6010B	Total/NA
Nickel	150		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	88		2.0		mg/Kg	4		6010B	Total/NA
Zinc	69		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.063		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 10A,B,C,D

Lab Sample ID: 720-95707-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	5.8		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	6.8	p	2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	150		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	9.2		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	56		39		ug/Kg	1		8081A	Total/NA
Barium	200		1.5		mg/Kg	4		6010B	Total/NA
Beryllium	0.67		0.30		mg/Kg	4		6010B	Total/NA
Chromium	130		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.60		mg/Kg	4		6010B	Total/NA
Copper	44		4.5		mg/Kg	4		6010B	Total/NA
Lead	8.9		1.5		mg/Kg	4		6010B	Total/NA
Nickel	160		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	96		1.5		mg/Kg	4		6010B	Total/NA
Zinc	67		4.5		mg/Kg	4		6010B	Total/NA
Mercury	0.074		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 11A

Lab Sample ID: 720-95707-51

No Detections.

## Client Sample ID: 11A,B,C,D

Lab Sample ID: 720-95707-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	3.5		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDT	8.0		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	140		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDD	8.6		1.9		ug/Kg	1		8081A	Total/NA
Toxaphene	58		38		ug/Kg	1		8081A	Total/NA
Barium	180		1.5		mg/Kg	4		6010B	Total/NA
Beryllium	0.66		0.30		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 11A,B,C,D (Continued)

## Lab Sample ID: 720-95707-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	130		1.5		mg/Kg	4		6010B	Total/NA
Cobalt	28		0.61		mg/Kg	4		6010B	Total/NA
Copper	42		4.5		mg/Kg	4		6010B	Total/NA
Lead	8.7		1.5		mg/Kg	4		6010B	Total/NA
Nickel	160		1.5		mg/Kg	4		6010B	Total/NA
Vanadium	100		1.5		mg/Kg	4		6010B	Total/NA
Zinc	62		4.5		mg/Kg	4		6010B	Total/NA
Mercury	0.086		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 12A,B,C,D

## Lab Sample ID: 720-95707-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDT	11		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	220		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	12		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	160	p	40		ug/Kg	1		8081A	Total/NA
Barium	200		2.0		mg/Kg	4		6010B	Total/NA
Beryllium	0.74		0.40		mg/Kg	4		6010B	Total/NA
Chromium	140		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.80		mg/Kg	4		6010B	Total/NA
Copper	48		6.0		mg/Kg	4		6010B	Total/NA
Lead	9.7		2.0		mg/Kg	4		6010B	Total/NA
Nickel	160		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	100		2.0		mg/Kg	4		6010B	Total/NA
Zinc	71		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.062		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 13A,B,C,D

## Lab Sample ID: 720-95707-65

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	4.0		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	10		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	160		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	7.7		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	96		40		ug/Kg	1		8081A	Total/NA
Barium	180		1.9		mg/Kg	4		6010B	Total/NA
Beryllium	0.51		0.38		mg/Kg	4		6010B	Total/NA
Chromium	120		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	30		0.75		mg/Kg	4		6010B	Total/NA
Copper	43		5.7		mg/Kg	4		6010B	Total/NA
Lead	8.9		1.9		mg/Kg	4		6010B	Total/NA
Nickel	150		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	95		1.9		mg/Kg	4		6010B	Total/NA
Zinc	59		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.092		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 14A,B,C,D

## Lab Sample ID: 720-95707-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	4.2		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	9.4		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	160		2.0		ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton



# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 14A,B,C,D (Continued)

## Lab Sample ID: 720-95707-70

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	14		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	120		40		ug/Kg	1		8081A	Total/NA
Barium	160		1.9		mg/Kg	4		6010B	Total/NA
Beryllium	0.50		0.38		mg/Kg	4		6010B	Total/NA
Chromium	130		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	27		0.77		mg/Kg	4		6010B	Total/NA
Copper	42		5.8		mg/Kg	4		6010B	Total/NA
Lead	8.5		1.9		mg/Kg	4		6010B	Total/NA
Nickel	150		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	99		1.9		mg/Kg	4		6010B	Total/NA
Zinc	63		5.8		mg/Kg	4		6010B	Total/NA
Mercury	0.12		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: 15A

## Lab Sample ID: 720-95707-71

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.9		3.2		mg/Kg	4		6010B	Total/NA

## Client Sample ID: 15A,B,C,D

## Lab Sample ID: 720-95707-75

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	2.1		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.5		1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDE	30	p	1.9		ug/Kg	1		8081A	Total/NA
4,4'-DDD	2.4		1.9		ug/Kg	1		8081A	Total/NA
Toxaphene	52	p	38		ug/Kg	1		8081A	Total/NA
Barium	190		2.0		mg/Kg	4		6010B	Total/NA
Beryllium	0.59		0.39		mg/Kg	4		6010B	Total/NA
Chromium	110		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	22		0.78		mg/Kg	4		6010B	Total/NA
Copper	37		5.9		mg/Kg	4		6010B	Total/NA
Lead	13		2.0		mg/Kg	4		6010B	Total/NA
Nickel	120		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	82		2.0		mg/Kg	4		6010B	Total/NA
Zinc	59		5.9		mg/Kg	4		6010B	Total/NA
Mercury	0.081		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: N1

## Lab Sample ID: 720-95707-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	14		2.0		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	58		49		mg/Kg	1		8015B	Total/NA
Arsenic	4.0		3.2		mg/Kg	4		6010B	Total/NA
Barium	260		1.6		mg/Kg	4		6010B	Total/NA
Beryllium	0.91		0.32		mg/Kg	4		6010B	Total/NA
Chromium	43		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	12		0.64		mg/Kg	4		6010B	Total/NA
Copper	29		4.8		mg/Kg	4		6010B	Total/NA
Lead	10		1.6		mg/Kg	4		6010B	Total/NA
Nickel	34		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	54		1.6		mg/Kg	4		6010B	Total/NA
Zinc	53		4.8		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: N1 (Continued)

Lab Sample ID: 720-95707-76

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.040		0.015		mg/Kg	1		7471A	Total/NA

## Client Sample ID: N2

Lab Sample ID: 720-95707-77

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	3.8		2.0		mg/Kg	1		8015B	Total/NA
Arsenic	4.8		3.2		mg/Kg	4		6010B	Total/NA
Barium	170		1.6		mg/Kg	4		6010B	Total/NA
Beryllium	0.65		0.32		mg/Kg	4		6010B	Total/NA
Chromium	41		1.6		mg/Kg	4		6010B	Total/NA
Cobalt	11		0.65		mg/Kg	4		6010B	Total/NA
Copper	32		4.8		mg/Kg	4		6010B	Total/NA
Lead	8.2		1.6		mg/Kg	4		6010B	Total/NA
Nickel	51		1.6		mg/Kg	4		6010B	Total/NA
Vanadium	50		1.6		mg/Kg	4		6010B	Total/NA
Zinc	55		4.8		mg/Kg	4		6010B	Total/NA
Mercury	0.050		0.014		mg/Kg	1		7471A	Total/NA

## Client Sample ID: S1

Lab Sample ID: 720-95707-78

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	11		1.9		mg/Kg	1		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	62		47		mg/Kg	1		8015B	Total/NA
Dieldrin	4.8		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	9.4		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	230		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	11		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	88	p	39		ug/Kg	1		8081A	Total/NA
Arsenic	5.5		4.0		mg/Kg	4		6010B	Total/NA
Barium	260		2.0		mg/Kg	4		6010B	Total/NA
Beryllium	0.69		0.40		mg/Kg	4		6010B	Total/NA
Chromium	190		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	38		0.80		mg/Kg	4		6010B	Total/NA
Copper	62		6.0		mg/Kg	4		6010B	Total/NA
Lead	14		2.0		mg/Kg	4		6010B	Total/NA
Nickel	210		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	150		2.0		mg/Kg	4		6010B	Total/NA
Zinc	97		6.0		mg/Kg	4		6010B	Total/NA
Mercury	0.060		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: S2

Lab Sample ID: 720-95707-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	4.2		1.9		mg/Kg	1		8015B	Total/NA
Dieldrin	9.5		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	30	F2 F1	2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDE	240		2.0		ug/Kg	1		8081A	Total/NA
4,4'-DDD	9.5		2.0		ug/Kg	1		8081A	Total/NA
Toxaphene	210		39		ug/Kg	1		8081A	Total/NA
Barium	170		1.8		mg/Kg	4		6010B	Total/NA
Beryllium	0.50		0.37		mg/Kg	4		6010B	Total/NA
Chromium	120		1.8		mg/Kg	4		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Detection Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: S2 (Continued)

## Lab Sample ID: 720-95707-79

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	27		0.73		mg/Kg	4		6010B	Total/NA
Copper	44		5.5		mg/Kg	4		6010B	Total/NA
Lead	9.2		1.8		mg/Kg	4		6010B	Total/NA
Nickel	160		1.8		mg/Kg	4		6010B	Total/NA
Vanadium	110		1.8		mg/Kg	4		6010B	Total/NA
Zinc	67		5.5		mg/Kg	4		6010B	Total/NA
Mercury	0.070		0.016		mg/Kg	1		7471A	Total/NA

## Client Sample ID: RINSATE

## Lab Sample ID: 720-95707-80

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 1A,B,C,D**

**Lab Sample ID: 720-95707-5**

**Date Collected: 10/22/19 16:30**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Dieldrin	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Endrin aldehyde	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Endrin	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Endrin ketone	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Heptachlor	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Heptachlor epoxide	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
4,4'-DDT	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
<b>4,4'-DDE</b>	<b>660</b>		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
<b>4,4'-DDD</b>	<b>27</b>		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Endosulfan I	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Endosulfan II	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
alpha-BHC	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
beta-BHC	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
gamma-BHC (Lindane)	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
delta-BHC	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Endosulfan sulfate	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Methoxychlor	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Toxaphene	ND		200		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
Chlordane (technical)	ND		200		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
cis-Chlordane	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5
trans-Chlordane	ND		9.8		ug/Kg		10/28/19 14:53	11/04/19 22:23	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	82		21 - 145	10/28/19 14:53	11/04/19 22:23	5
<i>DCB Decachlorobiphenyl</i>	56	p	21 - 136	10/28/19 14:53	11/04/19 22:23	5

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND	F1	1.8		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
Arsenic	ND	F1	3.6		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Barium</b>	<b>180</b>	<b>F1</b>	1.8		mg/Kg		10/26/19 11:21	10/31/19 13:47	4
<b>Beryllium</b>	<b>0.42</b>	<b>F1</b>	0.36		mg/Kg		10/26/19 11:21	10/31/19 13:47	4
Cadmium	ND	F1	0.45		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Chromium</b>	<b>170</b>	<b>F1</b>	1.8		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Cobalt</b>	<b>30</b>	<b>F1</b>	0.72		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Copper</b>	<b>51</b>	<b>F1</b>	5.4		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Lead</b>	<b>11</b>	<b>F1</b>	1.8		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
Molybdenum	ND	F1	1.8		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Nickel</b>	<b>170</b>	<b>F1</b>	1.8		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
Selenium	ND	F1	3.6		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
Silver	ND	F2 F1	0.90		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
Thallium	ND	F1	1.8		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Vanadium</b>	<b>120</b>	<b>F1</b>	1.8		mg/Kg		10/26/19 11:21	10/31/19 00:17	4
<b>Zinc</b>	<b>77</b>	<b>F1</b>	5.4		mg/Kg		10/26/19 11:21	10/31/19 00:17	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.13</b>		0.014		mg/Kg		11/04/19 09:03	11/07/19 12:49	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 2A**

**Lab Sample ID: 720-95707-6**

Date Collected: 10/22/19 15:30

Matrix: Solid

Date Received: 10/23/19 12:45

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		3.3		mg/Kg		10/31/19 10:46	11/01/19 13:29	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 2A,B,C,D**

**Lab Sample ID: 720-95707-10**

**Date Collected: 10/22/19 15:30**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
<b>Dieldrin</b>	<b>3.6</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
<b>4,4'-DDT</b>	<b>3.2</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
<b>4,4'-DDE</b>	<b>110 p</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
<b>4,4'-DDD</b>	<b>6.5</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
<b>Toxaphene</b>	<b>110</b>		39		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	94		21 - 145	10/28/19 14:53	11/05/19 16:14	1
<i>DCB Decachlorobiphenyl</i>	72		21 - 136	10/28/19 14:53	11/05/19 16:14	1

## Method: EPA 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Bolstar	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Chlorpyrifos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Coumaphos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Demeton, Total	ND		64		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Diazinon	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Dichlorvos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Dimethoate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Disulfoton	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
EPN	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Famphur	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Fensulfothion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Fenthion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Malathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Methyl parathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Mevinphos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
O,O,O-Triethyl phosphorothioate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Parathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Phorate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Ronnel	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Stirophos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 2A,B,C,D**

**Lab Sample ID: 720-95707-10**

Date Collected: 10/22/19 15:30

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: EPA 8141A - Organophosphorous Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Tokuthion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Trichloronate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Mocap	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Thionazin	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Triphenylphosphate	107		37 - 139				10/28/19 13:34	10/29/19 15:00	1
Tributyl phosphate	83		20 - 140				10/28/19 13:34	10/29/19 15:00	1

## Method: EPA 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		80		ug/Kg		10/29/19 09:30	10/31/19 10:47	1
2,4,5-T	ND		20		ug/Kg		10/29/19 09:30	10/31/19 10:47	1
Silvex (2,4,5-TP)	ND		20		ug/Kg		10/29/19 09:30	10/31/19 10:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	30		23 - 122				10/29/19 09:30	10/31/19 10:47	1

## Method: 6850 - Perchlorate by LC/MS or LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		4.9		ug/Kg		10/30/19 19:35	10/31/19 20:11	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
Arsenic	ND		2.6		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Barium</b>	<b>170</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 13:52	4
<b>Beryllium</b>	<b>0.38</b>		0.26		mg/Kg		10/26/19 11:21	10/31/19 13:52	4
Cadmium	ND		0.32		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Chromium</b>	<b>150</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Cobalt</b>	<b>27</b>		0.52		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Copper</b>	<b>48</b>		3.9		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Lead</b>	<b>8.5</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
Molybdenum	ND		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Nickel</b>	<b>150</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
Selenium	ND		2.6		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
Silver	ND		0.65		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
Thallium	ND		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Vanadium</b>	<b>100</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:21	4
<b>Zinc</b>	<b>64</b>		3.9		mg/Kg		10/26/19 11:21	10/31/19 00:21	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.088</b>		0.014		mg/Kg		11/04/19 09:03	11/07/19 12:51	1

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 3A,B,C,D**

**Lab Sample ID: 720-95707-15**

**Date Collected: 10/22/19 15:40**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
<b>Dieldrin</b>	<b>7.7</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
<b>4,4'-DDT</b>	<b>29</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
<b>4,4'-DDE</b>	<b>190</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
<b>4,4'-DDD</b>	<b>4.3</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
<b>Toxaphene</b>	<b>140</b>	<b>p</b>	39		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	77	p	21 - 145	10/28/19 14:53	11/05/19 11:10	1
<i>DCB Decachlorobiphenyl</i>	78		21 - 136	10/28/19 14:53	11/05/19 11:10	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
Arsenic	ND		3.7		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Barium</b>	<b>200</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 13:56	4
<b>Beryllium</b>	<b>0.46</b>		0.37		mg/Kg		10/26/19 11:21	10/31/19 13:56	4
Cadmium	ND		0.46		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Chromium</b>	<b>160</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Cobalt</b>	<b>29</b>		0.74		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Copper</b>	<b>46</b>		5.6		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Lead</b>	<b>9.1</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
Molybdenum	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Nickel</b>	<b>170</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
Selenium	ND		3.7		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
Silver	ND		0.93		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
Thallium	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Vanadium</b>	<b>110</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:26	4
<b>Zinc</b>	<b>69</b>		5.6		mg/Kg		10/26/19 11:21	10/31/19 00:26	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>2.7</b>		0.033		mg/Kg		11/04/19 09:03	11/07/19 13:54	2

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 4A**

**Lab Sample ID: 720-95707-16**

**Date Collected: 10/22/19 13:40**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.9		mg/Kg		10/26/19 11:21	10/31/19 00:31	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 4A,B,C,D**

**Lab Sample ID: 720-95707-20**

**Date Collected: 10/22/19 13:40**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
<b>Dieldrin</b>	<b>9.3</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
<b>4,4'-DDT</b>	<b>33</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
<b>4,4'-DDE</b>	<b>180</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
<b>4,4'-DDD</b>	<b>5.1</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
<b>Toxaphene</b>	<b>200</b>		40		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
Chlordane (technical)	ND		40		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		21 - 145	10/28/19 14:53	11/05/19 11:29	1
DCB Decachlorobiphenyl	61		21 - 136	10/28/19 14:53	11/05/19 11:29	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>2.6</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Arsenic</b>	<b>3.0</b>		2.5		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Barium</b>	<b>210</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 14:16	4
<b>Beryllium</b>	<b>0.63</b>		0.25		mg/Kg		10/26/19 11:21	10/31/19 14:16	4
Cadmium	ND		0.32		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Chromium</b>	<b>130</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Cobalt</b>	<b>27</b>		0.51		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Copper</b>	<b>52</b>		3.8		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Lead</b>	<b>10</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
Molybdenum	ND		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Nickel</b>	<b>170</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
Selenium	ND		2.5		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
Silver	ND		0.64		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
Thallium	ND		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Vanadium</b>	<b>89</b>		1.3		mg/Kg		10/26/19 11:21	10/31/19 00:36	4
<b>Zinc</b>	<b>71</b>		3.8		mg/Kg		10/26/19 11:21	10/31/19 00:36	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.071</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:55	1

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 5A,B,C,D**

**Lab Sample ID: 720-95707-25**

**Date Collected: 10/22/19 15:20**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
<b>Dieldrin</b>	<b>5.6</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
<b>4,4'-DDT</b>	<b>18</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
<b>4,4'-DDE</b>	<b>130</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
<b>4,4'-DDD</b>	<b>2.5</b>		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
<b>Toxaphene</b>	<b>150</b>		40		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
Chlordane (technical)	ND		40		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/05/19 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	70	p	21 - 145	10/28/19 14:53	11/05/19 11:48	1
<i>DCB Decachlorobiphenyl</i>	78		21 - 136	10/28/19 14:53	11/05/19 11:48	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>1.9</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
Arsenic	ND		3.8		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Barium</b>	<b>190</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 14:20	4
<b>Beryllium</b>	<b>0.59</b>		0.38		mg/Kg		10/26/19 11:21	10/31/19 14:20	4
Cadmium	ND		0.48		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Chromium</b>	<b>140</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Cobalt</b>	<b>24</b>		0.77		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Copper</b>	<b>45</b>		5.8		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Lead</b>	<b>9.3</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
Molybdenum	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Nickel</b>	<b>150</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
Selenium	ND		3.8		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
Silver	ND		0.96		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
Thallium	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Vanadium</b>	<b>93</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 00:41	4
<b>Zinc</b>	<b>67</b>		5.8		mg/Kg		10/26/19 11:21	10/31/19 00:41	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.099</b>		0.014		mg/Kg		11/04/19 09:03	11/07/19 12:57	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 6A,B,C,D**

**Lab Sample ID: 720-95707-30**

**Date Collected: 10/22/19 13:30**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
<b>Dieldrin</b>	<b>9.4</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
<b>4,4'-DDT</b>	<b>39</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
<b>4,4'-DDE</b>	<b>220</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
<b>4,4'-DDD</b>	<b>5.9</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
<b>Toxaphene</b>	<b>200</b>		38		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
Chlordane (technical)	ND		38		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	87		21 - 145	10/28/19 14:53	11/05/19 12:07	1
<i>DCB Decachlorobiphenyl</i>	66		21 - 136	10/28/19 14:53	11/05/19 12:07	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Antimony</b>	<b>2.1</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
Arsenic	ND		2.9		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Barium</b>	<b>210</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:25	4
<b>Beryllium</b>	<b>0.64</b>		0.29		mg/Kg		10/26/19 11:21	10/31/19 14:25	4
Cadmium	ND		0.37		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Chromium</b>	<b>140</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Cobalt</b>	<b>27</b>		0.59		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Copper</b>	<b>51</b>		4.4		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Lead</b>	<b>11</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
Molybdenum	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Nickel</b>	<b>170</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
Selenium	ND		2.9		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
Silver	ND		0.74		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
Thallium	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Vanadium</b>	<b>93</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 00:45	4
<b>Zinc</b>	<b>72</b>		4.4		mg/Kg		10/26/19 11:21	10/31/19 00:45	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.068</b>		0.014		mg/Kg		11/04/19 09:03	11/07/19 13:03	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 7A,B,C,D**

**Lab Sample ID: 720-95707-35**

Date Collected: 10/22/19 15:10

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
<b>Dieldrin</b>	<b>8.4</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
<b>4,4'-DDT</b>	<b>17</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
<b>4,4'-DDE</b>	<b>180</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
<b>4,4'-DDD</b>	<b>4.3</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
<b>Toxaphene</b>	<b>170</b>		38		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
Chlordane (technical)	ND		38		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	103		21 - 145	10/28/19 14:53	11/05/19 12:26	1
DCB Decachlorobiphenyl	67		21 - 136	10/28/19 14:53	11/05/19 12:26	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.4		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
Arsenic	ND		2.9		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Barium</b>	<b>170</b>		1.4		mg/Kg		10/26/19 11:21	10/31/19 14:30	4
<b>Beryllium</b>	<b>0.41</b>		0.29		mg/Kg		10/26/19 11:21	10/31/19 14:30	4
Cadmium	ND		0.36		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Chromium</b>	<b>130</b>		1.4		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Cobalt</b>	<b>27</b>		0.58		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Copper</b>	<b>40</b>		4.3		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Lead</b>	<b>7.1</b>		1.4		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
Molybdenum	ND		1.4		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Nickel</b>	<b>160</b>		1.4		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
Selenium	ND		2.9		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
Silver	ND		0.72		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
Thallium	ND		1.4		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Vanadium</b>	<b>97</b>		1.4		mg/Kg		10/26/19 11:21	10/31/19 00:50	4
<b>Zinc</b>	<b>59</b>		4.3		mg/Kg		10/26/19 11:21	10/31/19 00:50	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.19</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:05	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 8A,B,C,D**

**Lab Sample ID: 720-95707-40**

**Date Collected: 10/22/19 15:00**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
<b>Dieldrin</b>	<b>6.7</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
<b>4,4'-DDT</b>	<b>18</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
<b>4,4'-DDE</b>	<b>140</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
4,4'-DDD	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
<b>Toxaphene</b>	<b>120</b>		39		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	70		21 - 145	10/28/19 14:53	11/05/19 23:24	1
<i>DCB Decachlorobiphenyl</i>	78		21 - 136	10/28/19 14:53	11/05/19 23:24	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
Arsenic	ND		3.0		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Barium</b>	<b>220</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Beryllium</b>	<b>0.59</b>		0.30		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
Cadmium	ND		0.37		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Chromium</b>	<b>120</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Cobalt</b>	<b>30</b>		0.59		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Copper</b>	<b>42</b>		4.4		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Lead</b>	<b>7.9</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
Molybdenum	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Nickel</b>	<b>160</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
Selenium	ND		3.0		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
Silver	ND		0.74		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
Thallium	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Vanadium</b>	<b>92</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:35	4
<b>Zinc</b>	<b>62</b>		4.4		mg/Kg		10/26/19 11:21	10/31/19 14:35	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.20</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:07	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 9A**

**Lab Sample ID: 720-95707-41**

**Date Collected: 10/22/19 13:20**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.9		mg/Kg		10/26/19 11:21	10/31/19 14:39	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 9A,B,C,D**

**Lab Sample ID: 720-95707-45**

**Date Collected: 10/22/19 13:20**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

**Method: 8081A - Organochlorine Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
<b>Dieldrin</b>	<b>14</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
<b>4,4'-DDT</b>	<b>30</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
<b>4,4'-DDE</b>	<b>200</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
<b>4,4'-DDD</b>	<b>6.6</b>		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
<b>Toxaphene</b>	<b>170</b>		39		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/05/19 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	88		21 - 145	10/28/19 14:53	11/05/19 23:42	1
<i>DCB Decachlorobiphenyl</i>	84		21 - 136	10/28/19 14:53	11/05/19 23:42	1

**Method: EPA 8141A - Organophosphorous Pesticides (GC)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Bolstar	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Chlorpyrifos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Coumaphos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Demeton, Total	ND		64		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Diazinon	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Dichlorvos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Dimethoate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Disulfoton	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
EPN	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Famphur	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Fensulfothion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Fenthion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Malathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Methyl parathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Mevinphos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
O,O,O-Triethyl phosphorothioate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Parathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Phorate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Ronnel	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Stirophos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 9A,B,C,D**

**Lab Sample ID: 720-95707-45**

Date Collected: 10/22/19 13:20

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: EPA 8141A - Organophosphorous Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Tokuthion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Trichloronate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Mocap	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1
Thionazin	ND		32		ug/Kg		10/28/19 13:34	10/29/19 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	114		37 - 139	10/28/19 13:34	10/29/19 15:32	1
Tributyl phosphate	93		20 - 140	10/28/19 13:34	10/29/19 15:32	1

## Method: EPA 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		79		ug/Kg		10/29/19 09:30	10/31/19 11:12	1
2,4,5-T	ND		20		ug/Kg		10/29/19 09:30	10/31/19 11:12	1
Silvex (2,4,5-TP)	ND		20		ug/Kg		10/29/19 09:30	10/31/19 11:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	46		23 - 122	10/29/19 09:30	10/31/19 11:12	1

## Method: 6850 - Perchlorate by LC/MS or LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		4.9		ug/Kg		10/30/19 19:35	10/31/19 20:25	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
Arsenic	ND		4.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Barium</b>	<b>210</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Beryllium</b>	<b>0.63</b>		0.40		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
Cadmium	ND		0.50		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Chromium</b>	<b>120</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Cobalt</b>	<b>26</b>		0.80		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Copper</b>	<b>45</b>		6.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Lead</b>	<b>9.4</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
Molybdenum	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Nickel</b>	<b>150</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
Selenium	ND		4.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
Silver	ND		1.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
Thallium	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Vanadium</b>	<b>88</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4
<b>Zinc</b>	<b>69</b>		6.0		mg/Kg		10/26/19 11:21	10/31/19 14:44	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.063</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:08	1

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 10A,B,C,D**

**Lab Sample ID: 720-95707-50**

Date Collected: 10/22/19 14:50

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
<b>Dieldrin</b>	<b>5.8</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
<b>4,4'-DDT</b>	<b>6.8</b>	<b>p</b>	2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
<b>4,4'-DDE</b>	<b>150</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
<b>4,4'-DDD</b>	<b>9.2</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
<b>Toxaphene</b>	<b>56</b>		39		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	70	<i>p</i>	21 - 145	10/28/19 14:53	11/02/19 18:39	1
<i>DCB Decachlorobiphenyl</i>	58		21 - 136	10/28/19 14:53	11/02/19 18:39	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
Arsenic	ND		3.0		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Barium</b>	<b>200</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Beryllium</b>	<b>0.67</b>		0.30		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
Cadmium	ND		0.38		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Chromium</b>	<b>130</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Cobalt</b>	<b>27</b>		0.60		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Copper</b>	<b>44</b>		4.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Lead</b>	<b>8.9</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
Molybdenum	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Nickel</b>	<b>160</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
Selenium	ND		3.0		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
Silver	ND		0.75		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
Thallium	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Vanadium</b>	<b>96</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4
<b>Zinc</b>	<b>67</b>		4.5		mg/Kg		10/26/19 11:21	10/31/19 14:49	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.074</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:10	1

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 11A**

**Lab Sample ID: 720-95707-51**

**Date Collected: 10/22/19 15:50**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.4		mg/Kg		10/26/19 11:21	10/31/19 14:54	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 11A,B,C,D**

**Lab Sample ID: 720-95707-55**

Date Collected: 10/22/19 15:50

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
<b>Dieldrin</b>	<b>3.5</b>		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
<b>4,4'-DDT</b>	<b>8.0</b>		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
<b>4,4'-DDE</b>	<b>140</b>		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
<b>4,4'-DDD</b>	<b>8.6</b>		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
<b>Toxaphene</b>	<b>58</b>		38		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
Chlordane (technical)	ND		38		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73	p	21 - 145	10/28/19 14:53	11/02/19 18:58	1
DCB Decachlorobiphenyl	62		21 - 136	10/28/19 14:53	11/02/19 18:58	1

## Method: EPA 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Bolstar	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Chlorpyrifos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Coumaphos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Demeton, Total	ND		65		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Diazinon	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Dichlorvos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Dimethoate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Disulfoton	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
EPN	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Famphur	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Fensulfothion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Fenthion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Malathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Methyl parathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Mevinphos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
O,O,O-Triethyl phosphorothioate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Parathion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Phorate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Ronnel	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Stirophos	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 11A,B,C,D**

**Lab Sample ID: 720-95707-55**

Date Collected: 10/22/19 15:50

Matrix: Solid

Date Received: 10/23/19 12:45

### Method: EPA 8141A - Organophosphorous Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Tokuthion	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Trichloronate	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Mocap	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Thionazin	ND		32		ug/Kg		10/28/19 13:34	10/29/19 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Triphenylphosphate	110		37 - 139				10/28/19 13:34	10/29/19 16:03	1
Tributyl phosphate	91		20 - 140				10/28/19 13:34	10/29/19 16:03	1

### Method: EPA 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		80		ug/Kg		10/29/19 09:30	10/31/19 11:37	1
2,4,5-T	ND		20		ug/Kg		10/29/19 09:30	10/31/19 11:37	1
Silvex (2,4,5-TP)	ND		20		ug/Kg		10/29/19 09:30	10/31/19 11:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	40		23 - 122				10/29/19 09:30	10/31/19 11:37	1

### Method: 6850 - Perchlorate by LC/MS or LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		4.8		ug/Kg		10/30/19 19:35	10/31/19 21:05	1

### Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
Arsenic	ND		3.0		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Barium</b>	<b>180</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Beryllium</b>	<b>0.66</b>		0.30		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
Cadmium	ND		0.38		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Chromium</b>	<b>130</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Cobalt</b>	<b>28</b>		0.61		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Copper</b>	<b>42</b>		4.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Lead</b>	<b>8.7</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
Molybdenum	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Nickel</b>	<b>160</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
Selenium	ND		3.0		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
Silver	ND		0.76		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
Thallium	ND		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Vanadium</b>	<b>100</b>		1.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4
<b>Zinc</b>	<b>62</b>		4.5		mg/Kg		10/26/19 11:21	10/31/19 14:58	4

### Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.086</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:12	1

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 12A,B,C,D**

**Lab Sample ID: 720-95707-60**

Date Collected: 10/22/19 13:10

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Dieldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
<b>4,4'-DDT</b>	<b>11</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
<b>4,4'-DDE</b>	<b>220</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
<b>4,4'-DDD</b>	<b>12</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
<b>Toxaphene</b>	<b>160</b>	<b>p</b>	40		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
Chlordane (technical)	ND		40		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		21 - 145	10/28/19 14:53	11/02/19 19:17	1
DCB Decachlorobiphenyl	52		21 - 136	10/28/19 14:53	11/02/19 19:17	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
Arsenic	ND		4.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Barium</b>	<b>200</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Beryllium</b>	<b>0.74</b>		0.40		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
Cadmium	ND		0.50		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Chromium</b>	<b>140</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Cobalt</b>	<b>27</b>		0.80		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Copper</b>	<b>48</b>		6.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Lead</b>	<b>9.7</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
Molybdenum	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Nickel</b>	<b>160</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
Selenium	ND		4.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
Silver	ND		1.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
Thallium	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Vanadium</b>	<b>100</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4
<b>Zinc</b>	<b>71</b>		6.0		mg/Kg		10/26/19 11:21	10/31/19 15:13	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.062</b>		0.016		mg/Kg		11/04/19 09:03	11/07/19 13:14	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 13A,B,C,D**

**Lab Sample ID: 720-95707-65**

Date Collected: 10/22/19 13:00

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
<b>Dieldrin</b>	<b>4.0</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
<b>4,4'-DDT</b>	<b>10</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
<b>4,4'-DDE</b>	<b>160</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
<b>4,4'-DDD</b>	<b>7.7</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
<b>Toxaphene</b>	<b>96</b>		40		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
Chlordane (technical)	ND		40		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72	p	21 - 145	10/28/19 14:53	11/02/19 19:36	1
DCB Decachlorobiphenyl	60		21 - 136	10/28/19 14:53	11/02/19 19:36	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
Arsenic	ND		3.8		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Barium</b>	<b>180</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Beryllium</b>	<b>0.51</b>		0.38		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
Cadmium	ND		0.47		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Chromium</b>	<b>120</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Cobalt</b>	<b>30</b>		0.75		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Copper</b>	<b>43</b>		5.7		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Lead</b>	<b>8.9</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
Molybdenum	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Nickel</b>	<b>150</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
Selenium	ND		3.8		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
Silver	ND		0.94		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
Thallium	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Vanadium</b>	<b>95</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:18	4
<b>Zinc</b>	<b>59</b>		5.7		mg/Kg		10/26/19 11:21	10/31/19 15:18	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.092</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:16	1

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 14A,B,C,D**

**Lab Sample ID: 720-95707-70**

Date Collected: 10/22/19 14:40

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
<b>Dieldrin</b>	<b>4.2</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
<b>4,4'-DDT</b>	<b>9.4</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
<b>4,4'-DDE</b>	<b>160</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
<b>4,4'-DDD</b>	<b>14</b>		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
<b>Toxaphene</b>	<b>120</b>		40		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
Chlordane (technical)	ND		40		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	79		21 - 145	10/28/19 14:53	11/02/19 19:55	1
<i>DCB Decachlorobiphenyl</i>	54		21 - 136	10/28/19 14:53	11/02/19 19:55	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
Arsenic	ND		3.8		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Barium</b>	<b>160</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Beryllium</b>	<b>0.50</b>		0.38		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
Cadmium	ND		0.48		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Chromium</b>	<b>130</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Cobalt</b>	<b>27</b>		0.77		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Copper</b>	<b>42</b>		5.8		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Lead</b>	<b>8.5</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
Molybdenum	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Nickel</b>	<b>150</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
Selenium	ND		3.8		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
Silver	ND		0.96		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
Thallium	ND		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Vanadium</b>	<b>99</b>		1.9		mg/Kg		10/26/19 11:21	10/31/19 15:22	4
<b>Zinc</b>	<b>63</b>		5.8		mg/Kg		10/26/19 11:21	10/31/19 15:22	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.12</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:17	1

Eurofins TestAmerica, Pleasanton



# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 15A**

**Lab Sample ID: 720-95707-71**

Date Collected: 10/22/19 12:45

Matrix: Solid

Date Received: 10/23/19 12:45

**Method: 6010B - Metals (ICP)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		3.2		mg/Kg		10/26/19 11:21	10/31/19 15:27	4

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 15A,B,C,D**

**Lab Sample ID: 720-95707-75**

Date Collected: 10/22/19 12:45

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
<b>Dieldrin</b>	<b>2.1</b>		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
<b>4,4'-DDT</b>	<b>2.5</b>		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
<b>4,4'-DDE</b>	<b>30</b>	<b>p</b>	1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
<b>4,4'-DDD</b>	<b>2.4</b>		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
<b>Toxaphene</b>	<b>52</b>	<b>p</b>	38		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
Chlordane (technical)	ND		38		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		21 - 145	10/28/19 14:53	11/02/19 20:14	1
DCB Decachlorobiphenyl	74		21 - 136	10/28/19 14:53	11/02/19 20:14	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
Arsenic	ND		3.9		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Barium</b>	<b>190</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Beryllium</b>	<b>0.59</b>		0.39		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
Cadmium	ND		0.49		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Chromium</b>	<b>110</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Cobalt</b>	<b>22</b>		0.78		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Copper</b>	<b>37</b>		5.9		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Lead</b>	<b>13</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
Molybdenum	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Nickel</b>	<b>120</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
Selenium	ND		3.9		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
Silver	ND		0.98		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
Thallium	ND		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Vanadium</b>	<b>82</b>		2.0		mg/Kg		10/26/19 11:21	10/31/19 15:32	4
<b>Zinc</b>	<b>59</b>		5.9		mg/Kg		10/26/19 11:21	10/31/19 15:32	4

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.081</b>		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:19	1

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: N1**

**Lab Sample ID: 720-95707-76**

Date Collected: 10/22/19 11:50

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	14		2.0		mg/Kg		10/28/19 14:59	10/31/19 22:12	1
Motor Oil Range Organics [C24-C36]	58		49		mg/Kg		10/28/19 14:59	10/31/19 22:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	88		40 - 130				10/28/19 14:59	10/31/19 22:12	1

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Dieldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
4,4'-DDT	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
4,4'-DDE	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
4,4'-DDD	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Toxaphene	ND		39		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	61		21 - 145				10/28/19 14:53	11/02/19 20:33	1
DCB Decachlorobiphenyl	57		21 - 136				10/28/19 14:53	11/02/19 20:33	1

## Method: EPA 8141A - Organophosphorous Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Bolstar	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Chlorpyrifos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Coumaphos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Demeton, Total	ND		66		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Diazinon	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Dichlorvos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Dimethoate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Disulfoton	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
EPN	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Famphur	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Fensulfothion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Fenthion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: N1**

**Lab Sample ID: 720-95707-76**

Date Collected: 10/22/19 11:50

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: EPA 8141A - Organophosphorous Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Malathion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Methyl parathion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Mevinphos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
O,O,O-Triethyl phosphorothioate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Parathion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Phorate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Ronnel	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Stirophos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Sulfotepp	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Tokuthion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Trichloronate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Mocap	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Thionazin	ND		33		ug/Kg		10/28/19 13:34	10/29/19 16:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Triphenylphosphate	99		37 - 139				10/28/19 13:34	10/29/19 16:35	1
Tributyl phosphate	80		20 - 140				10/28/19 13:34	10/29/19 16:35	1

## Method: EPA 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		79		ug/Kg		10/29/19 09:30	10/31/19 12:02	1
2,4,5-T	ND		20		ug/Kg		10/29/19 09:30	10/31/19 12:02	1
Silvex (2,4,5-TP)	ND		20		ug/Kg		10/29/19 09:30	10/31/19 12:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	31		23 - 122				10/29/19 09:30	10/31/19 12:02	1

## Method: 6850 - Perchlorate by LC/MS or LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		4.9		ug/Kg		10/30/19 19:35	10/31/19 21:18	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Arsenic</b>	<b>4.0</b>		3.2		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Barium</b>	<b>260</b>		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Beryllium</b>	<b>0.91</b>		0.32		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
Cadmium	ND		0.40		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Chromium</b>	<b>43</b>		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Cobalt</b>	<b>12</b>		0.64		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Copper</b>	<b>29</b>		4.8		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Lead</b>	<b>10</b>		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
Molybdenum	ND		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Nickel</b>	<b>34</b>		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
Selenium	ND		3.2		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
Silver	ND		0.80		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
Thallium	ND		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Vanadium</b>	<b>54</b>		1.6		mg/Kg		10/26/19 11:21	10/31/19 15:36	4
<b>Zinc</b>	<b>53</b>		4.8		mg/Kg		10/26/19 11:21	10/31/19 15:36	4

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: N1**

**Lab Sample ID: 720-95707-76**

Date Collected: 10/22/19 11:50

Matrix: Solid

Date Received: 10/23/19 12:45

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.015		mg/Kg		11/04/19 09:03	11/07/19 13:25	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: N2**

**Lab Sample ID: 720-95707-77**

Date Collected: 10/22/19 12:10

Matrix: Solid

Date Received: 10/23/19 12:45

### Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>3.8</b>		2.0		mg/Kg		10/28/19 14:59	10/31/19 01:16	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		10/28/19 14:59	10/31/19 01:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	93		40 - 130				10/28/19 14:59	10/31/19 01:16	1

### Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Dieldrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Endrin aldehyde	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Endrin	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Endrin ketone	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Heptachlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Heptachlor epoxide	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
4,4'-DDT	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
4,4'-DDE	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
4,4'-DDD	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Endosulfan I	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Endosulfan II	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
alpha-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
beta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
gamma-BHC (Lindane)	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
delta-BHC	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Endosulfan sulfate	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Methoxychlor	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Toxaphene	ND		38		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Chlordane (technical)	ND		38		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
cis-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
trans-Chlordane	ND		1.9		ug/Kg		10/28/19 14:53	11/02/19 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	79		21 - 145				10/28/19 14:53	11/02/19 20:52	1
<i>DCB Decachlorobiphenyl</i>	79		21 - 136				10/28/19 14:53	11/02/19 20:52	1

### Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Arsenic</b>	<b>4.8</b>		3.2		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Barium</b>	<b>170</b>		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Beryllium</b>	<b>0.65</b>		0.32		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
Cadmium	ND		0.40		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Chromium</b>	<b>41</b>		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Cobalt</b>	<b>11</b>		0.65		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Copper</b>	<b>32</b>		4.8		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Lead</b>	<b>8.2</b>		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
Molybdenum	ND		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Nickel</b>	<b>51</b>		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
Selenium	ND		3.2		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
Silver	ND		0.81		mg/Kg		10/31/19 10:46	11/01/19 13:34	4

Eurofins TestAmerica, Pleasanton

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: N2**

**Lab Sample ID: 720-95707-77**

Date Collected: 10/22/19 12:10

Matrix: Solid

Date Received: 10/23/19 12:45

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Vanadium</b>	<b>50</b>		1.6		mg/Kg		10/31/19 10:46	11/01/19 13:34	4
<b>Zinc</b>	<b>55</b>		4.8		mg/Kg		10/31/19 10:46	11/01/19 13:34	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.050</b>		0.014		mg/Kg		11/04/19 09:03	11/07/19 13:27	1



# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: S1**

**Lab Sample ID: 720-95707-78**

Date Collected: 10/22/19 17:00

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	11		1.9		mg/Kg		10/28/19 14:59	10/31/19 01:45	1
Motor Oil Range Organics [C24-C36]	62		47		mg/Kg		10/28/19 14:59	10/31/19 01:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	86		40 - 130				10/28/19 14:59	10/31/19 01:45	1

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Dieldrin	4.8		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
4,4'-DDT	9.4		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
4,4'-DDE	230		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
4,4'-DDD	11		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Toxaphene	88	p	39		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/02/19 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	67		21 - 145				10/28/19 14:53	11/02/19 21:11	1
DCB Decachlorobiphenyl	62		21 - 136				10/28/19 14:53	11/02/19 21:11	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Arsenic	5.5		4.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Barium	260		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Beryllium	0.69		0.40		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Cadmium	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Chromium	190		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Cobalt	38		0.80		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Copper	62		6.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Lead	14		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Molybdenum	ND		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Nickel	210		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Selenium	ND		4.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
Silver	ND		1.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: S1**

**Lab Sample ID: 720-95707-78**

Date Collected: 10/22/19 17:00

Matrix: Solid

Date Received: 10/23/19 12:45

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
<b>Vanadium</b>	<b>150</b>		2.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4
<b>Zinc</b>	<b>97</b>		6.0		mg/Kg		10/31/19 10:46	11/01/19 13:39	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.060</b>		0.016		mg/Kg		11/04/19 09:03	11/07/19 13:28	1



# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: S2**

**Lab Sample ID: 720-95707-79**

Date Collected: 10/22/19 17:10

Matrix: Solid

Date Received: 10/23/19 12:45

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Diesel Range Organics [C10-C28]</b>	<b>4.2</b>		1.9		mg/Kg		10/28/19 14:59	10/31/19 02:14	1
Motor Oil Range Organics [C24-C36]	ND		48		mg/Kg		10/28/19 14:59	10/31/19 02:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	93		40 - 130				10/28/19 14:59	10/31/19 02:14	1

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
<b>Dieldrin</b>	<b>9.5</b>		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Heptachlor epoxide	ND	F1	2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
<b>4,4'-DDT</b>	<b>30</b>	<b>F2 F1</b>	2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
<b>4,4'-DDE</b>	<b>240</b>		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
<b>4,4'-DDD</b>	<b>9.5</b>		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Endosulfan sulfate	ND	F1	2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Methoxychlor	ND	F2	2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
<b>Toxaphene</b>	<b>210</b>		39		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Chlordane (technical)	ND		39		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
trans-Chlordane	ND	F1	2.0		ug/Kg		10/28/19 14:53	11/04/19 22:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	83		21 - 145				10/28/19 14:53	11/04/19 22:04	1
<i>DCB Decachlorobiphenyl</i>	78		21 - 136				10/28/19 14:53	11/04/19 22:04	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
Arsenic	ND		3.7		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Barium</b>	<b>170</b>		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Beryllium</b>	<b>0.50</b>		0.37		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
Cadmium	ND		0.46		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Chromium</b>	<b>120</b>		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Cobalt</b>	<b>27</b>		0.73		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Copper</b>	<b>44</b>		5.5		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Lead</b>	<b>9.2</b>		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
Molybdenum	ND		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Nickel</b>	<b>160</b>		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
Selenium	ND		3.7		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
Silver	ND		0.92		mg/Kg		10/31/19 10:46	11/01/19 13:44	4

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: S2**

**Lab Sample ID: 720-95707-79**

Date Collected: 10/22/19 17:10

Matrix: Solid

Date Received: 10/23/19 12:45

**Method: 6010B - Metals (ICP) (Continued)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Vanadium</b>	<b>110</b>		1.8		mg/Kg		10/31/19 10:46	11/01/19 13:44	4
<b>Zinc</b>	<b>67</b>		5.5		mg/Kg		10/31/19 10:46	11/01/19 13:44	4

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Mercury</b>	<b>0.070</b>		0.016		mg/Kg		11/04/19 09:03	11/07/19 13:30	1

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- 14
- 15
- 16

# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: RINSATE**

**Lab Sample ID: 720-95707-80**

Date Collected: 10/23/19 10:30

Matrix: Water

Date Received: 10/23/19 12:45

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		59		ug/L		10/25/19 16:50	10/28/19 21:13	1
Motor Oil Range Organics [C24-C36]	ND		120		ug/L		10/25/19 16:50	10/28/19 21:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>p-Terphenyl</i>	90		23 - 156				10/25/19 16:50	10/28/19 21:13	1

## Method: 8081A - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Dieldrin	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Endrin aldehyde	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Endrin	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Endrin ketone	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Heptachlor	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Heptachlor epoxide	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
4,4'-DDT	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
4,4'-DDE	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
4,4'-DDD	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Endosulfan I	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Endosulfan II	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
alpha-BHC	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
beta-BHC	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
gamma-BHC (Lindane)	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
delta-BHC	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Endosulfan sulfate	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Methoxychlor	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Toxaphene	ND		1.1		ug/L		10/24/19 16:51	10/25/19 11:32	1
Chlordane (technical)	ND		1.1		ug/L		10/24/19 16:51	10/25/19 11:32	1
cis-Chlordane	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
trans-Chlordane	ND		0.069		ug/L		10/24/19 16:51	10/25/19 11:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>Tetrachloro-m-xylene</i>	69		36 - 112				10/24/19 16:51	10/25/19 11:32	1
<i>DCB Decachlorobiphenyl</i>	81		14 - 126				10/24/19 16:51	10/25/19 11:32	1

## Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Arsenic	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Barium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Beryllium	ND		0.0020		mg/L		10/24/19 17:31	10/26/19 13:59	1
Cadmium	ND		0.0025		mg/L		10/24/19 17:31	10/26/19 13:59	1
Chromium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Cobalt	ND		0.0020		mg/L		10/24/19 17:31	10/26/19 13:59	1
Copper	ND		0.020		mg/L		10/24/19 17:31	10/26/19 13:59	1
Lead	ND		0.0050		mg/L		10/24/19 17:31	10/26/19 13:59	1
Molybdenum	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Nickel	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Selenium	ND		0.020		mg/L		10/24/19 17:31	10/26/19 13:59	1
Silver	ND		0.0050		mg/L		10/24/19 17:31	10/26/19 13:59	1

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# Client Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: RINSATE**

**Lab Sample ID: 720-95707-80**

**Date Collected: 10/23/19 10:30**

**Matrix: Water**

**Date Received: 10/23/19 12:45**

## Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Vanadium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 13:59	1
Zinc	ND		0.020		mg/L		10/24/19 17:31	10/26/19 13:59	1

## Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		11/07/19 14:38	11/07/19 18:09	1

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- 16

# Surrogate Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TPH1 (40-130)
720-95707-76	N1	88
720-95707-77	N2	93
720-95707-78	S1	86
720-95707-79	S2	93
LCS 720-275264/2-A	Lab Control Sample	110
MB 720-275264/1-A	Method Blank	108

**Surrogate Legend**

TPH = p-Terphenyl

## Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TPH1 (23-156)
720-95707-80	RINSATE	90
LCS 720-275183/2-A	Lab Control Sample	98
LCS 720-275183/3-A	Lab Control Sample Dup	103
MB 720-275183/1-A	Method Blank	92

**Surrogate Legend**

TPH = p-Terphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (21-145)	DCBP1 (21-136)
720-95707-10	2A,B,C,D	94	72
720-95707-15	3A,B,C,D	77 p	78
720-95707-40	8A,B,C,D	70	78
720-95707-50	10A,B,C,D	70 p	58
720-95707-76	N1	61	57
720-95707-79 MS	S2	78	64

**Surrogate Legend**

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (21-145)	DCBP2 (21-136)
720-95707-5	1A,B,C,D	82	56 p
720-95707-20	4A,B,C,D	76	61
720-95707-25	5A,B,C,D	70 p	78
720-95707-30	6A,B,C,D	87	66
720-95707-35	7A,B,C,D	103	67

# Surrogate Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (21-145)	DCBP2 (21-136)
720-95707-45	9A,B,C,D	88	84
720-95707-55	11A,B,C,D	73 p	62
720-95707-60	12A,B,C,D	86	52
720-95707-65	13A,B,C,D	72 p	60
720-95707-70	14A,B,C,D	79	54
720-95707-75	15A,B,C,D	78	74
720-95707-77	N2	79	79
720-95707-78	S1	67	62
720-95707-79	S2	83	78
720-95707-79 MSD	S2	78	72
MB 720-275275/1-A	Method Blank	74	87

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (21-145)	DCBP2 (21-136)
LCS 720-275275/2-A	Lab Control Sample	76	87

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX2 (36-112)	DCBP1 (14-126)
720-95707-80	RINSATE	69	81
LCS 720-275108/2-A	Lab Control Sample	85	77
LCSD 720-275108/3-A	Lab Control Sample Dup	83	71

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

## Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (36-112)	DCBP1 (14-126)
MB 720-275108/1-A	Method Blank	85	78

#### Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

# Surrogate Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: EPA 8141A - Organophosphorous Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TPP1 (37-139)	TPP2 (37-139)	TBPH1 (20-140)	TBPH2 (20-140)
720-95707-10	2A,B,C,D	107	100	83	73
720-95707-45	9A,B,C,D	114	109	93	81
720-95707-55	11A,B,C,D	110	102	91	81
720-95707-76	N1	99	93	80	70
LCS 180-296294/2-A	Lab Control Sample	118	112	101	91
MB 180-296294/1-A	Method Blank	85	86	62	55

#### Surrogate Legend

TPP = Triphenylphosphate

TBPH = Tributyl phosphate

## Method: EPA 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPAA1 (23-122)	DCPAA2 (23-122)
720-95707-10	2A,B,C,D	30	28
720-95707-45	9A,B,C,D	42	46
720-95707-55	11A,B,C,D	40	39
720-95707-76	N1	31	30
LCS 180-296408/2-A	Lab Control Sample	46	47
LCSD 180-296408/3-A	Lab Control Sample Dup	42	48
MB 180-296408/1-A	Method Blank	37	36

#### Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid



# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8015B - Diesel Range Organics (DRO) (GC)

**Lab Sample ID: MB 720-275183/1-A**  
**Matrix: Water**  
**Analysis Batch: 275201**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275183**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		10/25/19 16:50	10/26/19 15:16	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		10/25/19 16:50	10/26/19 15:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	92		23 - 156				10/25/19 16:50	10/26/19 15:16	1

**Lab Sample ID: LCS 720-275183/2-A**  
**Matrix: Water**  
**Analysis Batch: 275201**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275183**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]	2500	1970		ug/L		79	34 - 115
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
p-Terphenyl	98		23 - 156				

**Lab Sample ID: LCSD 720-275183/3-A**  
**Matrix: Water**  
**Analysis Batch: 275201**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 275183**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Diesel Range Organics [C10-C28]	2500	2070		ug/L		83	34 - 115	5	35
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
p-Terphenyl	103		23 - 156						

**Lab Sample ID: MB 720-275264/1-A**  
**Matrix: Solid**  
**Analysis Batch: 275314**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275264**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		2.0		mg/Kg		10/28/19 11:52	10/30/19 05:58	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		10/28/19 11:52	10/30/19 05:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	108		40 - 130				10/28/19 11:52	10/30/19 05:58	1

**Lab Sample ID: LCS 720-275264/2-A**  
**Matrix: Solid**  
**Analysis Batch: 275314**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275264**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Diesel Range Organics [C10-C28]	167	155		mg/Kg		93	50 - 150

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# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

**Lab Sample ID: LCS 720-275264/2-A**  
**Matrix: Solid**  
**Analysis Batch: 275314**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275264**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
p-Terphenyl	110		40 - 130

## Method: 8081A - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 720-275108/1-A**  
**Matrix: Water**  
**Analysis Batch: 275129**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275108**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Dieldrin	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Endrin aldehyde	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Endrin	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Endrin ketone	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Heptachlor	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Heptachlor epoxide	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
4,4'-DDT	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
4,4'-DDE	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
4,4'-DDD	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Endosulfan I	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Endosulfan II	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
alpha-BHC	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
beta-BHC	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
gamma-BHC (Lindane)	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
delta-BHC	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Endosulfan sulfate	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Methoxychlor	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
Toxaphene	ND		1.0		ug/L		10/24/19 15:09	10/25/19 09:25	1
Chlordane (technical)	ND		1.0		ug/L		10/24/19 15:09	10/25/19 09:25	1
cis-Chlordane	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1
trans-Chlordane	ND		0.060		ug/L		10/24/19 15:09	10/25/19 09:25	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Tetrachloro-m-xylene	85		36 - 112	10/24/19 15:09	10/25/19 09:25	1
DCB Decachlorobiphenyl	78		14 - 126	10/24/19 15:09	10/25/19 09:25	1

**Lab Sample ID: LCS 720-275108/2-A**  
**Matrix: Water**  
**Analysis Batch: 275129**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275108**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dieldrin	0.500	0.443		ug/L		89	43 - 120
Endrin aldehyde	0.500	0.540		ug/L		108	40 - 120
Endrin	0.500	0.440		ug/L		88	15 - 138
Endrin ketone	0.500	0.472		ug/L		94	40 - 120
Heptachlor	0.500	0.427		ug/L		85	17 - 128
Heptachlor epoxide	0.500	0.452		ug/L		90	40 - 120

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# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 720-275108/2-A**  
**Matrix: Water**  
**Analysis Batch: 275129**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275108**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDT	0.500	0.433		ug/L		87	46 - 120
4,4'-DDE	0.500	0.430		ug/L		86	40 - 120
4,4'-DDD	0.500	0.443		ug/L		89	40 - 120
Endosulfan I	0.500	0.451		ug/L		90	40 - 120
Endosulfan II	0.500	0.473		ug/L		95	40 - 120
alpha-BHC	0.500	0.408		ug/L		82	40 - 120
beta-BHC	0.500	0.467		ug/L		93	40 - 120
gamma-BHC (Lindane)	0.500	0.431		ug/L		86	46 - 121
delta-BHC	0.500	0.351		ug/L		70	40 - 120
Endosulfan sulfate	0.500	0.449		ug/L		90	40 - 120
Methoxychlor	0.500	0.457		ug/L		91	40 - 120
cis-Chlordane	0.500	0.448		ug/L		90	40 - 120
trans-Chlordane	0.500	0.436		ug/L		87	40 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	85		36 - 112
DCB Decachlorobiphenyl	77		14 - 126

**Lab Sample ID: LCSD 720-275108/3-A**  
**Matrix: Water**  
**Analysis Batch: 275129**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 275108**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aldrin	0.500	0.375		ug/L		75	44 - 120	4	20
Dieldrin	0.500	0.430		ug/L		86	43 - 120	3	20
Endrin aldehyde	0.500	0.519		ug/L		104	40 - 120	4	20
Endrin	0.500	0.429		ug/L		86	15 - 138	3	20
Endrin ketone	0.500	0.457		ug/L		91	40 - 120	3	20
Heptachlor	0.500	0.415		ug/L		83	17 - 128	3	20
Heptachlor epoxide	0.500	0.439		ug/L		88	40 - 120	3	20
4,4'-DDT	0.500	0.418		ug/L		84	46 - 120	4	20
4,4'-DDE	0.500	0.414		ug/L		83	40 - 120	4	20
4,4'-DDD	0.500	0.429		ug/L		86	40 - 120	3	20
Endosulfan I	0.500	0.439		ug/L		88	40 - 120	3	30
Endosulfan II	0.500	0.459		ug/L		92	40 - 120	3	20
alpha-BHC	0.500	0.394		ug/L		79	40 - 120	4	20
beta-BHC	0.500	0.456		ug/L		91	40 - 120	2	20
gamma-BHC (Lindane)	0.500	0.419		ug/L		84	46 - 121	3	20
delta-BHC	0.500	0.341		ug/L		68	40 - 120	3	20
Endosulfan sulfate	0.500	0.434		ug/L		87	40 - 120	3	20
Methoxychlor	0.500	0.453		ug/L		91	40 - 120	1	20
cis-Chlordane	0.500	0.434		ug/L		87	40 - 120	3	20
trans-Chlordane	0.500	0.423		ug/L		85	40 - 120	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	83		36 - 112
DCB Decachlorobiphenyl	71		14 - 126

# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 720-275275/1-A**  
**Matrix: Solid**  
**Analysis Batch: 275602**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275275**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Dieldrin	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Endrin aldehyde	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Endrin	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Endrin ketone	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Heptachlor	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Heptachlor epoxide	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
4,4'-DDT	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
4,4'-DDE	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
4,4'-DDD	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Endosulfan I	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Endosulfan II	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
alpha-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
beta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
delta-BHC	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Endosulfan sulfate	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Methoxychlor	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Toxaphene	ND		40		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Chlordane (technical)	ND		40		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
cis-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
trans-Chlordane	ND		2.0		ug/Kg		10/28/19 14:53	11/04/19 17:14	1
Surrogate	MB	MB	Limits			D	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
Tetrachloro-m-xylene	74		21 - 145				10/28/19 14:53	11/04/19 17:14	1
DCB Decachlorobiphenyl	87		21 - 136				10/28/19 14:53	11/04/19 17:14	1

**Lab Sample ID: LCS 720-275275/2-A**  
**Matrix: Solid**  
**Analysis Batch: 275602**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275275**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aldrin	16.7	12.2		ug/Kg		73	65 - 120
Dieldrin	16.7	13.0		ug/Kg		78	72 - 120
Endrin aldehyde	16.7	15.5		ug/Kg		93	68 - 120
Endrin	16.7	12.9		ug/Kg		77	68 - 120
Endrin ketone	16.7	13.4		ug/Kg		80	75 - 136
Heptachlor	16.7	12.7		ug/Kg		76	69 - 120
Heptachlor epoxide	16.7	13.3		ug/Kg		80	68 - 120
4,4'-DDT	16.7	12.2		ug/Kg		73	63 - 127
4,4'-DDE	16.7	12.9		ug/Kg		77	76 - 126
4,4'-DDD	16.7	13.5		ug/Kg		81	75 - 128
Endosulfan I	16.7	13.3		ug/Kg		80	62 - 120
Endosulfan II	16.7	14.0		ug/Kg		84	65 - 120
alpha-BHC	16.7	11.8		ug/Kg		71	46 - 122
beta-BHC	16.7	13.9		ug/Kg		83	78 - 136
gamma-BHC (Lindane)	16.7	12.6		ug/Kg		76	72 - 120
delta-BHC	16.7	10.6		ug/Kg		64	43 - 125

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# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 720-275275/2-A**  
**Matrix: Solid**  
**Analysis Batch: 275602**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275275**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan sulfate	16.7	13.6		ug/Kg		81	72 - 121
Methoxychlor	16.7	13.2		ug/Kg		79	71 - 132
cis-Chlordane	16.7	13.2		ug/Kg		79	70 - 120
trans-Chlordane	16.7	12.9		ug/Kg		78	68 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	76		21 - 145
DCB Decachlorobiphenyl	87		21 - 136

**Lab Sample ID: 720-95707-79 MS**  
**Matrix: Solid**  
**Analysis Batch: 275602**

**Client Sample ID: S2**  
**Prep Type: Total/NA**  
**Prep Batch: 275275**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aldrin	ND		16.5	12.0		ug/Kg		72	53 - 120
Dieldrin	9.5		16.5	20.5		ug/Kg		66	46 - 130
Endrin aldehyde	ND		16.5	11.6	p	ug/Kg		70	40 - 120
Endrin	ND		16.5	14.1		ug/Kg		85	32 - 143
Endrin ketone	ND		16.5	10.2		ug/Kg		62	40 - 120
Heptachlor	ND		16.5	10.6		ug/Kg		64	52 - 120
Heptachlor epoxide	ND		16.5	15.8		ug/Kg		96	40 - 120
4,4'-DDT	36	F2 F1	16.5	38.0	F1	ug/Kg		4	17 - 144
4,4'-DDE	240		16.5	245	4	ug/Kg		15	40 - 120
4,4'-DDD	11		16.5	25.8		ug/Kg		98	40 - 120
Endosulfan I	ND		16.5	12.6		ug/Kg		76	40 - 120
Endosulfan II	ND		16.5	15.8		ug/Kg		96	40 - 120
alpha-BHC	ND		16.5	11.7		ug/Kg		71	40 - 120
beta-BHC	ND		16.5	13.2		ug/Kg		80	40 - 120
gamma-BHC (Lindane)	ND		16.5	12.6		ug/Kg		76	58 - 120
delta-BHC	ND		16.5	11.2		ug/Kg		68	40 - 120
Endosulfan sulfate	ND		16.5	14.6		ug/Kg		88	40 - 120
Methoxychlor	ND	F2	16.5	8.56	p	ug/Kg		52	40 - 120
cis-Chlordane	ND		16.5	14.4		ug/Kg		87	40 - 120
trans-Chlordane	ND		16.5	17.2		ug/Kg		104	40 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	78		21 - 145
DCB Decachlorobiphenyl	64		21 - 136

**Lab Sample ID: 720-95707-79 MSD**  
**Matrix: Solid**  
**Analysis Batch: 275602**

**Client Sample ID: S2**  
**Prep Type: Total/NA**  
**Prep Batch: 275275**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Aldrin	ND		16.0	12.4		ug/Kg		77	53 - 120	3	20
Dieldrin	9.5		16.0	21.7		ug/Kg		76	46 - 130	6	20
Endrin aldehyde	ND		16.0	11.9	p	ug/Kg		74	40 - 120	3	20
Endrin	ND		16.0	15.9		ug/Kg		99	32 - 143	12	20

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# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 8081A - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: 720-95707-79 MSD**

**Matrix: Solid**

**Analysis Batch: 275602**

**Client Sample ID: S2**

**Prep Type: Total/NA**

**Prep Batch: 275275**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier		Result	Qualifier						
Endrin ketone	ND		16.0	11.4		ug/Kg		71	40 - 120	11	20
Heptachlor	ND		16.0	11.1		ug/Kg		70	52 - 120	5	20
Heptachlor epoxide	ND		16.0	16.0		ug/Kg		100	40 - 120	1	20
4,4'-DDT	36	F2 F1	16.0	48.6	F2	ug/Kg		70	17 - 144	24	20
4,4'-DDE	240		16.0	252	4	ug/Kg		59	40 - 120	3	20
4,4'-DDD	9.5		16.0	25.3		ug/Kg		99	40 - 120	2	20
Endosulfan I	ND		16.0	13.3		ug/Kg		83	40 - 120	6	20
Endosulfan II	ND		16.0	17.2		ug/Kg		107	40 - 120	8	30
alpha-BHC	ND		16.0	11.8		ug/Kg		74	40 - 120	1	20
beta-BHC	ND		16.0	13.2		ug/Kg		83	40 - 120	0	20
gamma-BHC (Lindane)	ND		16.0	12.8		ug/Kg		80	58 - 120	2	20
delta-BHC	ND		16.0	11.5		ug/Kg		72	40 - 120	2	20
Endosulfan sulfate	ND		16.0	15.7		ug/Kg		98	40 - 120	7	20
Methoxychlor	ND	F2	16.0	11.3	p F2	ug/Kg		70	40 - 120	27	20
cis-Chlordane	ND		16.0	15.1		ug/Kg		95	40 - 120	5	20
trans-Chlordane	ND		16.0	17.8		ug/Kg		111	40 - 120	4	20
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>		<b>Qualifier</b>	<b>Limits</b>							
Tetrachloro-m-xylene	78			21 - 145							
DCB Decachlorobiphenyl	72			21 - 136							

## Method: EPA 8141A - Organophosphorous Pesticides (GC)

**Lab Sample ID: MB 180-296294/1-A**

**Matrix: Solid**

**Analysis Batch: 296331**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 296294**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Azinphos-methyl	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Bolstar	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Chlorpyrifos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Coumaphos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Demeton, Total	ND		66		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Diazinon	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Dichlorvos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Dimethoate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Disulfoton	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
EPN	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Famphur	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Fensulfothion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Fenthion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Malathion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Methyl parathion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Mevinphos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
O,O,O-Triethyl phosphorothioate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Parathion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Phorate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Ronnel	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Stirophos	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1

Eurofins TestAmerica, Pleasanton

# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: EPA 8141A - Organophosphorous Pesticides (GC) (Continued)

**Lab Sample ID: MB 180-296294/1-A**  
**Matrix: Solid**  
**Analysis Batch: 296331**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 296294**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfotepp	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Tokuthion	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Trichloronate	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Mocap	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1
Thionazin	ND		33		ug/Kg		10/28/19 13:34	10/29/19 12:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Triphenylphosphate	86		37 - 139	10/28/19 13:34	10/29/19 12:54	1
Tributyl phosphate	62		20 - 140	10/28/19 13:34	10/29/19 12:54	1

**Lab Sample ID: LCS 180-296294/2-A**  
**Matrix: Solid**  
**Analysis Batch: 296331**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 296294**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Azinphos-methyl	333	308		ug/Kg		92	41 - 143
Bolstar	333	333		ug/Kg		100	57 - 136
Chlorpyrifos	333	336		ug/Kg		101	59 - 142
Coumaphos	333	336		ug/Kg		101	59 - 139
Demeton, Total	333	335		ug/Kg		101	48 - 150
Diazinon	333	329		ug/Kg		99	57 - 135
Dichlorvos	333	388		ug/Kg		116	35 - 150
Dimethoate	333	292		ug/Kg		87	39 - 142
Disulfoton	333	310		ug/Kg		93	27 - 150
EPN	333	338		ug/Kg		101	44 - 130
Famphur	333	331		ug/Kg		99	54 - 125
Fensulfothion	333	325		ug/Kg		98	44 - 142
Fenthion	333	323		ug/Kg		97	60 - 138
Malathion	333	336		ug/Kg		101	57 - 134
Methyl parathion	333	331		ug/Kg		99	52 - 136
Mevinphos	333	278		ug/Kg		83	37 - 135
O,O,O-Triethyl phosphorothioate	333	334		ug/Kg		100	57 - 124
Parathion	333	330		ug/Kg		99	54 - 129
Phorate	333	288		ug/Kg		86	50 - 125
Ronnel	333	335		ug/Kg		101	60 - 136
Stirophos	333	348		ug/Kg		104	53 - 134
Sulfotepp	333	304		ug/Kg		91	56 - 128
Tokuthion	333	337		ug/Kg		101	54 - 137
Trichloronate	333	331		ug/Kg		99	56 - 140
Mocap	333	283		ug/Kg		85	50 - 133
Thionazin	333	299		ug/Kg		90	52 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Triphenylphosphate	118		37 - 139
Tributyl phosphate	101		20 - 140

# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: EPA 8151A - Herbicides (GC)

**Lab Sample ID: MB 180-296408/1-A**  
**Matrix: Solid**  
**Analysis Batch: 296631**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 296408**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		80		ug/Kg		10/29/19 09:30	10/31/19 10:21	1
2,4,5-T	ND		20		ug/Kg		10/29/19 09:30	10/31/19 10:21	1
Silvex (2,4,5-TP)	ND		20		ug/Kg		10/29/19 09:30	10/31/19 10:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	37		23 - 122	10/29/19 09:30	10/31/19 10:21	1

**Lab Sample ID: LCS 180-296408/2-A**  
**Matrix: Solid**  
**Analysis Batch: 296631**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 296408**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4-D	400	104	p	ug/Kg		26	10 - 125
2,4,5-T	100	33.0		ug/Kg		33	10 - 110
Silvex (2,4,5-TP)	100	44.5		ug/Kg		44	10 - 118

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	47		23 - 122

**Lab Sample ID: LCSD 180-296408/3-A**  
**Matrix: Solid**  
**Analysis Batch: 296631**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 296408**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
2,4-D	400	74.2	J p	ug/Kg		19	10 - 125	33	40
2,4,5-T	100	25.4		ug/Kg		25	10 - 110	26	40
Silvex (2,4,5-TP)	100	42.1		ug/Kg		42	10 - 118	5	40

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	48		23 - 122

## Method: 6850 - Perchlorate by LC/MS or LC/MS/MS

**Lab Sample ID: MB 320-334873/1-A**  
**Matrix: Solid**  
**Analysis Batch: 335178**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 334873**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perchlorate	ND		5.0		ug/Kg		10/30/19 19:35	10/31/19 19:18	1

**Lab Sample ID: LCS 320-334873/2-A**  
**Matrix: Solid**  
**Analysis Batch: 335178**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 334873**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Perchlorate	50.0	53.4		ug/Kg		107	80 - 120



# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 6850 - Perchlorate by LC/MS or LC/MS/MS (Continued)

**Lab Sample ID: 720-95707-45 MS**  
**Matrix: Solid**  
**Analysis Batch: 335178**

**Client Sample ID: 9A,B,C,D**  
**Prep Type: Total/NA**  
**Prep Batch: 334873**  
**%Rec.**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Perchlorate	ND		49.3	51.5		ug/Kg		102	80 - 120

**Lab Sample ID: 720-95707-45 MSD**  
**Matrix: Solid**  
**Analysis Batch: 335178**

**Client Sample ID: 9A,B,C,D**  
**Prep Type: Total/NA**  
**Prep Batch: 334873**  
**%Rec.**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Perchlorate	ND		49.0	52.0		ug/Kg		104	80 - 120	1	15

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 720-275122/1-A**  
**Matrix: Water**  
**Analysis Batch: 275231**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275122**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Arsenic	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Barium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Beryllium	ND		0.0020		mg/L		10/24/19 17:31	10/26/19 11:47	1
Cadmium	ND		0.0025		mg/L		10/24/19 17:31	10/26/19 11:47	1
Chromium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Cobalt	ND		0.0020		mg/L		10/24/19 17:31	10/26/19 11:47	1
Copper	ND		0.020		mg/L		10/24/19 17:31	10/26/19 11:47	1
Lead	ND		0.0050		mg/L		10/24/19 17:31	10/26/19 11:47	1
Molybdenum	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Nickel	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Selenium	ND		0.020		mg/L		10/24/19 17:31	10/26/19 11:47	1
Silver	ND		0.0050		mg/L		10/24/19 17:31	10/26/19 11:47	1
Thallium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Vanadium	ND		0.010		mg/L		10/24/19 17:31	10/26/19 11:47	1
Zinc	ND		0.020		mg/L		10/24/19 17:31	10/26/19 11:47	1

**Lab Sample ID: LCS 720-275122/2-A**  
**Matrix: Water**  
**Analysis Batch: 275231**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275122**  
**%Rec.**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Antimony	1.00	0.933		mg/L		93	80 - 120
Arsenic	1.00	0.930		mg/L		93	80 - 120
Barium	1.00	0.974		mg/L		97	80 - 120
Beryllium	1.00	0.974		mg/L		97	80 - 120
Cadmium	1.00	0.944		mg/L		94	80 - 120
Chromium	1.00	0.955		mg/L		95	80 - 120
Cobalt	1.00	0.965		mg/L		97	80 - 120
Copper	1.00	0.963		mg/L		96	80 - 120
Lead	1.00	0.904		mg/L		90	80 - 120
Molybdenum	1.00	0.960		mg/L		96	80 - 120
Nickel	1.00	0.946		mg/L		95	80 - 120

Eurofins TestAmerica, Pleasanton

# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 720-275122/2-A**  
**Matrix: Water**  
**Analysis Batch: 275231**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275122**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	1.00	0.931		mg/L		93	80 - 120
Silver	0.500	0.466		mg/L		93	80 - 120
Thallium	1.00	0.969		mg/L		97	80 - 120
Vanadium	1.00	0.928		mg/L		93	80 - 120
Zinc	1.00	0.975		mg/L		97	80 - 120

**Lab Sample ID: MB 720-275169/1-A**  
**Matrix: Solid**  
**Analysis Batch: 275432**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Arsenic	ND		1.0		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Barium	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Cadmium	ND		0.13		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Chromium	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Cobalt	ND		0.20		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Copper	ND		1.5		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Lead	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Molybdenum	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Nickel	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Selenium	ND		1.0		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Silver	ND		0.25		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Thallium	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Vanadium	ND		0.50		mg/Kg		10/26/19 11:21	10/30/19 23:38	1
Zinc	ND		1.5		mg/Kg		10/26/19 11:21	10/30/19 23:38	1

**Lab Sample ID: MB 720-275169/1-A**  
**Matrix: Solid**  
**Analysis Batch: 275551**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.50		mg/Kg		10/26/19 11:21	10/31/19 13:19	1
Beryllium	ND		0.10		mg/Kg		10/26/19 11:21	10/31/19 13:19	1

**Lab Sample ID: LCS 720-275169/2-A**  
**Matrix: Solid**  
**Analysis Batch: 275542**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	50.0	46.6		mg/Kg		93	80 - 120
Arsenic	50.0	46.1		mg/Kg		92	80 - 120
Barium	50.0	47.5		mg/Kg		95	80 - 120
Beryllium	50.0	48.2		mg/Kg		96	80 - 120
Cadmium	50.0	49.5		mg/Kg		99	80 - 120
Chromium	50.0	48.3		mg/Kg		97	80 - 120
Cobalt	50.0	50.9		mg/Kg		102	80 - 120
Copper	50.0	47.7		mg/Kg		95	80 - 120
Lead	50.0	47.3		mg/Kg		95	80 - 120

Eurofins TestAmerica, Pleasanton

# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: LCS 720-275169/2-A**  
**Matrix: Solid**  
**Analysis Batch: 275542**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Molybdenum	50.0	48.2		mg/Kg		96	80 - 120
Nickel	50.0	50.8		mg/Kg		102	80 - 120
Selenium	50.0	45.4		mg/Kg		91	80 - 120
Silver	25.0	23.5		mg/Kg		94	80 - 120
Thallium	50.0	50.0		mg/Kg		100	80 - 120
Vanadium	50.0	47.9		mg/Kg		96	80 - 120
Zinc	50.0	49.1		mg/Kg		98	80 - 120

**Lab Sample ID: 720-95707-5 MS**  
**Matrix: Solid**  
**Analysis Batch: 275432**

**Client Sample ID: 1A,B,C,D**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	49.5	2.77	F1	mg/Kg		4	75 - 125
Arsenic	ND	F1	49.5	10.8	F1	mg/Kg		15	75 - 125
Barium	210	^	49.5	52.8	4	mg/Kg		-323	75 - 125
Cadmium	ND	F1	49.5	11.0	F1	mg/Kg		22	75 - 125
Chromium	170	F1	49.5	45.8	F1	mg/Kg		-244	75 - 125
Cobalt	30	F1	49.5	17.7	F1	mg/Kg		-25	75 - 125
Copper	51	F1	49.5	22.5	F1	mg/Kg		-59	75 - 125
Lead	11	F1	49.5	12.5	F1	mg/Kg		3	75 - 125
Molybdenum	ND	F1	49.5	8.99	F1	mg/Kg		18	75 - 125
Nickel	170	F1	49.5	47.8	F1	mg/Kg		-246	75 - 125
Selenium	ND	F1	49.5	9.96	F1	mg/Kg		20	75 - 125
Silver	ND	F2 F1	24.8	3.51	F1	mg/Kg		13	75 - 125
Thallium	ND	F1	49.5	10.7	F1	mg/Kg		22	75 - 125
Vanadium	120	F1	49.5	36.2	F1	mg/Kg		-165	75 - 125
Zinc	77	F1	49.5	28.1	F1	mg/Kg		-98	75 - 125

**Lab Sample ID: 720-95707-5 MS**  
**Matrix: Solid**  
**Analysis Batch: 275551**

**Client Sample ID: 1A,B,C,D**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	180	F1	49.5	207	F1	mg/Kg		49	75 - 125
Beryllium	0.42	F1	49.5	44.3		mg/Kg		89	75 - 125

**Lab Sample ID: 720-95707-5 MSD**  
**Matrix: Solid**  
**Analysis Batch: 275432**

**Client Sample ID: 1A,B,C,D**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	49.5	2.97	F1	mg/Kg		5	75 - 125	7	20
Arsenic	ND	F1	49.5	10.6	F1	mg/Kg		15	75 - 125	2	20
Barium	210	^	49.5	54.3	4	mg/Kg		-320	75 - 125	3	20
Cadmium	ND	F1	49.5	10.8	F1	mg/Kg		21	75 - 125	1	20
Chromium	170	F1	49.5	42.5	F1	mg/Kg		-251	75 - 125	7	20
Cobalt	30	F1	49.5	17.0	F1	mg/Kg		-26	75 - 125	4	20
Copper	51	F1	49.5	22.0	F1	mg/Kg		-60	75 - 125	2	20

Eurofins TestAmerica, Pleasanton

# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: 720-95707-5 MSD**  
**Matrix: Solid**  
**Analysis Batch: 275432**

**Client Sample ID: 1A,B,C,D**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Lead	11	F1	49.5	12.3	F1	mg/Kg		3	75 - 125	2	20	
Molybdenum	ND	F1	49.5	8.92	F1	mg/Kg		18	75 - 125	1	20	
Nickel	170	F1	49.5	46.1	F1	mg/Kg		-250	75 - 125	4	20	
Selenium	ND	F1	49.5	9.83	F1	mg/Kg		20	75 - 125	1	20	
Silver	ND	F2 F1	24.8	2.77	F2 F1	mg/Kg		10	75 - 125	24	20	
Thallium	ND	F1	49.5	10.7	F1	mg/Kg		22	75 - 125	0	20	
Vanadium	120	F1	49.5	37.0	F1	mg/Kg		-164	75 - 125	2	20	
Zinc	77	F1	49.5	27.3	F1	mg/Kg		-100	75 - 125	3	20	

**Lab Sample ID: 720-95707-5 MSD**  
**Matrix: Solid**  
**Analysis Batch: 275551**

**Client Sample ID: 1A,B,C,D**  
**Prep Type: Total/NA**  
**Prep Batch: 275169**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec.		RPD	Limit
				Result	Qualifier				Limits	RPD		
Barium	180	F1	49.5	190	F1	mg/Kg		15	75 - 125	9	20	
Beryllium	0.42	F1	49.5	41.1		mg/Kg		82	75 - 125	8	20	

**Lab Sample ID: MB 720-275445/1-A**  
**Matrix: Solid**  
**Analysis Batch: 275543**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 275445**

Analyte	MB MB		RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac
	Result	Qualifier									
Antimony	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Arsenic	ND		1.0		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Barium	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Beryllium	ND		0.10		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Cadmium	ND		0.13		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Chromium	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Cobalt	ND		0.20		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Copper	ND		1.5		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Lead	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Molybdenum	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Nickel	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Selenium	ND		1.0		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Silver	ND		0.25		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Thallium	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Vanadium	ND		0.50		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	
Zinc	ND		1.5		mg/Kg		10/31/19 10:46	11/01/19 11:26		1	

**Lab Sample ID: LCS 720-275445/2-A**  
**Matrix: Solid**  
**Analysis Batch: 275543**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 275445**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec.	
		Result	Qualifier				Limits	RPD
Antimony	50.0	48.1		mg/Kg		96	80 - 120	
Arsenic	50.0	47.3		mg/Kg		95	80 - 120	
Barium	50.0	49.6		mg/Kg		99	80 - 120	
Beryllium	50.0	49.7		mg/Kg		99	80 - 120	
Cadmium	50.0	48.1		mg/Kg		96	80 - 120	

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# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 720-275445/2-A  
Matrix: Solid  
Analysis Batch: 275543

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 275445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	50.0	48.2		mg/Kg		96	80 - 120
Cobalt	50.0	49.6		mg/Kg		99	80 - 120
Copper	50.0	49.0		mg/Kg		98	80 - 120
Lead	50.0	48.4		mg/Kg		97	80 - 120
Molybdenum	50.0	49.3		mg/Kg		99	80 - 120
Nickel	50.0	47.7		mg/Kg		95	80 - 120
Selenium	50.0	48.2		mg/Kg		96	80 - 120
Silver	25.0	21.8		mg/Kg		87	80 - 120
Thallium	50.0	49.1		mg/Kg		98	80 - 120
Vanadium	50.0	50.9		mg/Kg		102	80 - 120
Zinc	50.0	50.7		mg/Kg		101	80 - 120

## Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 720-275853/1-A  
Matrix: Water  
Analysis Batch: 275870

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 275853

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		11/07/19 14:38	11/07/19 18:01	1

Lab Sample ID: LCS 720-275853/2-A  
Matrix: Water  
Analysis Batch: 275870

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 275853

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.0100	0.00917		mg/L		92	85 - 115

Lab Sample ID: 720-95707-80 MS  
Matrix: Water  
Analysis Batch: 275870

Client Sample ID: RINSATE  
Prep Type: Total/NA  
Prep Batch: 275853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.0100	0.0115		mg/L		115	75 - 125

Lab Sample ID: 720-95707-80 MSD  
Matrix: Water  
Analysis Batch: 275870

Client Sample ID: RINSATE  
Prep Type: Total/NA  
Prep Batch: 275853

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Mercury	ND		0.0100	0.0118		mg/L		118	75 - 125	3	20

## Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-275607/1-A  
Matrix: Solid  
Analysis Batch: 275859

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 275607

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.017		mg/Kg		11/04/19 09:03	11/07/19 13:52	1

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# QC Sample Results

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 720-275607/2-A  
Matrix: Solid  
Analysis Batch: 275859

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 275607  
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.833	0.857		mg/Kg		103	80 - 120

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

# QC Association Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## GC Semi VOA

### Prep Batch: 275108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	3510C	
MB 720-275108/1-A	Method Blank	Total/NA	Water	3510C	
LCS 720-275108/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-275108/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 275129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	8081A	275108
MB 720-275108/1-A	Method Blank	Total/NA	Water	8081A	275108
LCS 720-275108/2-A	Lab Control Sample	Total/NA	Water	8081A	275108
LCSD 720-275108/3-A	Lab Control Sample Dup	Total/NA	Water	8081A	275108

### Prep Batch: 275183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	3510C	
MB 720-275183/1-A	Method Blank	Total/NA	Water	3510C	
LCS 720-275183/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 720-275183/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

### Analysis Batch: 275201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-275183/1-A	Method Blank	Total/NA	Water	8015B	275183
LCS 720-275183/2-A	Lab Control Sample	Total/NA	Water	8015B	275183
LCSD 720-275183/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	275183

### Analysis Batch: 275226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	8015B	275183

### Prep Batch: 275264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-76	N1	Total/NA	Solid	3546	
720-95707-77	N2	Total/NA	Solid	3546	
720-95707-78	S1	Total/NA	Solid	3546	
720-95707-79	S2	Total/NA	Solid	3546	
MB 720-275264/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-275264/2-A	Lab Control Sample	Total/NA	Solid	3546	

### Prep Batch: 275275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-5	1A,B,C,D	Total/NA	Solid	3546	
720-95707-10	2A,B,C,D	Total/NA	Solid	3546	
720-95707-15	3A,B,C,D	Total/NA	Solid	3546	
720-95707-20	4A,B,C,D	Total/NA	Solid	3546	
720-95707-25	5A,B,C,D	Total/NA	Solid	3546	
720-95707-30	6A,B,C,D	Total/NA	Solid	3546	
720-95707-35	7A,B,C,D	Total/NA	Solid	3546	
720-95707-40	8A,B,C,D	Total/NA	Solid	3546	
720-95707-45	9A,B,C,D	Total/NA	Solid	3546	
720-95707-50	10A,B,C,D	Total/NA	Solid	3546	
720-95707-55	11A,B,C,D	Total/NA	Solid	3546	

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# QC Association Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## GC Semi VOA (Continued)

### Prep Batch: 275275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-60	12A,B,C,D	Total/NA	Solid	3546	
720-95707-65	13A,B,C,D	Total/NA	Solid	3546	
720-95707-70	14A,B,C,D	Total/NA	Solid	3546	
720-95707-75	15A,B,C,D	Total/NA	Solid	3546	
720-95707-76	N1	Total/NA	Solid	3546	
720-95707-77	N2	Total/NA	Solid	3546	
720-95707-78	S1	Total/NA	Solid	3546	
720-95707-79	S2	Total/NA	Solid	3546	
MB 720-275275/1-A	Method Blank	Total/NA	Solid	3546	
LCS 720-275275/2-A	Lab Control Sample	Total/NA	Solid	3546	
720-95707-79 MS	S2	Total/NA	Solid	3546	
720-95707-79 MSD	S2	Total/NA	Solid	3546	

### Analysis Batch: 275314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-275264/1-A	Method Blank	Total/NA	Solid	8015B	275264
LCS 720-275264/2-A	Lab Control Sample	Total/NA	Solid	8015B	275264

### Analysis Batch: 275355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-77	N2	Total/NA	Solid	8015B	275264
720-95707-78	S1	Total/NA	Solid	8015B	275264
720-95707-79	S2	Total/NA	Solid	8015B	275264

### Analysis Batch: 275435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-76	N1	Total/NA	Solid	8015B	275264

### Analysis Batch: 275574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-50	10A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-55	11A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-60	12A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-65	13A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-70	14A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-75	15A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-76	N1	Total/NA	Solid	8081A	275275
720-95707-77	N2	Total/NA	Solid	8081A	275275
720-95707-78	S1	Total/NA	Solid	8081A	275275

### Analysis Batch: 275602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-5	1A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-79	S2	Total/NA	Solid	8081A	275275
MB 720-275275/1-A	Method Blank	Total/NA	Solid	8081A	275275
LCS 720-275275/2-A	Lab Control Sample	Total/NA	Solid	8081A	275275
720-95707-79 MS	S2	Total/NA	Solid	8081A	275275
720-95707-79 MSD	S2	Total/NA	Solid	8081A	275275



# QC Association Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## GC Semi VOA

### Analysis Batch: 275661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-10	2A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-15	3A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-20	4A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-25	5A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-30	6A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-35	7A,B,C,D	Total/NA	Solid	8081A	275275

### Analysis Batch: 275682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-40	8A,B,C,D	Total/NA	Solid	8081A	275275
720-95707-45	9A,B,C,D	Total/NA	Solid	8081A	275275

### Prep Batch: 296294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-10	2A,B,C,D	Total/NA	Solid	3541	
720-95707-45	9A,B,C,D	Total/NA	Solid	3541	
720-95707-55	11A,B,C,D	Total/NA	Solid	3541	
720-95707-76	N1	Total/NA	Solid	3541	
MB 180-296294/1-A	Method Blank	Total/NA	Solid	3541	
LCS 180-296294/2-A	Lab Control Sample	Total/NA	Solid	3541	

### Analysis Batch: 296331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-10	2A,B,C,D	Total/NA	Solid	EPA 8141A	296294
720-95707-45	9A,B,C,D	Total/NA	Solid	EPA 8141A	296294
720-95707-55	11A,B,C,D	Total/NA	Solid	EPA 8141A	296294
720-95707-76	N1	Total/NA	Solid	EPA 8141A	296294
MB 180-296294/1-A	Method Blank	Total/NA	Solid	EPA 8141A	296294
LCS 180-296294/2-A	Lab Control Sample	Total/NA	Solid	EPA 8141A	296294

### Prep Batch: 296408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-10	2A,B,C,D	Total/NA	Solid	8151A	
720-95707-45	9A,B,C,D	Total/NA	Solid	8151A	
720-95707-55	11A,B,C,D	Total/NA	Solid	8151A	
720-95707-76	N1	Total/NA	Solid	8151A	
MB 180-296408/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 180-296408/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 180-296408/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

### Analysis Batch: 296631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-10	2A,B,C,D	Total/NA	Solid	EPA 8151A	296408
720-95707-45	9A,B,C,D	Total/NA	Solid	EPA 8151A	296408
720-95707-55	11A,B,C,D	Total/NA	Solid	EPA 8151A	296408
720-95707-76	N1	Total/NA	Solid	EPA 8151A	296408
MB 180-296408/1-A	Method Blank	Total/NA	Solid	EPA 8151A	296408
LCS 180-296408/2-A	Lab Control Sample	Total/NA	Solid	EPA 8151A	296408
LCSD 180-296408/3-A	Lab Control Sample Dup	Total/NA	Solid	EPA 8151A	296408

# QC Association Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## LCMS

### Prep Batch: 334873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-10	2A,B,C,D	Total/NA	Solid	SHAKE	
720-95707-45	9A,B,C,D	Total/NA	Solid	SHAKE	
720-95707-55	11A,B,C,D	Total/NA	Solid	SHAKE	
720-95707-76	N1	Total/NA	Solid	SHAKE	
MB 320-334873/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 320-334873/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
720-95707-45 MS	9A,B,C,D	Total/NA	Solid	SHAKE	
720-95707-45 MSD	9A,B,C,D	Total/NA	Solid	SHAKE	

### Analysis Batch: 335178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-10	2A,B,C,D	Total/NA	Solid	6850	334873
720-95707-45	9A,B,C,D	Total/NA	Solid	6850	334873
720-95707-55	11A,B,C,D	Total/NA	Solid	6850	334873
720-95707-76	N1	Total/NA	Solid	6850	334873
MB 320-334873/1-A	Method Blank	Total/NA	Solid	6850	334873
LCS 320-334873/2-A	Lab Control Sample	Total/NA	Solid	6850	334873
720-95707-45 MS	9A,B,C,D	Total/NA	Solid	6850	334873
720-95707-45 MSD	9A,B,C,D	Total/NA	Solid	6850	334873

## Metals

### Prep Batch: 275122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	3010A	
MB 720-275122/1-A	Method Blank	Total/NA	Water	3010A	
LCS 720-275122/2-A	Lab Control Sample	Total/NA	Water	3010A	

### Prep Batch: 275169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-5	1A,B,C,D	Total/NA	Solid	3050B	
720-95707-10	2A,B,C,D	Total/NA	Solid	3050B	
720-95707-15	3A,B,C,D	Total/NA	Solid	3050B	
720-95707-16	4A	Total/NA	Solid	3050B	
720-95707-20	4A,B,C,D	Total/NA	Solid	3050B	
720-95707-25	5A,B,C,D	Total/NA	Solid	3050B	
720-95707-30	6A,B,C,D	Total/NA	Solid	3050B	
720-95707-35	7A,B,C,D	Total/NA	Solid	3050B	
720-95707-40	8A,B,C,D	Total/NA	Solid	3050B	
720-95707-41	9A	Total/NA	Solid	3050B	
720-95707-45	9A,B,C,D	Total/NA	Solid	3050B	
720-95707-50	10A,B,C,D	Total/NA	Solid	3050B	
720-95707-51	11A	Total/NA	Solid	3050B	
720-95707-55	11A,B,C,D	Total/NA	Solid	3050B	
720-95707-60	12A,B,C,D	Total/NA	Solid	3050B	
720-95707-65	13A,B,C,D	Total/NA	Solid	3050B	
720-95707-70	14A,B,C,D	Total/NA	Solid	3050B	
720-95707-71	15A	Total/NA	Solid	3050B	
720-95707-75	15A,B,C,D	Total/NA	Solid	3050B	
720-95707-76	N1	Total/NA	Solid	3050B	
MB 720-275169/1-A	Method Blank	Total/NA	Solid	3050B	

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# QC Association Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Metals (Continued)

### Prep Batch: 275169 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-275169/2-A	Lab Control Sample	Total/NA	Solid	3050B	
720-95707-5 MS	1A,B,C,D	Total/NA	Solid	3050B	
720-95707-5 MSD	1A,B,C,D	Total/NA	Solid	3050B	

### Analysis Batch: 275231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	6010B	275122
MB 720-275122/1-A	Method Blank	Total/NA	Water	6010B	275122
LCS 720-275122/2-A	Lab Control Sample	Total/NA	Water	6010B	275122

### Analysis Batch: 275432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-5	1A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-10	2A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-15	3A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-16	4A	Total/NA	Solid	6010B	275169
720-95707-20	4A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-25	5A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-30	6A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-35	7A,B,C,D	Total/NA	Solid	6010B	275169
MB 720-275169/1-A	Method Blank	Total/NA	Solid	6010B	275169
720-95707-5 MS	1A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-5 MSD	1A,B,C,D	Total/NA	Solid	6010B	275169

### Prep Batch: 275445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-6	2A	Total/NA	Solid	3050B	
720-95707-77	N2	Total/NA	Solid	3050B	
720-95707-78	S1	Total/NA	Solid	3050B	
720-95707-79	S2	Total/NA	Solid	3050B	
MB 720-275445/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 720-275445/2-A	Lab Control Sample	Total/NA	Solid	3050B	

### Analysis Batch: 275542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-275169/2-A	Lab Control Sample	Total/NA	Solid	6010B	275169

### Analysis Batch: 275543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-6	2A	Total/NA	Solid	6010B	275445
720-95707-77	N2	Total/NA	Solid	6010B	275445
720-95707-78	S1	Total/NA	Solid	6010B	275445
720-95707-79	S2	Total/NA	Solid	6010B	275445
MB 720-275445/1-A	Method Blank	Total/NA	Solid	6010B	275445
LCS 720-275445/2-A	Lab Control Sample	Total/NA	Solid	6010B	275445

### Analysis Batch: 275551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-5	1A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-10	2A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-15	3A,B,C,D	Total/NA	Solid	6010B	275169

Eurofins TestAmerica, Pleasanton

# QC Association Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Metals (Continued)

### Analysis Batch: 275551 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-20	4A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-25	5A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-30	6A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-35	7A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-40	8A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-41	9A	Total/NA	Solid	6010B	275169
720-95707-45	9A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-50	10A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-51	11A	Total/NA	Solid	6010B	275169
720-95707-55	11A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-60	12A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-65	13A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-70	14A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-71	15A	Total/NA	Solid	6010B	275169
720-95707-75	15A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-76	N1	Total/NA	Solid	6010B	275169
MB 720-275169/1-A	Method Blank	Total/NA	Solid	6010B	275169
720-95707-5 MS	1A,B,C,D	Total/NA	Solid	6010B	275169
720-95707-5 MSD	1A,B,C,D	Total/NA	Solid	6010B	275169

### Prep Batch: 275607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-5	1A,B,C,D	Total/NA	Solid	7471A	
720-95707-10	2A,B,C,D	Total/NA	Solid	7471A	
720-95707-15	3A,B,C,D	Total/NA	Solid	7471A	
720-95707-20	4A,B,C,D	Total/NA	Solid	7471A	
720-95707-25	5A,B,C,D	Total/NA	Solid	7471A	
720-95707-30	6A,B,C,D	Total/NA	Solid	7471A	
720-95707-35	7A,B,C,D	Total/NA	Solid	7471A	
720-95707-40	8A,B,C,D	Total/NA	Solid	7471A	
720-95707-45	9A,B,C,D	Total/NA	Solid	7471A	
720-95707-50	10A,B,C,D	Total/NA	Solid	7471A	
720-95707-55	11A,B,C,D	Total/NA	Solid	7471A	
720-95707-60	12A,B,C,D	Total/NA	Solid	7471A	
720-95707-65	13A,B,C,D	Total/NA	Solid	7471A	
720-95707-70	14A,B,C,D	Total/NA	Solid	7471A	
720-95707-75	15A,B,C,D	Total/NA	Solid	7471A	
720-95707-76	N1	Total/NA	Solid	7471A	
720-95707-77	N2	Total/NA	Solid	7471A	
720-95707-78	S1	Total/NA	Solid	7471A	
720-95707-79	S2	Total/NA	Solid	7471A	
MB 720-275607/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 720-275607/2-A	Lab Control Sample	Total/NA	Solid	7471A	

### Prep Batch: 275853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	7470A	
MB 720-275853/1-A	Method Blank	Total/NA	Water	7470A	
LCS 720-275853/2-A	Lab Control Sample	Total/NA	Water	7470A	
720-95707-80 MS	RINSATE	Total/NA	Water	7470A	
720-95707-80 MSD	RINSATE	Total/NA	Water	7470A	

# QC Association Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Metals

### Analysis Batch: 275859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-5	1A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-10	2A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-15	3A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-20	4A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-25	5A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-30	6A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-35	7A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-40	8A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-45	9A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-50	10A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-55	11A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-60	12A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-65	13A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-70	14A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-75	15A,B,C,D	Total/NA	Solid	7471A	275607
720-95707-76	N1	Total/NA	Solid	7471A	275607
720-95707-77	N2	Total/NA	Solid	7471A	275607
720-95707-78	S1	Total/NA	Solid	7471A	275607
720-95707-79	S2	Total/NA	Solid	7471A	275607
MB 720-275607/1-A	Method Blank	Total/NA	Solid	7471A	275607
LCS 720-275607/2-A	Lab Control Sample	Total/NA	Solid	7471A	275607

### Analysis Batch: 275870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-95707-80	RINSATE	Total/NA	Water	7470A	275853
MB 720-275853/1-A	Method Blank	Total/NA	Water	7470A	275853
LCS 720-275853/2-A	Lab Control Sample	Total/NA	Water	7470A	275853
720-95707-80 MS	RINSATE	Total/NA	Water	7470A	275853
720-95707-80 MSD	RINSATE	Total/NA	Water	7470A	275853

# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 1A,B,C,D

Lab Sample ID: 720-95707-5

Date Collected: 10/22/19 16:30

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.30 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		5			275602	11/04/19 22:23	LRC	TAL PLS
Total/NA	Prep	3050B			1.11 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:17	MAG	TAL PLS
Total/NA	Prep	3050B			1.11 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 13:47	MAG	TAL PLS
Total/NA	Prep	7471A			0.72 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 12:49	MAG	TAL PLS

## Client Sample ID: 2A

Lab Sample ID: 720-95707-6

Date Collected: 10/22/19 15:30

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.20 g	50 mL	275445	10/31/19 10:46	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275543	11/01/19 13:29	MAG	TAL PLS

## Client Sample ID: 2A,B,C,D

Lab Sample ID: 720-95707-10

Date Collected: 10/22/19 15:30

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.41 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275661	11/05/19 16:14	LRC	TAL PLS
Total/NA	Prep	3541			15.4 g	2.5 mL	296294	10/28/19 13:34	JBC	TAL PIT
Total/NA	Analysis	EPA 8141A		1			296331	10/29/19 15:00	JMO	TAL PIT
Total/NA	Prep	8151A			10.0 g	40.0 mL	296408	10/29/19 09:30	CBY	TAL PIT
Total/NA	Analysis	EPA 8151A		1			296631	10/31/19 10:47	JMO	TAL PIT
Total/NA	Prep	SHAKE			3.05 g	10.00 mL	334873	10/30/19 19:35	HJA	TAL SAC
Total/NA	Analysis	6850		1			335178	10/31/19 20:11	JY1	TAL SAC
Total/NA	Prep	3050B			1.55 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:21	MAG	TAL PLS
Total/NA	Prep	3050B			1.55 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 13:52	MAG	TAL PLS
Total/NA	Prep	7471A			0.72 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 12:51	MAG	TAL PLS

## Client Sample ID: 3A,B,C,D

Lab Sample ID: 720-95707-15

Date Collected: 10/22/19 15:40

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.23 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275661	11/05/19 11:10	LRC	TAL PLS

# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 3A,B,C,D

Lab Sample ID: 720-95707-15

Date Collected: 10/22/19 15:40

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.08 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:26	MAG	TAL PLS
Total/NA	Prep	3050B			1.08 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 13:56	MAG	TAL PLS
Total/NA	Prep	7471A			0.62 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		2			275859	11/07/19 13:54	MAG	TAL PLS

## Client Sample ID: 4A

Lab Sample ID: 720-95707-16

Date Collected: 10/22/19 13:40

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.03 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:31	MAG	TAL PLS

## Client Sample ID: 4A,B,C,D

Lab Sample ID: 720-95707-20

Date Collected: 10/22/19 13:40

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.15 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275661	11/05/19 11:29	LRC	TAL PLS
Total/NA	Prep	3050B			1.57 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:36	MAG	TAL PLS
Total/NA	Prep	3050B			1.57 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:16	MAG	TAL PLS
Total/NA	Prep	7471A			0.70 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:55	MAG	TAL PLS

## Client Sample ID: 5A,B,C,D

Lab Sample ID: 720-95707-25

Date Collected: 10/22/19 15:20

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.15 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275661	11/05/19 11:48	LRC	TAL PLS
Total/NA	Prep	3050B			1.04 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:41	MAG	TAL PLS
Total/NA	Prep	3050B			1.04 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:20	MAG	TAL PLS
Total/NA	Prep	7471A			0.72 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 12:57	MAG	TAL PLS

# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 6A,B,C,D

Date Collected: 10/22/19 13:30

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.75 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275661	11/05/19 12:07	LRC	TAL PLS
Total/NA	Prep	3050B			1.36 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:45	MAG	TAL PLS
Total/NA	Prep	3050B			1.36 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:25	MAG	TAL PLS
Total/NA	Prep	7471A			0.72 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:03	MAG	TAL PLS

## Client Sample ID: 7A,B,C,D

Date Collected: 10/22/19 15:10

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-35

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.62 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275661	11/05/19 12:26	LRC	TAL PLS
Total/NA	Prep	3050B			1.38 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275432	10/31/19 00:50	MAG	TAL PLS
Total/NA	Prep	3050B			1.38 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:30	MAG	TAL PLS
Total/NA	Prep	7471A			0.69 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:05	MAG	TAL PLS

## Client Sample ID: 8A,B,C,D

Date Collected: 10/22/19 15:00

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.55 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275682	11/05/19 23:24	LRC	TAL PLS
Total/NA	Prep	3050B			1.35 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:35	MAG	TAL PLS
Total/NA	Prep	7471A			0.67 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:07	MAG	TAL PLS

## Client Sample ID: 9A

Date Collected: 10/22/19 13:20

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-41

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.40 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:39	MAG	TAL PLS



# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: 9A,B,C,D**

**Lab Sample ID: 720-95707-45**

**Date Collected: 10/22/19 13:20**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.56 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275682	11/05/19 23:42	LRC	TAL PLS
Total/NA	Prep	3541			15.4 g	2.5 mL	296294	10/28/19 13:34	JBC	TAL PIT
Total/NA	Analysis	EPA 8141A		1			296331	10/29/19 15:32	JMO	TAL PIT
Total/NA	Prep	8151A			10.1 g	40.0 mL	296408	10/29/19 09:30	CBY	TAL PIT
Total/NA	Analysis	EPA 8151A		1			296631	10/31/19 11:12	JMO	TAL PIT
Total/NA	Prep	SHAKE			3.08 g	10.00 mL	334873	10/30/19 19:35	HJA	TAL SAC
Total/NA	Analysis	6850		1			335178	10/31/19 20:25	JY1	TAL SAC
Total/NA	Prep	3050B			1.00 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:44	MAG	TAL PLS
Total/NA	Prep	7471A			0.70 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:08	MAG	TAL PLS

**Client Sample ID: 10A,B,C,D**

**Lab Sample ID: 720-95707-50**

**Date Collected: 10/22/19 14:50**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.38 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 18:39	LRC	TAL PLS
Total/NA	Prep	3050B			1.33 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:49	MAG	TAL PLS
Total/NA	Prep	7471A			0.67 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:10	MAG	TAL PLS

**Client Sample ID: 11A**

**Lab Sample ID: 720-95707-51**

**Date Collected: 10/22/19 15:50**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.16 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:54	MAG	TAL PLS

**Client Sample ID: 11A,B,C,D**

**Lab Sample ID: 720-95707-55**

**Date Collected: 10/22/19 15:50**

**Matrix: Solid**

**Date Received: 10/23/19 12:45**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.81 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 18:58	LRC	TAL PLS
Total/NA	Prep	3541			15.3 g	2.5 mL	296294	10/28/19 13:34	JBC	TAL PIT
Total/NA	Analysis	EPA 8141A		1			296331	10/29/19 16:03	JMO	TAL PIT
Total/NA	Prep	8151A			10.0 g	40.0 mL	296408	10/29/19 09:30	CBY	TAL PIT
Total/NA	Analysis	EPA 8151A		1			296631	10/31/19 11:37	JMO	TAL PIT

# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 11A,B,C,D

Lab Sample ID: 720-95707-55

Date Collected: 10/22/19 15:50

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			3.10 g	10.00 mL	334873	10/30/19 19:35	HJA	TAL SAC
Total/NA	Analysis	6850		1			335178	10/31/19 21:05	JY1	TAL SAC
Total/NA	Prep	3050B			1.32 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 14:58	MAG	TAL PLS
Total/NA	Prep	7471A			0.69 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:12	MAG	TAL PLS

## Client Sample ID: 12A,B,C,D

Lab Sample ID: 720-95707-60

Date Collected: 10/22/19 13:10

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.16 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 19:17	LRC	TAL PLS
Total/NA	Prep	3050B			1.00 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 15:13	MAG	TAL PLS
Total/NA	Prep	7471A			0.65 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:14	MAG	TAL PLS

## Client Sample ID: 13A,B,C,D

Lab Sample ID: 720-95707-65

Date Collected: 10/22/19 13:00

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.03 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 19:36	LRC	TAL PLS
Total/NA	Prep	3050B			1.06 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 15:18	MAG	TAL PLS
Total/NA	Prep	7471A			0.67 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:16	MAG	TAL PLS

## Client Sample ID: 14A,B,C,D

Lab Sample ID: 720-95707-70

Date Collected: 10/22/19 14:40

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.11 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 19:55	LRC	TAL PLS
Total/NA	Prep	3050B			1.04 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 15:22	MAG	TAL PLS
Total/NA	Prep	7471A			0.68 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:17	MAG	TAL PLS

# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: 15A

Lab Sample ID: 720-95707-71

Date Collected: 10/22/19 12:45

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.25 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 15:27	MAG	TAL PLS

## Client Sample ID: 15A,B,C,D

Lab Sample ID: 720-95707-75

Date Collected: 10/22/19 12:45

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.83 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 20:14	LRC	TAL PLS
Total/NA	Prep	3050B			1.02 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 15:32	MAG	TAL PLS
Total/NA	Prep	7471A			0.66 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:19	MAG	TAL PLS

## Client Sample ID: N1

Lab Sample ID: 720-95707-76

Date Collected: 10/22/19 11:50

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.32 g	2 mL	275264	10/28/19 14:59	KLM	TAL PLS
Total/NA	Analysis	8015B		1			275435	10/31/19 22:12	JXL	TAL PLS
Total/NA	Prep	3546			15.44 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 20:33	LRC	TAL PLS
Total/NA	Prep	3541			15.1 g	2.5 mL	296294	10/28/19 13:34	JBC	TAL PIT
Total/NA	Analysis	EPA 8141A		1			296331	10/29/19 16:35	JMO	TAL PIT
Total/NA	Prep	8151A			10.1 g	40.0 mL	296408	10/29/19 09:30	CBY	TAL PIT
Total/NA	Analysis	EPA 8151A		1			296631	10/31/19 12:02	JMO	TAL PIT
Total/NA	Prep	SHAKE			3.04 g	10.00 mL	334873	10/30/19 19:35	HJA	TAL SAC
Total/NA	Analysis	6850		1			335178	10/31/19 21:18	JY1	TAL SAC
Total/NA	Prep	3050B			1.25 g	50 mL	275169	10/26/19 11:21	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275551	10/31/19 15:36	MAG	TAL PLS
Total/NA	Prep	7471A			0.66 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:25	MAG	TAL PLS

## Client Sample ID: N2

Lab Sample ID: 720-95707-77

Date Collected: 10/22/19 12:10

Matrix: Solid

Date Received: 10/23/19 12:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.36 g	2 mL	275264	10/28/19 14:59	KLM	TAL PLS
Total/NA	Analysis	8015B		1			275355	10/31/19 01:16	JXL	TAL PLS
Total/NA	Prep	3546			15.75 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 20:52	LRC	TAL PLS

# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Client Sample ID: N2

Date Collected: 10/22/19 12:10

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-77

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.24 g	50 mL	275445	10/31/19 10:46	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275543	11/01/19 13:34	MAG	TAL PLS
Total/NA	Prep	7471A			0.71 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:27	MAG	TAL PLS

## Client Sample ID: S1

Date Collected: 10/22/19 17:00

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-78

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.79 g	2 mL	275264	10/28/19 14:59	KLM	TAL PLS
Total/NA	Analysis	8015B		1			275355	10/31/19 01:45	JXL	TAL PLS
Total/NA	Prep	3546			15.28 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275574	11/02/19 21:11	LRC	TAL PLS
Total/NA	Prep	3050B			1.00 g	50 mL	275445	10/31/19 10:46	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275543	11/01/19 13:39	MAG	TAL PLS
Total/NA	Prep	7471A			0.63 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:28	MAG	TAL PLS

## Client Sample ID: S2

Date Collected: 10/22/19 17:10

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-79

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.78 g	2 mL	275264	10/28/19 14:59	KLM	TAL PLS
Total/NA	Analysis	8015B		1			275355	10/31/19 02:14	JXL	TAL PLS
Total/NA	Prep	3546			15.19 g	5 mL	275275	10/28/19 14:53	KLM	TAL PLS
Total/NA	Analysis	8081A		1			275602	11/04/19 22:04	LRC	TAL PLS
Total/NA	Prep	3050B			1.09 g	50 mL	275445	10/31/19 10:46	JAM	TAL PLS
Total/NA	Analysis	6010B		4			275543	11/01/19 13:44	MAG	TAL PLS
Total/NA	Prep	7471A			0.65 g	50 mL	275607	11/04/19 09:03	MAG	TAL PLS
Total/NA	Analysis	7471A		1			275859	11/07/19 13:30	MAG	TAL PLS

## Client Sample ID: RINSATE

Date Collected: 10/23/19 10:30

Date Received: 10/23/19 12:45

## Lab Sample ID: 720-95707-80

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			845.3 mL	2 mL	275183	10/25/19 16:50	NDU	TAL PLS
Total/NA	Analysis	8015B		1			275226	10/28/19 21:13	JXL	TAL PLS
Total/NA	Prep	3510C			870.1 mL	10 mL	275108	10/24/19 16:51	BRR	TAL PLS
Total/NA	Analysis	8081A		1			275129	10/25/19 11:32	LRC	TAL PLS
Total/NA	Prep	3010A			40 mL	40 mL	275122	10/24/19 17:31	JAM	TAL PLS
Total/NA	Analysis	6010B		1			275231	10/26/19 13:59	MAG	TAL PLS

# Lab Chronicle

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

**Client Sample ID: RINSATE**

**Lab Sample ID: 720-95707-80**

**Date Collected: 10/23/19 10:30**

**Matrix: Water**

**Date Received: 10/23/19 12:45**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			25 mL	50 mL	275853	11/07/19 14:38	MAG	TAL PLS
Total/NA	Analysis	7470A		1			275870	11/07/19 18:09	MAG	TAL PLS

## Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TAL PLS = Eurofins TestAmerica, Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

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# Accreditation/Certification Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

## Laboratory: Eurofins TestAmerica, Pleasanton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State Program	2496	01-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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## Laboratory: Eurofins TestAmerica, Pittsburgh

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State Program	2891	04-30-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
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## Laboratory: Eurofins TestAmerica, Sacramento

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State Program	2897	01-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6850	SHAKE	Solid	Perchlorate

# Method Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

Method	Method Description	Protocol	Laboratory
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS
8081A	Organochlorine Pesticides (GC)	SW846	TAL PLS
EPA 8141A	Organophosphorous Pesticides (GC)	SW846	TAL PIT
EPA 8151A	Herbicides (GC)	SW846	TAL PIT
6850	Perchlorate by LC/MS or LC/MS/MS	EPA	TAL SAC
6010B	Metals (ICP)	SW846	TAL PLS
7470A	Mercury (CVAA)	SW846	TAL PLS
7471A	Mercury (CVAA)	SW846	TAL PLS
3010A	Preparation, Total Metals	SW846	TAL PLS
3050B	Preparation, Metals	SW846	TAL PLS
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL PLS
3541	Automated Soxhlet Extraction	SW846	TAL PIT
3546	Microwave Extraction	SW846	TAL PLS
7470A	Preparation, Mercury	SW846	TAL PLS
7471A	Preparation, Mercury	SW846	TAL PLS
8151A	Extraction (Herbicides)	SW846	TAL PIT
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	TAL SAC

#### Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TAL PLS = Eurofins TestAmerica, Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

TAL SAC = Eurofins TestAmerica, Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

# Sample Summary

Client: ERM-West  
Project/Site: Camino Arroyo

Job ID: 720-95707-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
720-95707-5	1A,B,C,D	Solid	10/22/19 16:30	10/23/19 12:45	
720-95707-6	2A	Solid	10/22/19 15:30	10/23/19 12:45	
720-95707-10	2A,B,C,D	Solid	10/22/19 15:30	10/23/19 12:45	
720-95707-15	3A,B,C,D	Solid	10/22/19 15:40	10/23/19 12:45	
720-95707-16	4A	Solid	10/22/19 13:40	10/23/19 12:45	
720-95707-20	4A,B,C,D	Solid	10/22/19 13:40	10/23/19 12:45	
720-95707-25	5A,B,C,D	Solid	10/22/19 15:20	10/23/19 12:45	
720-95707-30	6A,B,C,D	Solid	10/22/19 13:30	10/23/19 12:45	
720-95707-35	7A,B,C,D	Solid	10/22/19 15:10	10/23/19 12:45	
720-95707-40	8A,B,C,D	Solid	10/22/19 15:00	10/23/19 12:45	
720-95707-41	9A	Solid	10/22/19 13:20	10/23/19 12:45	
720-95707-45	9A,B,C,D	Solid	10/22/19 13:20	10/23/19 12:45	
720-95707-50	10A,B,C,D	Solid	10/22/19 14:50	10/23/19 12:45	
720-95707-51	11A	Solid	10/22/19 15:50	10/23/19 12:45	
720-95707-55	11A,B,C,D	Solid	10/22/19 15:50	10/23/19 12:45	
720-95707-60	12A,B,C,D	Solid	10/22/19 13:10	10/23/19 12:45	
720-95707-65	13A,B,C,D	Solid	10/22/19 13:00	10/23/19 12:45	
720-95707-70	14A,B,C,D	Solid	10/22/19 14:40	10/23/19 12:45	
720-95707-71	15A	Solid	10/22/19 12:45	10/23/19 12:45	
720-95707-75	15A,B,C,D	Solid	10/22/19 12:45	10/23/19 12:45	
720-95707-76	N1	Solid	10/22/19 11:50	10/23/19 12:45	
720-95707-77	N2	Solid	10/22/19 12:10	10/23/19 12:45	
720-95707-78	S1	Solid	10/22/19 17:00	10/23/19 12:45	
720-95707-79	S2	Solid	10/22/19 17:10	10/23/19 12:45	
720-95707-80	RINSATE	Water	10/23/19 10:30	10/23/19 12:45	



720-95707 # 193087

<b>ERM-West, Inc., Walnut Creek, CA</b>	<b>CHAIN OF CUSTODY RECORD</b>		Lab Job #																
<b>PROJECT #</b>	<b>PROJECT NAME:</b>	<b>LOCATION:</b>																	
	Camino Arroyo	Gilroy, CA																	
<b>SAMPLERS NAME: (Print)</b>	Camino Arroyo																		
Ethan Akerman																			
<b>RECEIVING LABORATORY</b>	(Signature)																		
<b>Test America Pleasanton, CA</b>																			
Sample ID	DATE	TIME	SAMPLE TYPE	Total # of Bottles	HCl	NaOH	NHNO3	H2SO4	None	NHNO4	MEOH	Encore	ANALYSIS REQUIRED	TPH-d and TPH-mo	Field Filtered	Sample Type Codes	Comments		
1A, 1B, 1C, 1D	10/22/2019	1630	SO	4					4					X		<input type="checkbox"/>	SO	Composite sample. As from 1A only	
2A, 2B, 2C, 2D	10/22/2019	1530	SO	4					4					X			W	Composite sample. As from 2A only	
3A, 3B, 3C, 3D	10/22/2019	1540	SO	4					4					X			V	Composite sample. As from 3A only	
4A, 4B, 4C, 4D	10/22/2019	1340	SO	4					4					X					
5A, 5B, 5C, 5D	10/22/2019	1520	SO	4					4					X					
6A, 6B, 6C, 6D	10/22/2019	1330	SO	4					4					X					
7A, 7B, 7C, 7D	10/22/2019	1510	SO	4					4					X					
8A, 8B, 8C, 8D	10/22/2019	1500	SO	4					4					X					
9A, 9B, 9C, 9D	10/22/2019	1370	SO	4					4					X					
10A, 10B, 10C, 10D	10/22/2019	1450	SO	4					4					X					
11A, 11B, 11C, 11D	10/22/2019	1530	SO	4					4					X					
12A, 12B, 12C, 12D	10/22/2019	1310	SO	4					4					X					
13A, 13B, 13C, 13D	10/22/2019	1200	SO	4					4					X					
14A, 14B, 14C, 14D	10/22/2019	1440	SO	4					4					X					
15A, 15B, 15C, 15D	10/22/2019	1245	SO	4					4					X					
Relinquished By (Signature):				Received By (Signature):				Relinquished By (Signature):				Received By (Signature):				DATE / TIME	10/23/19 12:45		
Relinquished By (Signature):				Received By (Signature):				Relinquished By (Signature):				Received By (Signature):				DATE / TIME			
Relinquished By (Signature):				Received By (Signature):				Relinquished By (Signature):				Received By (Signature):				DATE / TIME			
Distribution: Original Accompanies Shipment; Copy to Project Manager				Global ID:								REMARKS: Send Report to: Giorgio.Molinario@erm.com; Ethan.Akerman@erm.com							
X Standard (5-day) Turnaround Time    Geotracker EDF Required 24 Hour Turnaround Time                EDD Required Special Turnaround Time                    EDD Format																			

3.2, 5.1, 3.7C



720-95707 # 193027

**ERM-West, Inc., Walnut Creek, CA**  
**PROJECT #**  
**PROJECT NAME:** Camino Arroyo  
**LOCATION:** Gilroy, CA  
**0527032-9-9**  
**SAMPLERS NAME: (Print)** Ehan Akerman  
**RECEIVING LABORATORY**

**Test America Pleasanton, CA**

Sample ID	DATE	TIME	SAMPLE TYPE	Total # of Bottles	Number of Preserved bottles							Comments												
					HCl	NaOH	NHNO3	H2SO4	None	NHNO4	MBOH		Encore											
N1	10/22/2019	11:20	SO	1					1															
N2	10/22/2019	12:10	SO	1					1															
S1	10/22/2019	13:00	SO	1					1															
S2	10/22/2019	17:10	SO	1					1															
rinsate	10/22/2019	10:30	W																					3 LS

**ANALYSIS REQUIRED**

Analysis	Required
CAM 17 Metals	X
8081 Pesticides	X
8151 Herbicides	X
Perchlorate	X
Organophosphorus	X
8141 Pesticide	X
Arsenic	X
TPH-d and TPH-mo	X

**RECEIVING LABORATORY SIGNATURE:** *[Signature]*

**Relinquished By (Signature):** *[Signature]* **DATE / TIME:** 10/22/2019 11:20

**Received By (Signature):** *[Signature]* **DATE / TIME:** 10/22/2019 11:20

**Relinquished By (Signature):** *[Signature]* **DATE / TIME:** 10/22/2019 17:10

**Received By (Signature):** *[Signature]* **DATE / TIME:** 10/22/2019 17:10

**Relinquished By (Signature):** *[Signature]* **DATE / TIME:** 10/22/2019 10:30

**Received By (Signature):** *[Signature]* **DATE / TIME:** 10/22/2019 10:30

**REMARKS:** Destroyed or shipped for return to site for

**Global ID:** \_\_\_\_\_

**Distribution:** Original Accompanies Shipment; Copy to Project Manager

X Standard Turnaround Time \_\_\_\_\_ Geotracker EDF Required

24 Hour Turnaround Time \_\_\_\_\_ EDD Required

Special Turnaround Time \_\_\_\_\_ EDD Format

**ERM-West, Inc.**  
 1277 Treat Blvd., Suite 500  
 Walnut Creek, CA 95833  
 Phone: 925-946-0455  
 Fax: 925-946-9968

3.21 6.1, 3.7C

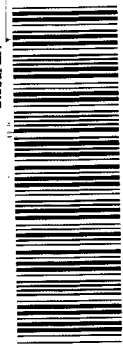


720-95707-REV # 193087

**ERM-West, Inc., Walnut Creek, CA**  
**PROJECT #** \_\_\_\_\_  
**PROJECT NAME:** Camino Arroyo  
**LOCATION:** Gilroy, CA  
**0527092-9-9**  
**SAMPLERS NAME: (Print)** Ethan Akerman  
**RECEIVING LABORATORY:** Test America Pleasanton, CA

Sample ID	DATE	TIME	SAMPLE TYPE	Total # of Bottles	Number of Preserved bottles							CAM 17 Metals	8081Pesticides	8151 Herbicides	Perchlorate	Organophosphorous	8141 Pesticide	Arsenic	TPH-d and TPH-mo	Lab Job #							
					HCl	NaOH	NHNO3	H2SO4	None	NHNO3	MEOH										Encore						
1A, 1B, 1C, 1D	10/22/2019	1630	SO	4			4					X	X	X	X	X	X	X	X								
2A, 2B, 2C, 2D	10/22/2019	1506	SO	4			4					X	X	X	X	X	X	X	X								
3A, 3B, 3C, 3D	10/22/2019	1840	SO	4			4					X	X	X	X	X	X	X	X								
4A, 4B, 4C, 4D	10/22/2019	1340	SO	4			4					X	X	X	X	X	X	X	X								
5A, 5B, 5C, 5D	10/22/2019	1520	SO	4			4					X	X	X	X	X	X	X	X								
6A, 6B, 6C, 6D	10/22/2019	1330	SO	4			4					X	X	X	X	X	X	X	X								
7A, 7B, 7C, 7D	10/22/2019	1510	SO	4			4					X	X	X	X	X	X	X	X								
8A, 8B, 8C, 8D	10/22/2019	1300	SO	4			4					X	X	X	X	X	X	X	X								
9A, 9B, 9C, 9D	10/22/2019	1320	SO	4			4					X	X	X	X	X	X	X	X								
10A, 10B, 10C, 10D	10/22/2019	1450	SO	4			4					X	X	X	X	X	X	X	X								
11A, 11B, 11C, 11D	10/22/2019	1530	SO	4			4					X	X	X	X	X	X	X	X								
12A, 12B, 12C, 12D	10/22/2019	1310	SO	4			4					X	X	X	X	X	X	X	X								
13A, 13B, 13C, 13D	10/22/2019	1200	SO	4			4					X	X	X	X	X	X	X	X								
14A, 14B, 14C, 14D	10/22/2019	1440	SO	4			4					X	X	X	X	X	X	X	X								
15A, 15B, 15C, 15D	10/22/2019	1245	SO	4			4					X	X	X	X	X	X	X	X								
Relinquished By (Signature):				DATE / TIME	10/22/2019	11:00 AM	AFEL	Relinquished By (Signature): A. Fisher													DATE / TIME	10/21/2019	12:45	Received By (Signature):	10/21/2019	Received By (Signature):	
Relinquished By (Signature):				DATE / TIME				Relinquished By (Signature):													DATE / TIME			Received By (Signature):			Received By (Signature):
Relinquished By (Signature):				DATE / TIME				Relinquished By (Signature):													DATE / TIME			Received By (Signature):			Received By (Signature):

**REMARKS:**  
Send Report to: Giorgio.Molinario@erm.com; Ethan.Akerman@erm.com  
**ERM-West, Inc.**  
1277 Treat Blvd., Suite 500  
Walnut Creek, CA 95833  
Phone: 925-946-0455  
Fax: 925-946-9968



Global ID: 720-95707 Chain of Custody

3.2, 1.9, 1, 3.7C



720-95707 # 193027

ERM-West, Inc., Walnut Creek, CA		PROJECT NAME:		LOCATION:		Lab Job #												
PROJECT #		Camino Arroyo		Gilroy, CA														
0527032-9-9		SIGNATURE:																
SAMPLERS NAME: (Print)		Ethan Akerman																
RECEIVING LABORATORY		Test America Pleasanton, CA																
Sample ID	DATE	TIME	SAMPLE TYPE	Total # of Bottles	Number of Preserved bottles							Comments						
					HI	NaOH	NHNO3	H2SO4	None	NHNO4	MROH		Encore					
N1	10/21/2019	11:50	SO	1				1										
N2	10/22/2019	17:00	SO	1				1										
S1	10/22/2019	17:00	SO	1				1										
S2	10/22/2019	17:10	SO	1				1										
rinse	10/22/2019	17:30	W	1														3 Ls

ANALYSIS REQUIRED	DATE / TIME	DATE / TIME
CAM 17 Metals		
8081 Pesticides		
8151 Herbicides		
Perchlorate		
Organophosphorous		
8141 Pesticide		
Asenic		
TPH-d and TPH-mo		

Relinquished By (Signature):	DATE / TIME	Received By (Signature):	DATE / TIME
<i>[Signature]</i>	10/21/19 11:50	<i>[Signature]</i>	
Relinquished By (Signature):	DATE / TIME	Relinquished By (Signature):	DATE / TIME
<i>A. Fisher</i>	10/21/19 17:00	<i>[Signature]</i>	
Relinquished By (Signature):	DATE / TIME	Destroyed or shipped for return to site for (Signature):	DATE / TIME
<i>[Signature]</i>	10/22/19 17:30	<i>[Signature]</i>	

REMARKS: Send Report to

ERM-West, Inc.  
1277 Treat Blvd., Suite 500  
Walnut Creek, CA 95833  
Phone: 925-946-0455  
Fax: 925-946-9968

Global ID: \_\_\_\_\_

Distribution: Original Accompanies Shipment Copy to Project Manager

X Standard Turnaround Time \_\_\_\_\_ Geotracker EDF Required

24 Hour Turnaround Time \_\_\_\_\_ EDD Required

Special Turnaround Time \_\_\_\_\_ EDD Format

3.21 6-1, 3-7C



FedEx Express

# SDR

RT 639 5 A 12:00 0743  
ST 9 10.26

FedEx Saturday delivery

151966 10/04 MWI

ORIGIN ID:LVKA (925) 484-1919  
JOAN MULLEN  
TESTAMERICA LABORATORIES INC  
1220 QUARRY LANE  
PLEASANTON, CA 94566  
UNITED STATES US

SHIP DATE: 25OCT19  
ACTWGT: 21.00 LB MAN  
CAD: 0795504/CAFE3310  
DIMS: 19x14x11 IN  
BILL RECIPIENT

TO **SAMPLE REC**  
**TESTAMERICA-PITTSBURG**  
**301 ALPHA DR**

**PITTSBURGH PA 152382907**

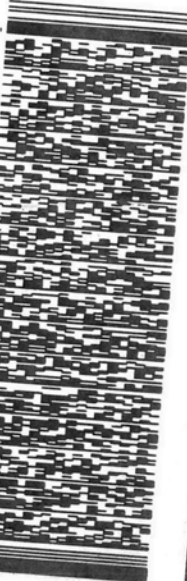
(412) 868-7068  
REF: INVT  
POL

DEPT:



FedEx Express **E**

AP 191219061901



TRK# 1302 3164 0743  
0201

**SATURDAY 12:00P**  
**PRIORITY OVERNIGHT**

## XO AGCA

Uncorrected temp  
Thermometer ID

15238

PA-US

U

3.6

10

CF

Initials

B

PT-WI-SR-001 effective 11/8/18



720-65707  
11/14/18

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

**Eurofins TestAmerica, Pleasanton**  
 1220 Quarry Lane  
 Pleasanton, CA 94566  
 Phone: 925-484-1919 Fax: 925-600-3002

**Chain of Custody Record**

rofins

Environment Testing  
 TestAmerica



Job #: 720-95707-1  
 Page 1 of 1

720-95707 Chain of Custody

Lab Pk: Salimpour, Afsaneh F

E-Mail: afsaneh.salimpour@testamericainc.com

Address: 301 Alpha Drive, RIDC Park, Pittsburgh PA, 15238

Company: TestAmerica Laboratories, Inc. State Program - California

Accreditations Required (See note): State Program - California

Due Date Requested: 11/4/2019

TAT Requested (days):

PO #: 412-963-7058(Tel) 412-963-2468(Fax)

WO #: Project #: 72014803

Site: SSOW#:

Analysis Requested

Preservation Codes: M - Hexane, N - None, O - AsNaO2, P - Na2OAS, Q - Na2SO3, R - Na2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, X - EDTA, Y - EDTA, Z - other (specify)

Other:

Special Instructions/Note:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=water/oil)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	815A/815A_SP Herbicide Method 815A Standard List	8141/3541 8141 Standard List	Total Number of Containers	Special Instructions/Note:
2A,B,C,D (720-95707-10)	10/22/19	15:30 Pacific	Solid		X	X	X	X	1	
9A,B,C,D (720-95707-45)	10/22/19	13:20 Pacific	Solid		X	X	X	X	1	
11A,B,C,D (720-95707-55)	10/22/19	15:50 Pacific	Solid		X	X	X	X	1	
N1 (720-95707-76)	10/22/19	11:50 Pacific	Solid		X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Special Instructions/QC Requirements:

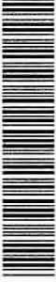
Empty Kit Relinquished by: Date: 10/25/19 16:00

Relinquished by: Date: 10/26/19 9:30

Relinquished by: Date: Company

Custody Seals Intact:  Yes  No

# Chain of Custody Record



<b>Client Information (Sub Contract Lab)</b>		Sampler:	Lab PM:	Carrier Tracking No(s):		COC No:			
Client Contact: Shipping/Receiving		Phone:	Salimpour, Afsaneh F	State of Origin: California		720-43957-1			
Company: TestAmerica Laboratories, Inc.		E-Mail: afsaneh.salimpour@testamericainc.com		Page # Page 1 of 1		Job # 720-95707-1			
Address: 880 Riverside Parkway, City: West Sacramento State, Zip: CA, 95605		Due Date Requested: 11/4/2019	<b>Analysis Requested</b>						
Phone: 916-373-5600(Tel) 916-372-1059(Fax)		TAT Requested (days):	Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:						
Email:		PO #:	M - Hexane N - None O - AsNaO2 P - Na2QHS Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)						
Project Name: Camino Arroyo		WO #:	Total Number of containers						
Site:		Project #: 72014803	Special Instructions/Note:						
		SSOW#:							
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Ch-wastel, BT-Tissue, A-Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6550/Shake_Bath_14D Perchlorate Only	Total Number of containers	Special Instructions/Note:
2A, B, C, D (720-95707-10)	10/22/19	15:30 Pacific	Solid	Solid	X	X		1	
9A, B, C, D (720-95707-45)	10/22/19	13:20 Pacific	Solid	Solid	X	X		1	
11A, B, C, D (720-95707-55)	10/22/19	15:50 Pacific	Solid	Solid	X	X		1	
N1 (720-95707-76)	10/22/19	11:50 Pacific	Solid	Solid	X	X		1	
<p>Note: Since laboratory accreditations are subject to change, TestAmerica Laboratories, Inc. places the ownership of method, analyte &amp; accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis of the matrix being analyzed, the samples must be shipped back to the TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to TestAmerica Laboratories, Inc. attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to TestAmerica Laboratories, Inc.</p>									
<b>Possible Hazard Identification</b>									
<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months <b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b>									
Special Instructions/QC Requirements:									
Deliverable Requested: I, II, III, IV, Other (specify)									
Primary Deliverable Rank: 2									
Empty Kit Relinquished by:									
Date:									
Relinquished by: <i>John Mullen</i>									
Date/Time: 10-25-19 16:05									
Company: <i>PLS</i>									
Relinquished by:									
Date/Time:									
Company:									
Relinquished by:									
Date/Time:									
Company:									
Custody Seals Intact: <i>Yes</i>									
Custody Seal No.: <i>7-4 57 10/24/19</i>									
Cooler Temperature(s) °C and Other Remarks: <i>1.4</i>									



Environment Testing  
TestAmerica

Sacramento  
Sample Receiving Notes



Job: \_\_\_\_\_

Tracking #: 1302 3164 0662

SO (PO) / FO / SAT / 2-Day / Ground / UPS / CDO / Courier  
GSO / OnTrac / Goldstreak / USPS / Other \_\_\_\_\_

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.  
File in the job folder with the COC.

Notes: _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	Therm. ID: <u>HR2</u> Corr. Factor: (+/-) _____ °C
	Ice <input checked="" type="checkbox"/> Wet <input checked="" type="checkbox"/> Gel _____ Other _____
	Cooler Custody Seal: <u>seal</u>
	Cooler ID: <u>4 of 4</u>
	Temp Observed: <u>1.4</u> °C Corrected: <u>1.4</u> °C From: Temp Blank <input checked="" type="checkbox"/> Sample <input type="checkbox"/>
	<b>Opening/Processing The Shipment</b>
	Cooler compromised/tampered with? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
	Cooler Temperature is acceptable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	CoC is complete w/o discrepancies? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Samples received within holding time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Initials: <u>ST</u> Date: <u>10/26/19</u>
	<b>Unpacking/Labeling The Samples</b>
	Samples compromised/tampered with? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
	Sample containers have legible labels? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Sample custody seal? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
	Containers are not broken or leaking? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Sample date/times are provided? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Appropriate containers are used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Sample bottles are completely filled? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
	Sample preservatives verified? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
Samples w/o discrepancies? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Zero headspace?* <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Alkalinity has no headspace? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Perchlorate has headspace? (Methods 314, 331, 6850) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	
Multiphasic samples are not present? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
<b>Non-conformance</b>	
NCM Filed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Initials: <u>ST</u> Date: <u>10/26/19</u>	

\*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

w24A



# Login Sample Receipt Checklist

Client: ERM-West

Job Number: 720-95707-1

**Login Number: 95707**

**List Source: Eurofins TestAmerica, Pleasanton**

**List Number: 1**

**Creator: Mullen, Joan**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



# Login Sample Receipt Checklist

Client: ERM-West

Job Number: 720-95707-1

**Login Number: 95707**  
**List Number: 2**  
**Creator: Say, Thomas C**

**List Source: Eurofins TestAmerica, Pittsburgh**  
**List Creation: 10/26/19 11:06 AM**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## Login Sample Receipt Checklist

Client: ERM-West

Job Number: 720-95707-1

**Login Number: 95707**

**List Number: 3**

**Creator: Thompson, Sarah W**

**List Source: Eurofins TestAmerica, Sacramento**

**List Creation: 10/26/19 12:31 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is <math>\leq</math> background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	Seal present with no number.
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

**Appendix D**  
**Environmental Database**  
**Report**



**SFO069**

CAMINO ARROYO  
GILROY, CA 95020

Inquiry Number: 5800372.2s  
September 23, 2019

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-10
Physical Setting Source Map Findings .....	A-12
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

CAMINO ARROYO  
GILROY, CA 95020

#### COORDINATES

Latitude (North): 37.0158800 - 37° 0' 57.16"  
Longitude (West): 121.5580290 - 121° 33' 28.90"  
Universal Transverse Mercator: Zone 10  
UTM X (Meters): 628281.1  
UTM Y (Meters): 4097402.8  
Elevation: 192 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640386 GILROY, CA  
Version Date: 2012  
  
South Map: 5619808 CHITTENDEN, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140609, 20140613  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 CAMINO ARROYO  
 GILROY, CA 95020

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	DOWDY RANCH	HENRY W COE STATE PA	CA CUPA Listings, CA CERS	Higher	84, 0.016, NW
<a href="#">A2</a>	GILROY BUICK GMC	6600 AUTOMALL PKWY	CA CERS HAZ WASTE, CA CERS TANKS, CA CERS	Higher	87, 0.016, NW
<a href="#">3</a>	WILLIAMS DENTAL LAB	7510 ARROYO CIRCLE	RCRA NonGen / NLR	Lower	188, 0.036, South
<a href="#">B4</a>	SCIENTIFIC GAMES INC	8100 CAMINO ARROYO D	CA CUPA Listings, CA CERS	Higher	191, 0.036, NNW
<a href="#">B5</a>	SCIENTIFIC GAMES INC	8100 CAMINO ARROYO D	RCRA-SQG, CA UST, CA EMI	Higher	191, 0.036, NNW
<a href="#">B6</a>	CHARTER COMMUNICATIO	8120 CAMINO ARROYO	RCRA NonGen / NLR	Higher	193, 0.037, NNW
<a href="#">A7</a>	FULL SPECTRUM MACHIN	8075 CAMINO ARROYO	CA CERS HAZ WASTE	Higher	205, 0.039, NW
<a href="#">A8</a>	FULL SPECTRUM MACHIN	8075 CAMINO ARROYO	RCRA NonGen / NLR	Higher	205, 0.039, NW
<a href="#">C9</a>	VALLEY HEALTH CENTER	7475 CAMINO ARROYO	RCRA NonGen / NLR	Lower	287, 0.054, South
<a href="#">C10</a>	COUNTY OF SANTA CLAR	7475 CAMINO ARROYO	CA CUPA Listings	Lower	287, 0.054, South
<a href="#">C11</a>	COUNTY OF SANTA CLAR	7475 CAMINO ARROYO	CA CERS HAZ WASTE, CA CUPA Listings, CA CERS	Lower	287, 0.054, South
<a href="#">D12</a>	SEE GRINS INC DBA SE	7900 ARROYO CIR	RCRA NonGen / NLR	Higher	326, 0.062, WNW
<a href="#">D13</a>	SEE GRINS RV	7900 ARROYO CIR	CA CERS HAZ WASTE, CA CERS	Higher	326, 0.062, WNW
<a href="#">D14</a>	WAL MART	7900 ARROYO CIR	CA UST	Higher	326, 0.062, WNW
<a href="#">E15</a>	PERMANENTE MEDICAL O	7520 ARROYO CIR	CA CERS HAZ WASTE, CA CERS	Higher	375, 0.071, SSW
<a href="#">E16</a>	KAISER PERMANENTE	7520 ARROYO CR	RCRA-LQG, FINDS, ECHO	Higher	375, 0.071, SSW
<a href="#">17</a>	GILROY HIGH SCHOOL	7810 ARROYO	CA LUST, CA HIST CORTESE	Higher	528, 0.100, West
<a href="#">18</a>	MATTHEWS METAL PRODU	7700 ARROYO CIRCLE	CA CERS HAZ WASTE, CA HAZNET, CA CERS	Higher	536, 0.102, WSW
<a href="#">F19</a>	DUSAN EQUIPMENT CORP	8100 ARROYO CL	CA CUPA Listings	Higher	761, 0.144, NW
<a href="#">F20</a>	AJWA ANALYTICAL LABO	8100 ARROYO CIRCLE	RCRA NonGen / NLR	Higher	761, 0.144, NW
<a href="#">F21</a>	DUSAN EQUIPMENT CORP	8100 ARROYO CIRCLE	RCRA-SQG, FINDS, ECHO, CA HAZNET	Higher	761, 0.144, NW
<a href="#">22</a>	WHEELER HOSPITAL COM	651 6TH	CA LUST, CA HIST LUST, CA HIST CORTESE, CA CERS	Lower	792, 0.150, South
<a href="#">G23</a>	BATH & BODY WORKS #1	8300 ARROYO CIR SPC	CA CERS HAZ WASTE, CA HAZNET, CA CERS	Higher	1088, 0.206, NNW
<a href="#">G24</a>	BATH & BODY WORKS #1	8300 ARROYO CIR SPAC	RCRA NonGen / NLR	Higher	1088, 0.206, NNW
<a href="#">25</a>	SOUTH VALLEY MIDDLE	385 I.O.O.F AVENUE	CA ENVIROSTOR	Higher	1942, 0.368, West
<a href="#">H26</a>	CALIFORNIA HIGHWAY P	740 RENZ LANE	CA LUST, CA CERS HAZ WASTE, CA CERS TANKS, CA EMI,...	Lower	2038, 0.386, South
<a href="#">H27</a>	CHP GILROY/HOLLISTER	740 RENZ LN	CA LUST, CA HIST LUST	Lower	2038, 0.386, South
<a href="#">H28</a>	SOUTH BAY CHEMICAL C	731 RENZ LANE	CA ENVIROSTOR, CA HIST UST, CA EMI, CA CERS	Lower	2142, 0.406, South
<a href="#">H29</a>	SOUTH BAY CHEMICAL C	731 RENZ LANE	CA SWEEPS UST, CA HIST UST, CA FID UST, RCRA...	Lower	2142, 0.406, South
<a href="#">I30</a>	UNION OIL SS #6230	601 LEAVESLEY RD	CA LUST, CA SWEEPS UST, CA HIST UST, CA FID UST,...	Higher	2173, 0.412, NW
<a href="#">I31</a>	UNOCAL	601 LEAVESLEY RD	CA LUST, CA HIST LUST, CA CERS	Higher	2173, 0.412, NW
<a href="#">I32</a>	UNOCAL #6230	601 LEAVESLEY RD	CA LUST, CA HIST LUST, CA HIST UST, CA CUPA...	Higher	2173, 0.412, NW
<a href="#">J33</a>	SOUTH BAY CHEMICAL C	721-731 RENZ LANE	CA ENVIROSTOR	Lower	2301, 0.436, South
<a href="#">J34</a>	HAZCONTROL INC.	731 RENZ LANE	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG, NY...	Lower	2301, 0.436, South
<a href="#">K35</a>	PG&E - MGP - GILROY	MONTEREY/6TH/OLD GIL	CA RESPONSE, CA ENVIROSTOR, CA HIST Cal-Sites	Higher	3267, 0.619, SW
<a href="#">K36</a>	PG AND E GAS PLANT G	SW COR 6TH AND RR ST	EDR MGP	Higher	3335, 0.632, SW



# 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 RCRA generators list***

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

### ***Federal institutional controls / engineering controls registries***

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

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

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

CA SWF/LF..... Solid Waste Information System

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

## EXECUTIVE SUMMARY

CA CPS-SLIC..... Statewide SLIC Cases

### **State and tribal registered storage tank lists**

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

### **State and tribal voluntary cleanup sites**

CA VCP..... Voluntary Cleanup Program Properties  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### **State and tribal Brownfields sites**

CA BROWNFIELDS..... Considered Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

CA WMUDS/SWAT..... Waste Management Unit Database  
CA SWRCY..... Recycler Database  
CA 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  
CA SCH..... School Property Evaluation Program  
CA CDL..... Clandestine Drug Labs  
CA Toxic Pits..... Toxic Pits Cleanup Act Sites  
US CDL..... National Clandestine Laboratory Register  
CA PFAS..... PFAS Contamination Site Location Listing

#### **Local Land Records**

CA LIENS..... Environmental Liens Listing  
LIENS 2..... CERCLA Lien Information  
CA DEED..... Deed Restriction Listing

#### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
CA CHMIRS..... California Hazardous Material Incident Report System  
CA LDS..... Land Disposal Sites Listing  
CA MCS..... Military Cleanup Sites Listing

## EXECUTIVE SUMMARY

CA 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  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
CA BOND EXP. PLAN..... Bond Expenditure Plan  
CA Cortese..... "Cortese" Hazardous Waste & Substances Sites List  
CA DRYCLEANERS..... Cleaner Facilities  
CA ENF..... Enforcement Action Listing  
CA Financial Assurance..... Financial Assurance Information Listing  
CA ICE..... ICE  
CA HWT..... Registered Hazardous Waste Transporter Database  
CA MINES..... Mines Site Location Listing  
CA MWMP..... Medical Waste Management Program Listing  
CA NPDES..... NPDES Permits Listing  
CA PEST LIC..... Pesticide Regulation Licenses Listing  
CA PROC..... Certified Processors Database  
CA Notify 65..... Proposition 65 Records  
CA HAZMAT..... Hazardous Material Facilities  
CA UIC..... UIC Listing  
CA UIC GEO..... UIC GEO (GEOTRACKER)

## EXECUTIVE SUMMARY

CA WASTEWATER PITS.....	Oil Wastewater Pits Listing
CA WDS.....	Waste Discharge System
CA WIP.....	Well Investigation Program Case List
CA MILITARY PRIV SITES...	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT.....	PROJECT (GEOTRACKER)
CA WDR.....	Waste Discharge Requirements Listing
CA CIWQS.....	California Integrated Water Quality System
CA NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS...	PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

CA RGA LF.....	Recovered Government Archive Solid Waste Facilities List
CA RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has

## EXECUTIVE SUMMARY

determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/19/2019 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HAZCONTROL INC.</b> Site ID: 0900266 EPA Id: CAD000628149	<b>731 RENZ LANE</b>	<b>S 1/4 - 1/2 (0.436 mi.)</b>	<b>J34</b>	<b>106</b>

### ***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 03/25/2019 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HAZCONTROL INC.</b> EPA ID:: CAD000628149	<b>731 RENZ LANE</b>	<b>S 1/4 - 1/2 (0.436 mi.)</b>	<b>J34</b>	<b>106</b>

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HAZCONTROL INC.</b> EPA ID:: CAD000628149	<b>731 RENZ LANE</b>	<b>S 1/4 - 1/2 (0.436 mi.)</b>	<b>J34</b>	<b>106</b>

## EXECUTIVE SUMMARY

### ***Federal RCRA generators list***

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>KAISER PERMANENTE</b> EPA ID:: CAD983600388	<b>7520 ARROYO CR</b>	<b>SSW 0 - 1/8 (0.071 mi.)</b>	<b>E16</b>	<b>42</b>

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SCIENTIFIC GAMES INC</b> EPA ID:: CAD981368632	<b>8100 CAMINO ARROYO D</b>	<b>NNW 0 - 1/8 (0.036 mi.)</b>	<b>B5</b>	<b>16</b>
<b>DUSAN EQUIPMENT CORP</b> EPA ID:: CAD981433592	<b>8100 ARROYO CIRCLE</b>	<b>NW 1/8 - 1/4 (0.144 mi.)</b>	<b>F21</b>	<b>52</b>

### ***State- and tribal - equivalent NPL***

CA RESPONSE: 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.

A review of the CA RESPONSE list, as provided by EDR, has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PG&amp;E - MGP - GILROY</b> Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Refer: Local Agency Facility Id: 43490064	<b>MONTEREY/6TH/OLD GIL</b>	<b>SW 1/2 - 1 (0.619 mi.)</b>	<b>K35</b>	<b>135</b>

## EXECUTIVE SUMMARY

### **State- and tribal - equivalent CERCLIS**

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies 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 CA ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there are 4 CA ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTH VALLEY MIDDLE Facility Id: 60002711 Status: Active	385 I.O.O.F AVENUE	W 1/4 - 1/2 (0.368 mi.)	25	66
<b>PG&amp;E - MGP - GILROY</b> Facility Id: 43490064 Status: Refer: Local Agency	<b>MONTEREY/6TH/OLD GIL</b>	<b>SW 1/2 - 1 (0.619 mi.)</b>	<b>K35</b>	<b>135</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTH BAY CHEMICAL C</b> Facility Id: 80001324 Status: Inactive - Needs Evaluation	<b>731 RENZ LANE</b>	<b>S 1/4 - 1/2 (0.406 mi.)</b>	<b>H28</b>	<b>82</b>
SOUTH BAY CHEMICAL C Facility Id: 43490062 Status: Refer: RCRA	721-731 RENZ LANE	S 1/4 - 1/2 (0.436 mi.)	J33	105

### **State and tribal leaking storage tank lists**

CA 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 CA LUST list, as provided by EDR, has revealed that there are 7 CA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GILROY HIGH SCHOOL</b> Database: LUST REG 3, Date of Government Version: 05/19/2003 Status: Preliminary site assessment workplan submitted Global ID: T0608500016	<b>7810 ARROYO</b>	<b>W 0 - 1/8 (0.100 mi.)</b>	<b>17</b>	<b>46</b>
<b>UNION OIL SS #6230</b> Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Database: LUST, Date of Government Version: 06/10/2019	<b>601 LEAVESLEY RD</b>	<b>NW 1/4 - 1/2 (0.412 mi.)</b>	<b>I30</b>	<b>95</b>

## EXECUTIVE SUMMARY

Status: Completed - Case Closed  
 Date Closed: 06/13/1997  
 Date Closed: 07/13/2004  
 Global Id: T0608564185  
 Global Id: T0608533331  
 SCVWD ID: 10S4E31H01F  
 SCVWD ID: 10S4E32H02F

<b>UNOCAL</b>	<b>601 LEAVESLEY RD</b>	<b>NW 1/4 - 1/2 (0.412 mi.)</b>	<b>I31</b>	<b>102</b>
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Status: Case Closed date9: 7/13/2004				

<b>UNOCAL #6230</b>	<b>601 LEAVESLEY RD</b>	<b>NW 1/4 - 1/2 (0.412 mi.)</b>	<b>I32</b>	<b>103</b>
Database: LUST REG 3, Date of Government Version: 05/19/2003 Status: Case Closed Global ID: T0608502206				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WHEELER HOSPITAL COM</b>	<b>651 6TH</b>	<b>S 1/8 - 1/4 (0.150 mi.)</b>	<b>22</b>	<b>56</b>
Database: LUST REG 3, Date of Government Version: 05/19/2003 Database: LUST, Date of Government Version: 06/10/2019 Status: Completed - Case Closed Global Id: T0608500051 Global ID: T0608500051				
<b>CALIFORNIA HIGHWAY P</b>	<b>740 RENZ LANE</b>	<b>S 1/4 - 1/2 (0.386 mi.)</b>	<b>H26</b>	<b>67</b>
Database: LUST SANTA CLARA, Date of Government Version: 03/03/2014 Date Closed: 01/05/1998 SCVWD ID: 11S4E05L01F				
<b>CHP GILROY/HOLLISTER</b>	<b>740 RENZ LN</b>	<b>S 1/4 - 1/2 (0.386 mi.)</b>	<b>H27</b>	<b>81</b>
Database: LUST REG 3, Date of Government Version: 05/19/2003 Global ID: T0608500042				

CA HIST LUST: 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.

A review of the CA HIST LUST list, as provided by EDR, and dated 03/29/2005 has revealed that there are 4 CA HIST LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UNOCAL</b>	<b>601 LEAVESLEY RD</b>	<b>NW 1/4 - 1/2 (0.412 mi.)</b>	<b>I31</b>	<b>102</b>
SCVWD ID: 10S4E32H02				
<b>UNOCAL #6230</b>	<b>601 LEAVESLEY RD</b>	<b>NW 1/4 - 1/2 (0.412 mi.)</b>	<b>I32</b>	<b>103</b>
SCVWD ID: 10S4E31H01				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WHEELER HOSPITAL COM</b>	<b>651 6TH</b>	<b>S 1/8 - 1/4 (0.150 mi.)</b>	<b>22</b>	<b>56</b>
SCVWD ID: 11S4E06L01				
<b>CHP GILROY/HOLLISTER</b>	<b>740 RENZ LN</b>	<b>S 1/4 - 1/2 (0.386 mi.)</b>	<b>H27</b>	<b>81</b>



## EXECUTIVE SUMMARY

SCVWD ID: 11S4E05L01

### ***State and tribal registered storage tank lists***

CA UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the CA UST list, as provided by EDR, has revealed that there are 2 CA UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SCIENTIFIC GAMES INC</b> Database: UST, Date of Government Version: 06/10/2019 Facility Id: 980200	<b>8100 CAMINO ARROYO D</b>	<b>NNW 0 - 1/8 (0.036 mi.)</b>	<b>B5</b>	<b>16</b>
<b>WAL MART</b> Database: UST, Date of Government Version: 06/10/2019 Facility Id: 980242	<b>7900 ARROYO CIR</b>	<b>WNW 0 - 1/8 (0.062 mi.)</b>	<b>D14</b>	<b>38</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Hazardous waste / Contaminated Sites***

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 CA HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PG&amp;E - MGP - GILROY</b>	<b>MONTEREY/6TH/OLD GIL</b>	<b>SW 1/2 - 1 (0.619 mi.)</b>	<b>K35</b>	<b>135</b>

CA 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 CA CERS HAZ WASTE list, as provided by EDR, and dated 08/14/2019 has revealed that there are 7 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GILROY BUICK GMC</b>	<b>6600 AUTOMALL PKWY</b>	<b>NW 0 - 1/8 (0.016 mi.)</b>	<b>A2</b>	<b>11</b>
<b>FULL SPECTRUM MACHIN</b>	<b>8075 CAMINO ARROYO</b>	<b>NW 0 - 1/8 (0.039 mi.)</b>	<b>A7</b>	<b>22</b>
<b>SEE GRINS RV</b>	<b>7900 ARROYO CIR</b>	<b>WNW 0 - 1/8 (0.062 mi.)</b>	<b>D13</b>	<b>33</b>
<b>PERMANENTE MEDICAL O</b>	<b>7520 ARROYO CIR</b>	<b>SSW 0 - 1/8 (0.071 mi.)</b>	<b>E15</b>	<b>39</b>
<b>MATTHEWS METAL PRODU</b>	<b>7700 ARROYO CIRCLE</b>	<b>WSW 0 - 1/8 (0.102 mi.)</b>	<b>18</b>	<b>47</b>
<b>BATH &amp; BODY WORKS #1</b>	<b>8300 ARROYO CIR SPC</b>	<b>NNW 1/8 - 1/4 (0.206 mi.)</b>	<b>G23</b>	<b>62</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COUNTY OF SANTA CLAR</b>	<b>7475 CAMINO ARROYO</b>	<b>S 0 - 1/8 (0.054 mi.)</b>	<b>C11</b>	<b>27</b>

## EXECUTIVE SUMMARY

### **Local Lists of Registered Storage Tanks**

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 08/14/2019 has revealed that there is 1 CA CERS TANKS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GILROY BUICK GMC	6600 AUTOMALL PKWY	NW 0 - 1/8 (0.016 mi.)	A2	11

### **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 03/25/2019 has revealed that there are 7 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHARTER COMMUNICATIO EPA ID:: CAL000400815	8120 CAMINO ARROYO	NNW 0 - 1/8 (0.037 mi.)	B6	20
FULL SPECTRUM MACHIN EPA ID:: CAL000266471	8075 CAMINO ARROYO	NW 0 - 1/8 (0.039 mi.)	A8	25
SEE GRINS INC DBA SE EPA ID:: CAL000387146	7900 ARROYO CIR	WNW 0 - 1/8 (0.062 mi.)	D12	31
AJWA ANALYTICAL LABO EPA ID:: CAL000432788	8100 ARROYO CIRCLE	NW 1/8 - 1/4 (0.144 mi.)	F20	51
BATH & BODY WORKS #1 EPA ID:: CAL000427629	8300 ARROYO CIR SPAC	NNW 1/8 - 1/4 (0.206 mi.)	G24	64

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WILLIAMS DENTAL LAB EPA ID:: CAC002982482	7510 ARROYO CIRCLE	S 0 - 1/8 (0.036 mi.)	3	14
VALLEY HEALTH CENTER EPA ID:: CAL000338583	7475 CAMINO ARROYO	S 0 - 1/8 (0.054 mi.)	C9	26

CA CUPA Listings: 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.

A review of the CA CUPA Listings list, as provided by EDR, has revealed that there are 5 CA CUPA

## EXECUTIVE SUMMARY

Listings sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>DOWDY RANCH</b> Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019	<b>HENRY W COE STATE PA</b>	<b>NW 0 - 1/8 (0.016 mi.)</b>	<b>A1</b>	<b>9</b>
<b>SCIENTIFIC GAMES INC</b> Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019	<b>8100 CAMINO ARROYO D</b>	<b>NNW 0 - 1/8 (0.036 mi.)</b>	<b>B4</b>	<b>15</b>
<b>DUSAN EQUIPMENT CORP</b> Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019	<b>8100 ARROYO CL</b>	<b>NW 1/8 - 1/4 (0.144 mi.)</b>	<b>F19</b>	<b>51</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>COUNTY OF SANTA CLAR</b> Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019	<b>7475 CAMINO ARROYO</b>	<b>S 0 - 1/8 (0.054 mi.)</b>	<b>C10</b>	<b>27</b>
<b>COUNTY OF SANTA CLAR</b> Database: CUPA SANTA CLARA, Date of Government Version: 05/16/2019	<b>7475 CAMINO ARROYO</b>	<b>S 0 - 1/8 (0.054 mi.)</b>	<b>C11</b>	<b>27</b>

CA 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 [CALSTATES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GILROY HIGH SCHOOL</b> Reg Id: 2217	<b>7810 ARROYO</b>	<b>W 0 - 1/8 (0.100 mi.)</b>	<b>17</b>	<b>46</b>
<b>UNION OIL SS #6230</b> Reg Id: 839	<b>601 LEAVESLEY RD</b>	<b>NW 1/4 - 1/2 (0.412 mi.)</b>	<b>I30</b>	<b>95</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>WHEELER HOSPITAL COM</b> Reg Id: 2968	<b>651 6TH</b>	<b>S 1/8 - 1/4 (0.150 mi.)</b>	<b>22</b>	<b>56</b>

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 05/20/2019 has revealed that there is 1 CA HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SOUTH BAY CHEMICAL C</b> EPA Id: CAD000628149 Cleanup Status: CLOSED	<b>731 RENZ LANE</b>	<b>S 1/4 - 1/2 (0.406 mi.)</b>	<b>H29</b>	<b>89</b>

# EXECUTIVE SUMMARY

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PG AND E GAS PLANT G	SW COR 6TH AND RR ST	SW 1/2 - 1 (0.632 mi.)	K36	138

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

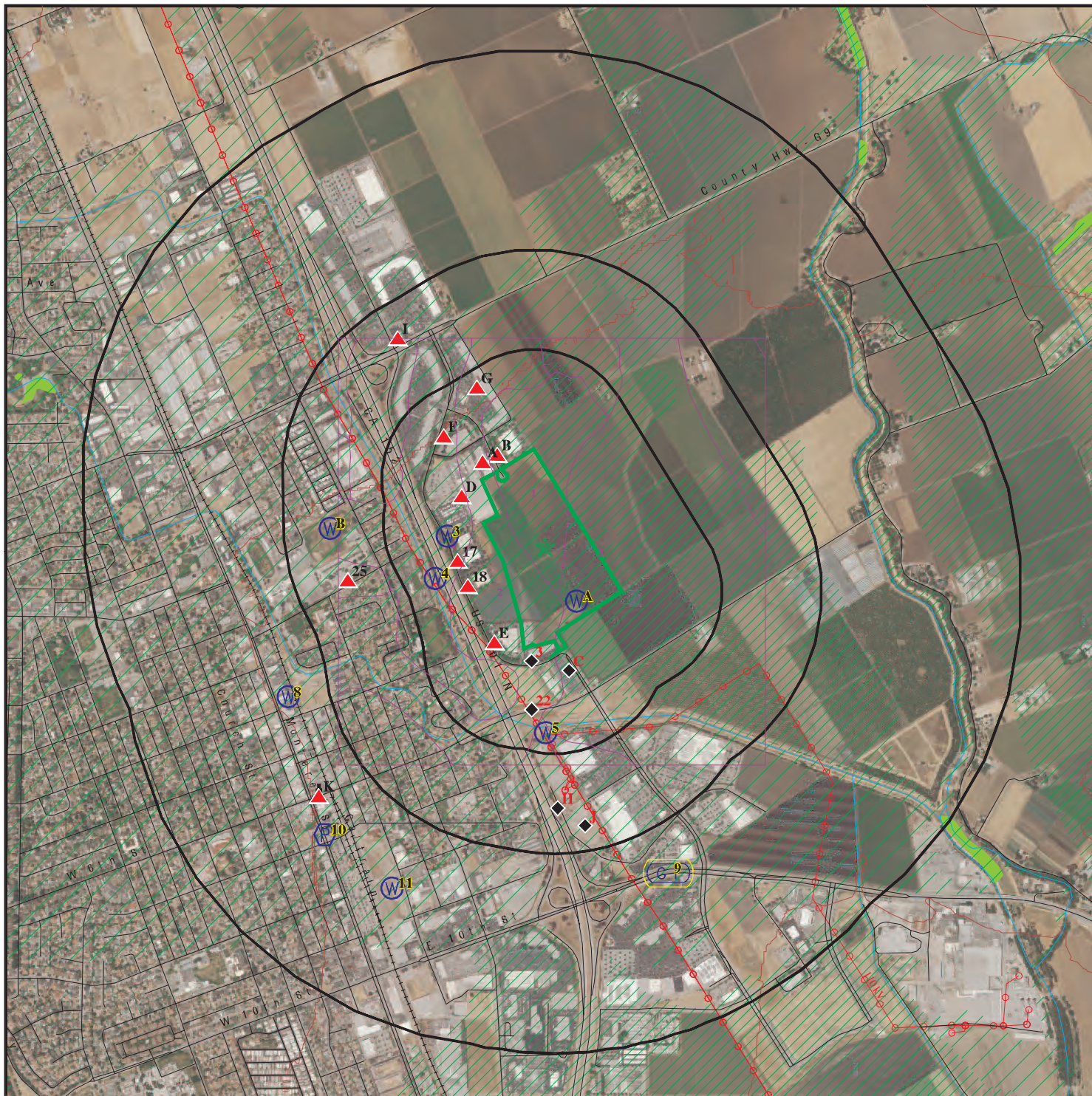
Site Name

PG&E GAS PLANT GILROY


Database(s)


SEMS-ARCHIVE

# OVERVIEW MAP - 5800372.2S



 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

 Areas of Concern

 Power transmission lines

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

 State Wetlands

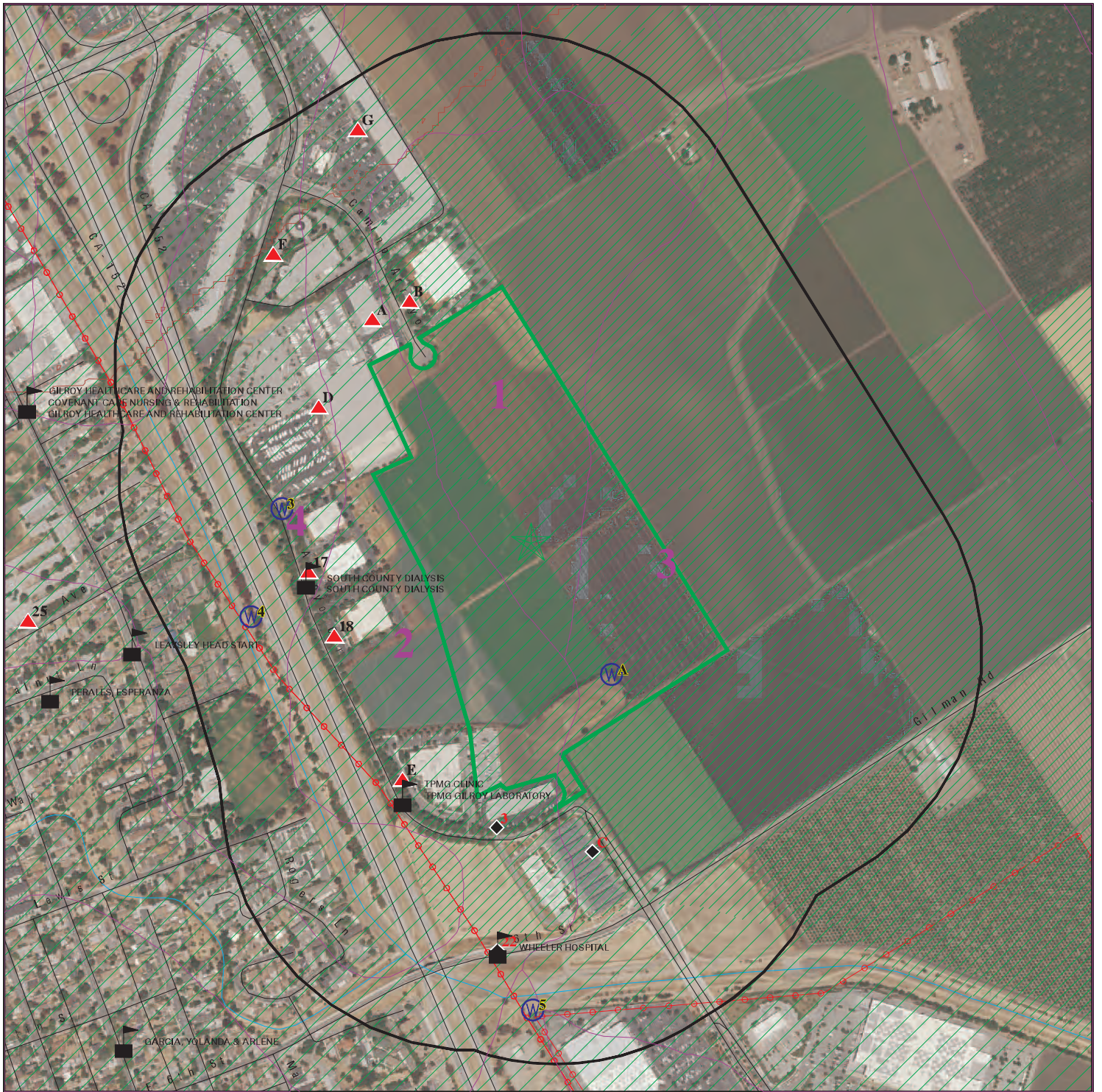









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: SFO069  
 ADDRESS: CAMINO ARROYO  
 GILROY CA 95020  
 LAT/LONG: 37.01588 / 121.558029






CLIENT: ERM - West, Inc.  
 CONTACT: Giorgio Molinaro  
 INQUIRY #: 5800372.2s  
 DATE: September 23, 2019 6:42 pm

# DETAIL MAP - 5800372.2S



-  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.

<p>SITE NAME: SFO069          ADDRESS: CAMINO ARROYO          GILROY CA 95020          LAT/LONG: 37.01588 / 121.558029</p>	<p>CLIENT: ERM - West, Inc.          CONTACT: Giorgio Molinaro          INQUIRY #: 5800372.2s          DATE: September 23, 2019 6:46 pm</p>
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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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	1	0	NR	1
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	1	NR	NR	1
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		1	1	NR	NR	NR	2
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
CA RESPONSE	1.000		0	0	0	1	NR	1
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
CA ENVIROSTOR	1.000		0	0	3	1	NR	4
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
CA SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
CA LUST	0.500		1	1	5	NR	NR	7



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	0	0	NR	NR	0
CA HIST LUST	0.500		0	1	3	NR	NR	4
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		2	0	NR	NR	NR	2
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	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
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	1	NR	1
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CERS HAZ WASTE	0.250		6	1	NR	NR	NR	7
US CDL	TP		NR	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA SWEEPS UST	0.250		0	0	NR	NR	NR	0
CA HIST UST	0.250		0	0	NR	NR	NR	0
CA CERS TANKS	0.250		1	0	NR	NR	NR	1
CA FID UST	0.250		0	0	NR	NR	NR	0
<b>Local Land Records</b>								
CA LIENS	TP		NR	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		5	2	NR	NR	NR	7
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		0	0	0	NR	NR	0
CA CUPA Listings	0.250		4	1	NR	NR	NR	5



## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**  
**NW**  
**< 1/8**  
**0.016 mi.**  
**84 ft.**

**DOWDY RANCH**  
**HENRY W COE STATE PARK**  
**GILROY, CA 95020**

**CA CUPA Listings** **S117892358**  
**CA CERS** **N/A**

**Site 1 of 4 in cluster A**

**Relative:**  
**Higher**  
**Actual:**  
**197 ft.**

**CUPA SANTA CLARA:**  
Name: DOWDY RANCH  
Address: HENRY W COE STATE PARK  
City,State,Zip: GILROY, CA 95020  
Region: SANTA CLARA  
PE#: 2502  
Program Description: HAZMAT STORAGE FACILITY-MINIMAL STORAGE SITE  
Latitude: 37.004385  
Longitude: -121.571669  
Record ID: PR0383541  
Facility ID: FA0261548

**CERS:**  
Name: DOWDY RANCH  
Address: HENRY W COE STATE PARK  
City,State,Zip: GILROY, CA 95020  
Site ID: 391734  
CERS ID: 10615438  
CERS Description: Chemical Storage Facilities

**Evaluation:**  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-12-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: On-site to conduct a hazardous materials business plan (HMBP) inspection. Facility handles the following hazardous material at or above HMBP thresholds: Propane - 1 x 500 gallon aboveground storage tank Per Health & Safety Code 25507(b)(6), propane handled at quantities of 500 gallons or less for the purposes of heating employee work areas are exempt from HMBP reporting requirements. HMBP permit will be inactivated by our agency. Contact the County of Santa Clara Department of Environmental Health at (408) 918-3400 if quantity of Propane increases, or if additional hazardous materials will be handled on-site.  
Eval Division: Santa Clara County Environmental Health  
Eval Program: HMRRP  
Eval Source: CERS

**Affiliation:**  
Affiliation Type Desc: Legal Owner  
Entity Name: California Dept of Parks and Rec  
Entity Title: Not reported  
Affiliation Address: 2211 Garden Road  
Affiliation City: Monterey  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 93940  
Affiliation Phone: (831) 649-2836  
  
Affiliation Type Desc: Document Preparer  
Entity Name: Randy Neufeld  
Entity Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOWDY RANCH (Continued)**

**S117892358**

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:	P.O. Box 787
Affiliation City:	San Juan Bautista
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95045
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	California Dept of Parks and Rec
Entity Title:	Not reported
Affiliation Address:	2211 Garden Road
Affiliation City:	Monterey
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93940
Affiliation Phone:	(831) 649-2836
Affiliation Type Desc:	Operator
Entity Name:	Randy Neufeld
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:	(831) 623-1655
Affiliation Type Desc:	CUPA District
Entity Name:	Santa Clara County Environmental Health
Entity Title:	Not reported
Affiliation Address:	1555 Berger Drive, Suite 300
Affiliation City:	San Jose
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95112-2716
Affiliation Phone:	(408) 918-3400
Affiliation Type Desc:	Environmental Contact
Entity Name:	Susan Ferry
Entity Title:	Not reported
Affiliation Address:	2211 Garden Road
Affiliation City:	Monterey
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93940
Affiliation Phone:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DOWDY RANCH (Continued)**

**S117892358**

Affiliation Type Desc: Identification Signer  
Entity Name: Randy Neufeld  
Entity Title: Park Maintenance Chief I  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Henry Coe State Park-Dowdy Ranch  
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

**A2  
NW  
< 1/8  
0.016 mi.  
87 ft.**

**GILROY BUICK GMC  
6600 AUTOMALL PKWY  
GILROY, CA 95020  
Site 2 of 4 in cluster A**

**CA CERS HAZ WASTE  
CA CERS TANKS  
CA CERS**

**S121780229  
N/A**

**Relative:  
Higher  
Actual:  
197 ft.**

**CERS HAZ WASTE:**  
Name: GILROY BUICK GMC  
Address: 6600 AUTOMALL PKWY  
City,State,Zip: GILROY, CA 95020  
Site ID: 419298  
CERS ID: 10728925  
CERS Description: Hazardous Waste Generator

**CERS TANKS:**  
Name: GILROY BUICK GMC  
Address: 6600 AUTOMALL PKWY  
City,State,Zip: GILROY, CA 95020  
Site ID: 419298  
CERS ID: 10728925  
CERS Description: Aboveground Petroleum Storage

**CERS:**  
Name: GILROY BUICK GMC  
Address: 6600 AUTOMALL PKWY  
City,State,Zip: GILROY, CA 95020  
Site ID: 419298  
CERS ID: 10728925  
CERS Description: Chemical Storage Facilities

**Evaluation:**  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-08-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GILROY BUICK GMC (Continued)**

**S121780229**

Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-08-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Affiliation:

Affiliation Type Desc: CUPA District  
Entity Name: Gilroy City Fire Department  
Entity Title: Not reported  
Affiliation Address: 7351 Rosanna Street  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020-6141  
Affiliation Phone: (408) 846-0400

Affiliation Type Desc: Environmental Contact  
Entity Name: Toby Lay  
Entity Title: Not reported  
Affiliation Address: 4200 John Monego Court  
Affiliation City: Dublin  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94568  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Gilroy Buick GMC  
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: (925) 479-3552

Affiliation Type Desc: Identification Signer  
Entity Name: ART SILVA  
Entity Title: SERVICE MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: CA Car Group  
Entity Title: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GILROY BUICK GMC (Continued)**

**S121780229**

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: 6600 Automall Pkwy  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Inder Dosanjh  
Entity Title: Not reported  
Affiliation Address: 4200 John Monego Court  
Affiliation City: Dublin  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94568  
Affiliation Phone: (925) 479-3552

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

Affiliation Type Desc: Legal Owner  
Entity Name: Inder Dosanjh  
Entity Title: Not reported  
Affiliation Address: 4200 John Monego Court  
Affiliation City: Dublin  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94568  
Affiliation Phone: (925) 876-7493

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

3  
South  
< 1/8  
0.036 mi.  
188 ft.

**WILLIAMS DENTAL LAB**  
**7510 ARROYO CIRCLE**  
**GILROY, CA 95020**

RCRA NonGen / NLR  
1024762620  
CAC002982482

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**191 ft.**

Date form received by agency: 09/27/2018  
Facility name: WILLIAMS DENTAL LAB  
Facility address: 7510 ARROYO CIRCLE  
GILROY, CA 95020  
EPA ID: CAC002982482  
Contact: AHMAND SMITH  
Contact address: 7510 ARROYO CIRCLE  
GILROY, CA 95020  
Contact country: Not reported  
Contact telephone: 408-842-6269  
Contact email: JASMIN@HAYWARDENVIRONMENTAL.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: AHMAND WINEGAR  
Owner/operator address: 7510 ARROYO CIRCLE  
GILROY, CA 95020

Owner/operator country: Not reported  
Owner/operator telephone: 408-842-6269  
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: AHMAND SMITH  
Owner/operator address: 7510 ARROYO CIRCLE  
GILROY, CA 95020

Owner/operator country: Not reported  
Owner/operator telephone: 408-842-6269  
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: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILLIAMS DENTAL LAB (Continued)**

**1024762620**

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

**B4  
NNW  
< 1/8  
0.036 mi.  
191 ft.**

**SCIENTIFIC GAMES INC  
8100 CAMINO ARROYO DRIVE  
GILROY, CA 95020  
Site 1 of 3 in cluster B**

**CA CUPA Listings S121468531  
CA CERS N/A**

**Relative:  
Higher  
Actual:  
197 ft.**

CUPA SANTA CLARA:  
Name: SCIENTIFIC GAMES INC  
Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 95020  
Region: SANTA CLARA  
PE#: 2207  
Program Description: GENERATES 25 TO <50 TONS/YR  
Latitude: 37.018991  
Longitude: -121.560115  
Record ID: PR0313111  
Facility ID: FA0201370

CERS:  
Name: SCIENTIFIC GAMES INC  
Address: 8100 CAMINO ARROYO DRIVE  
City,State,Zip: GILROY, CA 95020-7304  
Site ID: 493030  
CERS ID: 110000484057  
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:  
Affiliation Type Desc: Public Contact  
Entity Name: BEVERLY HUGHES  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**B5**  
**NNW**  
**< 1/8**  
**0.036 mi.**  
**191 ft.**

**SCIENTIFIC GAMES INC**  
**8100 CAMINO ARROYO DRIVE**  
**GILROY, CA 95020**

**RCRA-SQG** **1000208801**  
**CA UST** **CAD981368632**  
**CA EMI**

**Site 2 of 3 in cluster B**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**197 ft.**

Date form received by agency: 10/12/2000  
Facility name: SCIENTIFIC GAMES INC  
Site name: SCIENTIFIC GAMES INC.  
Facility address: 8100 CAMINO ARROYO DRIVE  
GILROY, CA 95020  
EPA ID: CAD981368632  
Contact: GEORGE JOHNSON  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: 408-846-0100  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
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

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: 03/04/1999  
Site name: SCIENTIFIC GAMES, INC  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: SCIENTIFIC GAMES INC  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: SCIENTIFIC GAMES INC  
Classification: Small Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SCIENTIFIC GAMES INC (Continued)**

**1000208801**

Date form received by agency: 02/02/1996  
Site name: SCIENTIFIC GAMES, INC.  
Classification: Large Quantity Generator

Date form received by agency: 03/29/1994  
Site name: SCIENTIFIC GAMES, INC.  
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992  
Site name: SCIENTIFIC GAMES INC  
Classification: Large Quantity Generator

Date form received by agency: 10/03/1991  
Site name: SCIENTIFIC GAMES INC  
Classification: Large Quantity Generator

Date form received by agency: 12/28/1990  
Site name: SCIENTIFIC GAMES INC  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 06/07/1995  
Date achieved compliance: 06/07/2000  
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: 06/07/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 06/07/2000  
Evaluation lead agency: State Contractor/Grantee

UST:

Name: SCIENTIFIC GAMES, INC.  
Address: 8100 CAMINO ARROYO  
City, State, Zip: GILROY, CA 95020  
Facility ID: 980200  
Permitting Agency: GILROY, CITY OF  
Latitude: 37.0211316  
Longitude: -121.557873

EMI:

Name: SCIENTIFIC GAMES  
Address: 8100 CAMINO ARROYO DR  
City, State, Zip: GILROY, CA 950200000  
Year: 1987

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SCIENTIFIC GAMES INC (Continued)**

**1000208801**

County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 2754  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 36  
Reactive Organic Gases Tons/Yr: 36  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 5  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SCIENTIFIC GAMES  
Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 950200000  
Year: 1990  
County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 2754  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 19  
Reactive Organic Gases Tons/Yr: 19  
Carbon Monoxide Emissions Tons/Yr: 2  
NOX - Oxides of Nitrogen Tons/Yr: 6  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SCIENTIFIC GAMES, INC  
Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 950200000  
Year: 1995  
County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 2754  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 29  
Reactive Organic Gases Tons/Yr: 29  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SCIENTIFIC GAMES, INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SCIENTIFIC GAMES INC (Continued)**

**1000208801**

Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 950200000  
Year: 1996  
County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 2754  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 19  
Reactive Organic Gases Tons/Yr: 19  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SCIENTIFIC GAMES, INC  
Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 950200000  
Year: 1997  
County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 2754  
Air District Name: BAY AREA 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: 15  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: SCIENTIFIC GAMES, INC  
Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 950200000  
Year: 1998  
County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 2754  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 17  
Reactive Organic Gases Tons/Yr: 17  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SCIENTIFIC GAMES INC (Continued)**

**1000208801**

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SCIENTIFIC GAMES, INC  
Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 950200000  
Year: 1999  
County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 7331  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 17  
Reactive Organic Gases Tons/Yr: 17  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: SCIENTIFIC GAMES, INC  
Address: 8100 CAMINO ARROYO DR  
City,State,Zip: GILROY, CA 950200000  
Year: 2000  
County Code: 43  
Air Basin: SF  
Facility ID: 1694  
Air District Name: BA  
SIC Code: 7331  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 17  
Reactive Organic Gases Tons/Yr: 17  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

**B6  
NNW  
< 1/8  
0.037 mi.  
193 ft.**

**CHARTER COMMUNICATIONS - GILROY  
8120 CAMINO ARROYO  
GILROY, CA 95020**

**RCRA NonGen / NLR 1024846590  
CAL000400815**

**Site 3 of 3 in cluster B**

**Relative:  
Higher**

RCRA NonGen / NLR:

Date form received by agency:09/29/2014

**Actual:  
197 ft.**

Facility name: CHARTER COMMUNICATIONS - GILROY  
Facility address: 8120 CAMINO ARROYO  
GILROY, CA 95020  
EPA ID: CAL000400815  
Mailing address: 6399 S FIDDLERS GREEN CIR STE 600  
GREENWOOD VILLAGE, CO 80111  
Contact: NICOLAS JOHNSON  
Contact address: 10450 PACIFIC CENTER COURT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARTER COMMUNICATIONS - GILROY (Continued)**

**1024846590**

Contact country: SAN DIEGO, CA 92121  
Contact telephone: Not reported  
Contact email: 858-309-8533  
EPA Region: NICOLAS.JOHNSON@CHARTER.COM  
Classification: 09  
Description: Non-Generator  
Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: CCO SOCIAL I LLC  
Owner/operator address: 6399 S FIDDLERS GREEN CIR STE 600 ATT: KEVIN MCDEVITT  
GREENWOOD VILLAGE, CO 80111

Owner/operator country: Not reported  
Owner/operator telephone: 303-323-6027  
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: NICOLAS JOHNSON  
Owner/operator address: 10450 PACIFIC CENTER COURT  
SAN DIEGO, CA 92121

Owner/operator country: Not reported  
Owner/operator telephone: 858-309-8533  
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  
Used 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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A7**  
**NW**  
**< 1/8**  
**0.039 mi.**  
**205 ft.**

**FULL SPECTRUM MACHINING, INC.**  
**8075 CAMINO ARROYO**  
**GILROY, CA 95020**

**CA CERS HAZ WASTE**

**S121740316**  
**N/A**

**Site 3 of 4 in cluster A**

**Relative:**  
**Higher**  
**Actual:**  
**198 ft.**

**CERS HAZ WASTE:**

Name: FULL SPECTRUM MACHINING, INC.  
 Address: 8075 CAMINO ARROYO  
 City,State,Zip: GILROY, CA 95020  
 Site ID: 118329  
 CERS ID: 10444009  
 CERS Description: Hazardous Waste Generator

Violations:

Site ID: 118329  
 Site Name: Full Spectrum Machining, Inc.  
 Violation Date: 02-27-2017  
 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 05/20/2019. Oily water container did not have proper labeling including accumulation start date.  
 Violation Division: Gilroy City Fire Department  
 Violation Program: HW  
 Violation Source: CERS

Site ID: 118329  
 Site Name: Full Spectrum Machining, Inc.  
 Violation Date: 02-27-2017  
 Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173  
 Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.  
 Violation Notes: Returned to compliance on 05/20/2019. Oily water waste container did not have a lid. Provide a proper lid and keep container closed when not adding or removing waste.  
 Violation Division: Gilroy City Fire Department  
 Violation Program: HW  
 Violation Source: CERS

Site ID: 118329  
 Site Name: Full Spectrum Machining, Inc.  
 Violation Date: 02-27-2017  
 Citation: 40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32  
 Violation Description: Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance ) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL SPECTRUM MACHINING, INC. (Continued)**

**S121740316**

Violation Notes: fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.  
Returned to compliance on 05/20/2019. One fire extinguisher was not serviced in the past year and one had been discharged and not yet serviced to return it to full functionality. Have the extinguishers serviced and ensure they are properly serviced annually and as soon as possible after any use.

Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-27-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Machine shop facility. Generating oily water from tools.  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Coordinates:  
Site ID: 118329  
Facility Name: Full Spectrum Machining, Inc.  
Env Int Type Code: HWG  
Program ID: 10444009  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 37.019040  
Longitude: -121.560850

Affiliation:  
Affiliation Type Desc: Parent Corporation  
Entity Name: Full Spectrum Machining, Inc.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Micheal Nelson  
Entity Title: Not reported  
Affiliation Address: 8075 Camino Arroyo  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: melonie gonzalez

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL SPECTRUM MACHINING, INC. (Continued)**

**S121740316**

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: CUPA District  
Entity Name: Gilroy City Fire Department  
Entity Title: Not reported  
Affiliation Address: 7351 Rosanna Street  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020-6141  
Affiliation Phone: (408) 846-0400

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 8075 Camino Arroyo  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer  
Entity Name: melonie gonzalez  
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: Micheal Nelson  
Entity Title: Not reported  
Affiliation Address: 8075 Camino Arroyo  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95020  
Affiliation Phone: (408) 842-2280

Affiliation Type Desc: Operator  
Entity Name: Full Spectrum Machining, 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: (408) 842-2280

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A8  
NW  
< 1/8  
0.039 mi.  
205 ft.

**FULL SPECTRUM MACHINING INC**  
**8075 CAMINO ARROYO**  
**GILROY, CA 95020**

RCRA NonGen / NLR  
1024805971  
CAL000266471

**Site 4 of 4 in cluster A**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**198 ft.**

Date form received by agency: 02/18/2003  
Facility name: FULL SPECTRUM MACHINING INC  
Facility address: 8075 CAMINO ARROYO  
GILROY, CA 95020  
EPA ID: CAL000266471  
Contact: JUDY NELSON  
Contact address: 8075 CAMINO ARROYO  
GILROY, CA 95020  
Contact country: Not reported  
Contact telephone: 408-842-2280  
Contact email: JUDYNELSON\_99@HOTMAIL.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: JUDY NELSON  
Owner/operator address: 8075 CAMINO ARROYO  
GILROY, CA 95020  
Owner/operator country: Not reported  
Owner/operator telephone: 408-842-2280  
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  
  
Owner/operator name: MICHAEL & JUDY NELSON  
Owner/operator address: 8075 CAMINO ARROYO  
GILROY, CA 95020  
Owner/operator country: Not reported  
Owner/operator telephone: 408-842-2280  
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

**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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FULL SPECTRUM MACHINING INC (Continued)**

**1024805971**

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

**C9**  
**South**  
**< 1/8**  
**0.054 mi.**  
**287 ft.**

**VALLEY HEALTH CENTER GILROY**  
**7475 CAMINO ARROYO**  
**GILROY, CA 95020**

**RCRA NonGen / NLR**

**1024821824**  
**CAL000338583**

**Site 1 of 3 in cluster C**

**Relative:**  
**Lower**

RCRA NonGen / NLR:

**Actual:**  
**190 ft.**

Date form received by agency: 12/05/2008  
Facility name: VALLEY HEALTH CENTER GILROY  
Facility address: 7475 CAMINO ARROYO  
GILROY, CA 95020  
EPA ID: CAL000338583  
Mailing address: 751 S BASCOM AVE  
SAN JOSE, CA 95128-0000  
Contact: KEVIN DO  
Contact address: 751 S BASCOM AVE  
SAN JOSE, CA 95128  
Contact country: Not reported  
Contact telephone: 408-885-3286  
Contact email: KEVIN.DO@HHS.SCCGOV.ORG  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: KEVIN DO  
Owner/operator address: 751 S BASCOM AVE  
SAN JOSE, CA 95128  
Owner/operator country: Not reported  
Owner/operator telephone: 408-885-3286  
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

Owner/operator name: COUNTY OF SANTA CLARA  
Owner/operator address: 70 W HEDDING ST  
SAN JOSE, CA 95110  
Owner/operator country: Not reported  
Owner/operator telephone: 408-299-4321  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VALLEY HEALTH CENTER GILROY (Continued)**

**1024821824**

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  
Used 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

**C10**  
South  
< 1/8  
0.054 mi.  
287 ft.

**COUNTY OF SANTA CLARA FAF VALLEY HEALTH CENTER @ G**  
**7475 CAMINO ARROYO**  
**GILROY, CA 95020**

**CA CUPA Listings S118585094**  
**N/A**

**Site 2 of 3 in cluster C**

**Relative:**  
**Lower**  
**Actual:**  
**190 ft.**

CUPA SANTA CLARA:  
Name: COUNTY OF SANTA CLARA FAF VALLEY HEALTH CENTER @ GILROY  
Address: 7475 CAMINO ARROYO  
City,State,Zip: GILROY, CA 95020  
Region: SANTA CLARA  
PE#: Not reported  
Program Description: HAZMAT STORAGE & HMBP FACILITY, 1-3 CHEMICALS  
Latitude: 37.00918  
Longitude: -121.554849  
Record ID: PR0383422  
Facility ID: FA0261469

**C11**  
South  
< 1/8  
0.054 mi.  
287 ft.

**COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @**  
**7475 CAMINO ARROYO**  
**GILROY, CA 95020**

**CA CERS HAZ WASTE S118585104**  
**CA CUPA Listings N/A**  
**CA CERS**

**Site 3 of 3 in cluster C**

**Relative:**  
**Lower**  
**Actual:**  
**190 ft.**

CERS HAZ WASTE:  
Name: COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY  
Address: 7475 CAMINO ARROYO  
City,State,Zip: GILROY, CA 95020  
Site ID: 436892  
CERS ID: 10761505  
CERS Description: Hazardous Waste Generator

CUPA SANTA CLARA:  
Name: COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY (Continued)

S118585104

Address: 7475 CAMINO ARROYO  
City,State,Zip: GILROY, CA 95020  
Region: SANTA CLARA  
PE#: 2240  
Program Description: GENERATES < 10 GAL/YR  
Latitude: 37.00918  
Longitude: -121.554849  
Record ID: PR0431154  
Facility ID: FA0262932

Name: COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY  
Address: 7475 CAMINO ARROYO  
City,State,Zip: GILROY, CA 95020  
Region: SANTA CLARA  
PE#: 2502  
Program Description: HAZMAT STORAGE FACILITY-MINIMAL STORAGE SITE  
Latitude: 37.00918  
Longitude: -121.554849  
Record ID: PR0387232  
Facility ID: FA0262932

CERS:

Name: COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY  
Address: 7475 CAMINO ARROYO  
City,State,Zip: GILROY, CA 95020  
Site ID: 436892  
CERS ID: 10761505  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 436892  
Site Name: COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY  
Violation Date: 01-24-2018  
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11  
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.  
Violation Notes: Returned to compliance on 02/22/2018. Did not observe any empty warfarin containers in bottle bucket or any single pills in the pharmaceutical collection bin, but according to statements, these are the points of disposal for each item. IMPLEMENT A PROGRAM FOR THE COLLECTION OF UNUSABLE RCRA REGULATED WASTES, ESPECIALLY WARFARIN. DETERMINE IF EMPTY WARFARIN BOTTLES ARE HAZARDOUS OR NOT, OR BEGIN MANAGING THEM AS HAZARDOUS WASTE. Site was noted having insulin, and staff indicated that "non-VFC" insulins may contain preservatives. DETERMINE IF INSULINS IN USE CONTAIN ANY M-CRESOL PRESERVATIVES, AND IF SO, DETERMINE IF THE AMOUNT OF PHENOL IN RESIDUAL SOLUTIONS WOULD CAUSE IT TO BE SUBJECT TO REGULATION. Trophon SDS sheet states that solution has pH between 1 and 4. Determine if cartridge bottles have any residual (pourable) quantities of liquid, and if so, if the liquid is subject to regulation.  
Violation Division: Santa Clara County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 436892  
Site Name: COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY (Continued)

S118585104

Violation Date: 01-24-2018  
Citation: Un-Specified  
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance  
Violation Notes: Site does not currently have a HW permit.  
Violation Division: Santa Clara County Environmental Health  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-24-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: (Gilroy) No CERS ID Facility is a Valley Medical Center affiliated health clinic. Site has general medicine, ob/gyn, pediatrics and dental services, as well as an onsite "blood lab" and pharmacy. Site has less than HMBP reportable quantities of oxygen, propane, isopropyl alcohol, hydrogen peroxide, tropon solution, bleach, latex paint, gasoline, various aerosol products, potassium hydroxide, and formalin as well as waste pharmaceuticals. Oxygen and nitrogen 1x7 l dewar liquid nitrogen) both below 25507(a)(5)(B) quantities required for medical use reporting (1000 ft3). no centralized house gas system.  
Eval Division: Santa Clara County Environmental Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-24-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: ID number CAL000338583, active on date of inspection. No manifests or documented shipment of waste from this location. Surfaces are generally wiped disinfected with pre-wetted commercial wipes with alkyl benzene solution. Using Trophon HL cleaner for disinfection of vaginal probes. Solution is peroxide based, consumed in process with filter on back end to adsorb any emissions. Tools are "pre cleaned" and packaged for transport and cleaning at hospital autoclave. Blood lab is for draw and collection. No onsite analysis. Dental amalgam collected in container, dated 7/3/17. Within pharmacy, observed the following potentially RCRA regulated materials: Warfarin, nicotine containing products, selenium sulfide, silver containing salves/creams. -Current practice is for all expired meds to be managed by INMAR as part of reverse distribution program. Inventory of items returned noted. Per pharmacist, does not know of any prohibitions of items from return (liquids, [Truncated])  
Eval Division: Santa Clara County Environmental Health  
Eval Program: HW  
Eval Source: CERS

Coordinates:  
Site ID: 436892  
Facility Name: COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY  
Env Int Type Code: HMBP  
Program ID: 10761505  
Coord Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY (Continued)

S118585104

Ref Point Type Desc: Center of a facility or station.  
Latitude: 37.011200  
Longitude: -121.557030

Affiliation:

Affiliation Type Desc: Document Preparer  
Entity Name: Michelle Del Rosario  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Kevin Do  
Entity Title: Not reported  
Affiliation Address: SCVMC Environmental Health and Safety Services, 777 Turner Ave  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95128  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: County of Santa Clara - Health and Hospital System  
Entity Title: Not reported  
Affiliation Address: 751 S BASCOM AV  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95128  
Affiliation Phone: (408) 885-5000

Affiliation Type Desc: Operator  
Entity Name: County of Santa Clara - Health and Hospital System  
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: (408) 885-5000

Affiliation Type Desc: CUPA District  
Entity Name: Santa Clara County Environmental Health  
Entity Title: Not reported  
Affiliation Address: 1555 Berger Drive, Suite 300  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95112-2716  
Affiliation Phone: (408) 918-3400

Affiliation Type Desc: Parent Corporation  
Entity Name: County of Santa Clara - Health and Hospital System

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COUNTY OF SANTA CLARA HHS - VALLEY HEALTH CENTER @ GILROY (Continued)

S118585104

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: SCVMC Environmental Health and Safety Services, 751 S. Bascom Ave  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95128  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Kevin Do  
Entity Title: Environmental Health and Safety Specialist  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: COUNTY OF SANTA CLARA  
Entity Title: Not reported  
Affiliation Address: 70 West Hedding Street  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95110  
Affiliation Phone: (408) 299-4321

D12  
WNW  
< 1/8  
0.062 mi.  
326 ft.

SEE GRINS INC DBA SEE GRINS RV  
7900 ARROYO CIR  
GILROY, CA 95020  
Site 1 of 3 in cluster D

RCRA NonGen / NLR 1024839324  
CAL000387146

Relative:  
Higher

RCRA NonGen / NLR:

Actual:  
197 ft.

Date form received by agency: 07/05/2013  
Facility name: SEE GRINS INC DBA SEE GRINS RV  
Facility address: 7900 ARROYO CIR  
GILROY, CA 95020-7314  
EPA ID: CAL000387146  
Contact: LEANNA CAMARGO  
Contact address: 7900 ARROYO CIR  
GILROY, CA 95020  
Contact country: Not reported  
Contact telephone: 408-681-4652  
Contact email: LEANNAC@SEEGRINS.COM  
EPA Region: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SEE GRINS INC DBA SEE GRINS RV (Continued)**

**1024839324**

Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LEANNA CAMARGO  
Owner/operator address: 7900 ARROYO CIR  
GILROY, CA 95020  
Owner/operator country: Not reported  
Owner/operator telephone: 408-681-4652  
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

Owner/operator name: SEE GRINS INC  
Owner/operator address: 15280 BOWDEN CT  
MORGAN HILL, CA 95037  
Owner/operator country: Not reported  
Owner/operator telephone: 408-307-2695  
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

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

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**D13**  
**WNW**  
**< 1/8**  
**0.062 mi.**  
**326 ft.**

**SEE GRINS RV**  
**7900 ARROYO CIR**  
**GILROY, CA 95020**  
  
**Site 2 of 3 in cluster D**

**CA CERS HAZ WASTE**  
**CA CERS**

**S121775687**  
**N/A**

**Relative:**  
**Higher**  
  
**Actual:**  
**197 ft.**

**CERS HAZ WASTE:**  
Name: SEE GRINS RV  
Address: 7900 ARROYO CIR  
City,State,Zip: GILROY, CA 95020  
Site ID: 401905  
CERS ID: 10450012  
CERS Description: Hazardous Waste Generator

**CERS:**  
Name: SEE GRINS RV  
Address: 7900 ARROYO CIR  
City,State,Zip: GILROY, CA 95020  
Site ID: 401905  
CERS ID: 10450012  
CERS Description: Chemical Storage Facilities

**Violations:**  
Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-08-2017  
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)  
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.  
Violation Notes: Returned to compliance on 10/30/2017. Failure to update Hazardous materials Inventory. Add Helium and Acetylene and other compressed gases greater than 200 cu.ft.  
Violation Division: Gilroy City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS  
  
Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-07-2017  
Citation: HSC 6.5 25123.3(h) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)  
Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isn't received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn't received within 60 days of the date the waste was accepted by the initial transporter.  
Violation Notes: Returned to compliance on 10/04/2017. Management could not find copies of TSDf signed manifests.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SEE GRINS RV (Continued)**

**S121775687**

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-07-2017  
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)  
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.  
Violation Notes: Returned to compliance on 10/04/2017. Hazardous waste drums labeled with date 5-21-2016.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-08-2017  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Release/Leaks/Spills - General  
Violation Notes: Returned to compliance on 10/04/2017. Spill Kit container empty  
Violation Division: Gilroy City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 05-16-2016  
Citation: 22 CCR 23 66273.5 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.5  
Violation Description: Failure to properly manage mercury containing lamp bulbs which are destined for reclamation or recycling from the date the bulbs were first discarded or broken.  
Violation Notes: Returned to compliance on 05/16/2016. Ex-employee cleaned area and threw broken fluorescent light shards into trash dumpster. See Grins staff removed immediately.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 05-16-2016  
Citation: HSC 6.5 25201.16(e) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.16(e)  
Violation Description: Failure of the universal waste handler to manage universal waste aerosol cans in a manner that prevents fire, explosion, and the unauthorized release of any universal waste or component of a universal waste to the environment.  
Violation Notes: Returned to compliance on 05/16/2016. Ex-employee cleaned area and threw aerosol can partially full of liquid into trash dumpster. See

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SEE GRINS RV (Continued)

S121775687

Grins staff removed aerosol can immediately and stored properly.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-08-2017  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 10/30/2017. Failure to contact the Administering Agency within 30 days of a change of owner or operator to update the registration information. Update Owner Operator in CERS

Violation Division: Gilroy City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-08-2017  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Training - General  
Violation Notes: Returned to compliance on 10/30/2017. Upload training plan to CERS  
Violation Division: Gilroy City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 05-16-2016  
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130  
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.  
Violation Notes: Returned to compliance on 05/16/2016. One used oil drum with no bung. Corrected immediately.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-07-2017  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.  
Violation Notes: Returned to compliance on 10/04/2017. Oil filter draining container not labeled.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SEE GRINS RV (Continued)**

**S121775687**

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-07-2017  
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 10/04/2017. New management could not find copies of manifest.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-07-2017  
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174  
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.  
Violation Notes: Returned to compliance on 10/04/2017. Hazardous waste storage area is not inspected weekly.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 401905  
Site Name: See Grins RV  
Violation Date: 09-07-2017  
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34  
Violation Description: Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)?: 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment?: 3) Lamps shall be marked with ?Universal Waste-Lamp(s)?: 4)Each electronic devices or the container or the designated area shall be marked with ?Universal Waste-Electronic Device(s)?: 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)?: 6) CRT glass or the designated area shall be marked with ?Universal Waste-CRT glass?.  
Violation Notes: Returned to compliance on 10/04/2017. Failed to Label and store Fluorescent lamps and Lead Acid Batteries properly  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-16-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SEE GRINS RV (Continued)**

**S121775687**

Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-16-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Minor violations corrected immediately.  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-07-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-07-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Under new Owner, new management  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

**Affiliation:**

Affiliation Type Desc: Document Preparer  
Entity Name: KPA, LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: Tricia Kennedy  
Entity Title: Not reported  
Affiliation Address: 7900 Arroyo Circle  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: See Grins Inc  
Entity Title: Not reported  
Affiliation Address: 7900 Arroyo Circle  
Affiliation City: Gilroy

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SEE GRINS RV (Continued)**

**S121775687**

Affiliation State: CA  
 Affiliation Country: United States  
 Affiliation Zip: 95025  
 Affiliation Phone: (408) 307-2695

Affiliation Type Desc: Operator  
 Entity Name: Sandy Vera  
 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: (408) 683-4652

Affiliation Type Desc: CUPA District  
 Entity Name: Gilroy City Fire Department  
 Entity Title: Not reported  
 Affiliation Address: 7351 Rosanna Street  
 Affiliation City: Gilroy  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 95020-6141  
 Affiliation Phone: (408) 846-0400

Affiliation Type Desc: Facility Mailing Address  
 Entity Name: Mailing Address  
 Entity Title: Not reported  
 Affiliation Address: 7900 Arroyo Circle  
 Affiliation City: Gilroy  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 95020  
 Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
 Entity Name: See Grins RV  
 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

**D14**  
**WNW**  
**< 1/8**  
**0.062 mi.**  
**326 ft.**

**WAL MART**  
**7900 ARROYO CIR**  
**GILROY, CA 95020**  
**Site 3 of 3 in cluster D**

**CA UST U003785455**  
**N/A**

**Relative:**  
**Higher**

UST:  
 Name: WAL MART  
 Address: 7900 ARROYO CIR  
 City,State,Zip: GILROY, CA 95020  
 Facility ID: 980242  
 Permitting Agency: GILROY, CITY OF

**Actual:**  
**197 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WAL MART (Continued)**

**U003785455**

Latitude: 37.0187784  
 Longitude: -121.5607329

**E15  
 SSW  
 < 1/8  
 0.071 mi.  
 375 ft.**

**PERMANENTE MEDICAL OFFICES  
 7520 ARROYO CIR  
 GILROY, CA 95020**

**CA CERS HAZ WASTE  
 CA CERS**

**S121744850  
 N/A**

**Site 1 of 2 in cluster E**

**Relative:  
 Higher  
 Actual:  
 193 ft.**

**CERS HAZ WASTE:**  
 Name: PERMANENTE MEDICAL OFFICES  
 Address: 7520 ARROYO CIR  
 City,State,Zip: GILROY, CA 95020  
 Site ID: 142577  
 CERS ID: 10410958  
 CERS Description: Hazardous Waste Generator

**CERS:**  
 Name: PERMANENTE MEDICAL OFFICES  
 Address: 7520 ARROYO CIR  
 City,State,Zip: GILROY, CA 95020  
 Site ID: 142577  
 CERS ID: 10410958  
 CERS Description: Chemical Storage Facilities

**Violations:**  
 Site ID: 142577  
 Site Name: Permanente Medical Offices  
 Violation Date: 04-18-2019  
 Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)  
 Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.  
 Violation Notes: RCRA waste container dated 9-30-18 exceeded 180 day storage.  
 Violation Division: Gilroy City Fire Department  
 Violation Program: HW  
 Violation Source: CERS

**Site ID:** 142577  
**Site Name:** Permanente Medical Offices  
**Violation Date:** 04-18-2019  
**Citation:** HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
**Violation Description:** Failure to complete and electronically submit a site map with all required content.  
**Violation Notes:** Need: Streets bordering the facility, parking lots and internal roads, hazardous materials load unload areas, storm drains, evacuation routes , emergency staging area, Emergency response equipment (I.e.. Fire extinguishers, spill kits, Location of utility emergency off (water shut-off, gas shut-off, electrical shut-off),  
**Violation Division:** Gilroy City Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PERMANENTE MEDICAL OFFICES (Continued)**

**S121744850**

Violation Program: HMRRP  
Violation Source: CERS

Site ID: 142577  
Site Name: Permanente Medical Offices  
Violation Date: 04-18-2019  
Citation: HSC 6.5 25123.3(h) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)  
Violation Description: Failure to determine the status of any hazardous waste if a signed copy of the manifest isn't received within 35 days of the date the waste was accepted by the initial transporter and/or to submit an Exception Report to DTSC if a signed copy of the manifest isn't received within 60 days of the date the waste was accepted by the initial transporter.  
Violation Notes: Did not receive TSDF signed copy for manifest 012825888FCE 12/26/18 & 011907247FCE 5/14/18 and did not receive an acceptance report to state.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-18-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-18-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-01-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Annual CERS entry.  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-15-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Annual CERS entry.  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PERMANENTE MEDICAL OFFICES (Continued)**

**S121744850**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-15-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: No violation at this inspection.  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

**Affiliation:**

Affiliation Type Desc: Legal Owner  
Entity Name: Kaiser Foundation Hospitals  
Entity Title: Not reported  
Affiliation Address: 1950 Franklin St  
Affiliation City: Oakland  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94612  
Affiliation Phone: (510) 987-1000

Affiliation Type Desc: Identification Signer  
Entity Name: Michael Gonzalez  
Entity Title: Safety Specialist  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Kaiser Permanente  
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: (408) 848-4600

Affiliation Type Desc: Parent Corporation  
Entity Name: Permanente Medical Offices  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: KAISER FOUNDATION HOSPITALS  
Entity Title: Not reported  
Affiliation Address: 1950 Franklin St  
Affiliation City: Oakland  
Affiliation State: CA  
Affiliation Country: United States

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PERMANENTE MEDICAL OFFICES (Continued)**

**S121744850**

Affiliation Zip: 94612  
Affiliation Phone: (510) 987-1000

Affiliation Type Desc: Document Preparer  
Entity Name: Michael Gonzalez  
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: 1 Kaiser PLZ EL 15  
Affiliation City: Oakland  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Gilroy City Fire Department  
Entity Title: Not reported  
Affiliation Address: 7351 Rosanna Street  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020-6141  
Affiliation Phone: (408) 846-0400

Affiliation Type Desc: Environmental Contact  
Entity Name: Michael Gonzalez  
Entity Title: Not reported  
Affiliation Address: 255 International Circle  
Affiliation City: San Jose  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95119  
Affiliation Phone: Not reported

**E16**  
**SSW**  
**< 1/8**  
**0.071 mi.**  
**375 ft.**

**KAISER PERMANENTE**  
**7520 ARROYO CR**  
**GILROY, CA 95020**  
**Site 2 of 2 in cluster E**

**RCRA-LQG 1000596075**  
**FINDS CAD983600388**  
**ECHO**

**Relative:**  
**Higher**  
**Actual:**  
**193 ft.**

RCRA-LQG:  
Date form received by agency: 09/05/2018  
Facility name: KAISER PERMANENTE  
Facility address: 7520 ARROYO CIRCLE  
GILROY, CA 95020-0000  
EPA ID: CAD983600388  
Mailing address: INTERNATIONAL CIRCLE  
SAN JOSE, CA 95119

MAP FINDINGS

**KAISER PERMANENTE (Continued)**

**1000596075**

Contact: MICHAEL GONZALEZ  
Contact address: ARROYO CIRCLE  
GILROY, CA 95020-0000  
Contact country: US  
Contact telephone: 408-478-0982  
Contact email: MICHAEL.D.GONZALEZ@KP.ORG  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: KAISER FOUNDATION HELATH PLAN INC.  
Owner/operator address: KAISER PLAZA  
OAKLAND, CA 94612  
Owner/operator country: US  
Owner/operator telephone: 408-478-0982  
Owner/operator email: MICHAEL.D.GONZALEZ@KP.ORG  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/30/2016  
Owner/Op end date: Not reported

Owner/operator name: KAISER FOUNDATION HELATH PLAN INC.  
Owner/operator address: KAISER PLAZA  
OAKLAND, CA 94612  
Owner/operator country: US  
Owner/operator telephone: 408-478-0982  
Owner/operator email: MICHAEL.D.GONZALEZ@KP.ORG  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/30/2016  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAISER PERMANENTE (Continued)**

**1000596075**

Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: KAISER FOUNDATION HOSPITALS  
Owner/operator address: P O BOX 12916  
OAKLAND, CA 94604

Owner/operator country: Not reported  
Owner/operator telephone: 510-987-1000  
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  
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/17/1991  
Site name: KAISER GILROY MEDL BLDG  
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 311  
. Waste name: Pharmaceutical waste  
  
. Waste code: 551  
. Waste name: Laboratory waste chemicals  
  
. Waste code: D001  
. Waste name: IGNITABLE WASTE  
  
. Waste code: D004  
. Waste name: ARSENIC  
  
. Waste code: D005  
. Waste name: BARIUM



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAISER PERMANENTE (Continued)**

**1000596075**

- . Waste code: D007
  - . Waste name: CHROMIUM
  
  - . Waste code: D010
  - . Waste name: SELENIUM
  
  - . Waste code: D011
  - . Waste name: SILVER
  
  - . Waste code: D013
  - . Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
  
  - . Waste code: P042
  - . Waste name: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE
  
  - . Waste code: P046
  - . Waste name: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-
  
  - . Waste code: P075
  - . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
  
  - . Waste code: P081
  - . Waste name: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
- Violation Status: No violations found

**FINDS:**

Registry ID: 110002857061

Environmental Interest/Information System

AIR EMISSIONS CLASSIFICATION UNKNOWN

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

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

**ECHO:**

Envid: 1000596075  
Registry ID: 110002857061

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KAISER PERMANENTE (Continued)**

1000596075

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002857061>

17  
West  
< 1/8  
0.100 mi.  
528 ft.

**GILROY HIGH SCHOOL**  
**7810 ARROYO**  
**GILROY, CA 95020**

**CA LUST** S101303594  
**CA HIST CORTESE** N/A

**Relative:**  
**Higher**  
**Actual:**  
**195 ft.**

LUSTR REG 3:  
Region: 3  
Regional Board: Central Coast Region  
Facility County: Santa Clara  
Global ID: T0608500016  
Status: Preliminary site assessment workplan submitted  
Case Number: 2217  
Local Case Num: Not reported  
Case Type: U  
Substance: Diesel  
Quantity: Not reported  
Abatement Method: U  
Leak Source: Tank  
Leak Cause: UNK  
How Stopped: Not reported  
How Discovered: Tank Closure  
Release Date: 03/09/1992  
Discovered Date: 2/9/92  
Enter Date: 08/25/1992  
Stop Date: Not reported  
Review Date: 08/25/1992  
Enforce Date: Not reported  
Close Date: Not reported  
Enforcement Type: Not reported  
Responsible Party: Not reported  
RP Address: Not reported  
Contact: Not reported  
Cross Street: Not reported  
Local Agency: Gilroy, Santa Clara County  
Lead Agency: Local Agency  
Staff Initials: JHM  
Confirm Leak: Not reported  
Workplan: 1/1/75  
Prelim Assess: Not reported  
Pollution Char: / /  
Remedial Plan: Not reported  
Remedial Action: Not reported  
Monitoring: / /  
Pilot Program: UST  
Interim Action: 0  
Funding: Not reported  
MTBE Class: \*  
Max MTBE Grnd Wtr: Not reported  
Max MTBE Soil: Not reported  
Max MTBE Data: / /  
MTBE Tested: NRQ  
Lat/Long: 37.015127 / -121.5621846  
Soil Qualifier: Not reported  
Grnd Wtr Qualifier: Not reported  
Mtbce Concentratn: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GILROY HIGH SCHOOL (Continued)**

**S101303594**

Mtbe Fuel: 0  
Org Name: Not reported  
Basin Plan: 5.30  
Beneficial: Not reported  
Priority: 0  
UST Cleanup Fund ID: Not reported  
Suspended: Not reported  
Operator: Not reported  
Water System: CITY OF GILROY  
Well Name: WELL 07  
Distance From Well: 0  
Assigned Name: 10S/04E-32N02 M  
Summary: THIS PROJECT IS STILL UNDER PERLIMINARY INVESTIGATION.

**HIST CORTESE:**

edr\_fname: GILROY HIGH SCHOOL  
edr\_fadd1: 7810 ARROYO  
City,State,Zip: GILROY, CA 95020  
Region: CORTESE  
Facility County Code: 43  
Reg By: LTNKA  
Reg Id: 2217

**18**  
**WSW**  
**< 1/8**  
**0.102 mi.**  
**536 ft.**

**MATTHEWS METAL PRODUCTS**  
**7700 ARROYO CIRCLE**  
**GILROY, CA 95020**

**CA CERS HAZ WASTE** **S113038573**  
**CA HAZNET** **N/A**  
**CA CERS**

**Relative:**  
**Higher**  
**Actual:**  
**194 ft.**

**CERS HAZ WASTE:**  
Name: SPECIALTY TRUCK PARTS, INC.  
Address: 7700 ARROYO CIR  
City,State,Zip: GILROY, CA 95020  
Site ID: 514157  
CERS ID: 10781470  
CERS Description: Hazardous Waste Generator

**HAZNET:**

Name: MATTHEWS METAL PRODUCTS  
Address: 7700 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 2004  
GEPaid: CAL000042361  
Contact: STEVEN MATTHEWS  
Telephone: 4088483434  
Mailing Name: Not reported  
Mailing Address: 5820 OBATA WAY STE A  
Mailing City,St,Zip: GILROY, CA 950200000  
Gen County: Santa Clara  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Tons: 0.306  
CA Waste Code: 214-Unspecified solvent mixture  
Method: H01-Transfer Station  
Facility County: Santa Clara

Name: MATTHEWS METAL PRODUCTS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATTHEWS METAL PRODUCTS (Continued)**

**S113038573**

Address: 7700 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 2004  
GEPaid: CAL000042361  
Contact: STEVEN MATTHEWS  
Telephone: 4088483434  
Mailing Name: Not reported  
Mailing Address: 5820 OBATA WAY STE A  
Mailing City,St,Zip: GILROY, CA 950200000  
Gen County: Santa Clara  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Tons: 0.25  
CA Waste Code: 181-Other inorganic solid waste  
Method: H01-Transfer Station  
Facility County: Santa Clara

Name: MATTHEWS METAL PRODUCTS  
Address: 7700 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 2003  
GEPaid: CAL000042361  
Contact: STEVEN MATTHEWS  
Telephone: 4088483434  
Mailing Name: Not reported  
Mailing Address: 5820 OBATA WAY STE A  
Mailing City,St,Zip: GILROY, CA 950200000  
Gen County: Santa Clara  
TSD EPA ID: CAT080033681  
TSD County: Los Angeles  
Tons: 0.2  
CA Waste Code: 223-Unspecified oil-containing waste  
Method: R01-Recycler  
Facility County: Santa Clara

Name: MATTHEWS METAL PRODUCTS  
Address: 7700 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 2002  
GEPaid: CAL000042361  
Contact: STEVEN MATTHEWS  
Telephone: 4088483434  
Mailing Name: Not reported  
Mailing Address: 5820 OBATA WAY STE A  
Mailing City,St,Zip: GILROY, CA 950200000  
Gen County: Santa Clara  
TSD EPA ID: CAT080033681  
TSD County: Los Angeles  
Tons: 1.35  
CA Waste Code: 223-Unspecified oil-containing waste  
Method: R01-Recycler  
Facility County: Santa Clara

Name: MATTHEWS METAL PRODUCTS  
Address: 7700 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATTHEWS METAL PRODUCTS (Continued)**

**S113038573**

GEPaid: CAL000042361  
Contact: STEVEN MATTHEWS  
Telephone: 4088483434  
Mailing Name: Not reported  
Mailing Address: 5820 OBATA WAY STE A  
Mailing City,St,Zip: GILROY, CA 950200000  
Gen County: Santa Clara  
TSD EPA ID: CAL000161743  
TSD County: Santa Clara  
Tons: 0.684  
CA Waste Code: 221-Waste oil and mixed oil  
Method: R01-Recycler  
Facility County: Santa Clara

[Click this hyperlink](#) while viewing on your computer to access  
15 additional CA\_HAZNET: record(s) in the EDR Site Report.

**CERS:**

Name: SPECIALTY TRUCK PARTS, INC.  
Address: 7700 ARROYO CIR  
City,State,Zip: GILROY, CA 95020  
Site ID: 514157  
CERS ID: 10781470  
CERS Description: Chemical Storage Facilities

**Evaluation:**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-20-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Initial CUPA site visit. Needs to complete inventory for reportable quantities of hazardous materials.

Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-20-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Owner/operator indicated that he will likely be a Small Quantity Generator.

Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: Ron Lutz  
Entity Title: Not reported  
Affiliation Address: 7700 Arroyo Cir  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATTHEWS METAL PRODUCTS (Continued)**

**S113038573**

Affiliation Type Desc: Parent Corporation  
Entity Name: specialty truck parts, inc.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Gilroy City Fire Department  
Entity Title: Not reported  
Affiliation Address: 7351 Rosanna Street  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020-6141  
Affiliation Phone: (408) 846-0400

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

Affiliation Type Desc: Operator  
Entity Name: specialty truck parts, 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: (408) 998-7272

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 7700 arroyo Cir  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Jodi McLean  
Entity Title: Sec/Treasure  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MATTHEWS METAL PRODUCTS (Continued)**

**S113038573**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported  
  
Affiliation Type Desc: Legal Owner  
Entity Name: Roger Stanton  
Entity Title: Not reported  
Affiliation Address: 7700 Arroyo Cir  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95020  
Affiliation Phone: (408) 640-3084

**F19  
NW  
1/8-1/4  
0.144 mi.  
761 ft.**

**DUSAN EQUIPMENT CORP  
8100 ARROYO CL  
GILROY, CA 95020**

**CA CUPA Listings S121468530  
N/A**

**Site 1 of 3 in cluster F**

**Relative:  
Higher  
Actual:  
200 ft.**

CUPA SANTA CLARA:  
Name: DUSAN EQUIPMENT CORP  
Address: 8100 ARROYO CL  
City,State,Zip: GILROY, CA 95020  
Region: SANTA CLARA  
PE#: 2206  
Program Description: GENERATES 5 TO <25 TONS/YR  
Latitude: 37.019869  
Longitude: -121.562726  
Record ID: PR0312710  
Facility ID: FA0201369

**F20  
NW  
1/8-1/4  
0.144 mi.  
761 ft.**

**AJWA ANALYTICAL LABORATORIES  
8100 ARROYO CIRCLE  
GILROY, CA 95020**

**RCRA NonGen / NLR 1024864228  
CAL000432788**

**Site 2 of 3 in cluster F**

**Relative:  
Higher  
Actual:  
200 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 12/29/2017  
Facility name: AJWA ANALYTICAL LABORATORIES  
Facility address: 8100 ARROYO CIRCLE  
GILROY, CA 95020  
  
EPA ID: CAL000432788  
Contact: HUSEIN AJWA  
Contact address: 8100 ARROYO CIRCLE  
GILROY, CA 95020  
  
Contact country: Not reported  
Contact telephone: 831-970-8621  
Contact email: AJWALABS@GMAIL.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:  
Owner/operator name: HUSEIN AJWA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AJWA ANALYTICAL LABORATORIES (Continued)**

**1024864228**

Owner/operator address: 8100 ARROYO CIRCLE  
GILROY, CA 95020  
Owner/operator country: Not reported  
Owner/operator telephone: 831-970-8621  
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

Owner/operator name: HUSEIN AJWA  
Owner/operator address: 8100 ARROYO CIRCLE  
GILROY, CA 95020  
Owner/operator country: Not reported  
Owner/operator telephone: 831-970-8621  
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

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

**F21  
NW  
1/8-1/4  
0.144 mi.  
761 ft.**

**DUSAN EQUIPMENT CORPORATION  
8100 ARROYO CIRCLE  
GILROY, CA 95020  
Site 3 of 3 in cluster F**

**RCRA-SQG 1000150387  
FINDS CAD981433592  
ECHO  
CA HAZNET**

**Relative:  
Higher  
Actual:  
200 ft.**

RCRA-SQG:  
Date form received by agency: 09/01/1996  
Facility name: DUSAN EQUIPMENT CORPORATION  
Facility address: 8100 ARROYO CIRCLE  
GILROY, CA 95020  
EPA ID: CAD981433592  
Contact: Not reported  
Contact address: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUSAN EQUIPMENT CORPORATION (Continued)**

**1000150387**

Contact country: Not reported  
Contact telephone: US  
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: DUSAN SLEPCEVIC  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
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

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
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: 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  
Used oil transporter: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUSAN EQUIPMENT CORPORATION (Continued)**

**1000150387**

Historical Generators:

Date form received by agency: 08/19/1986  
Site name: DUSAN EQUIPMENT CORPORATION  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002703511

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1000150387  
Registry ID: 110002703511  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002703511>

HAZNET:

Name: DUSAN EQUIPMENT CORPORATION  
Address: 8100 ARROYO CIRCLE  
City, State, Zip: GILROY, CA 950200000  
Year: 1997  
GEPaid: CAD981433592  
Contact: GORDON CARROLL/MAINT MGR  
Telephone: 4088485000  
Mailing Name: Not reported  
Mailing Address: 8100 ARROYO CIR  
Mailing City, St, Zip: GILROY, CA 950207305  
Gen County: Santa Clara  
TSD EPA ID: CAD000088252  
TSD County: Los Angeles  
Tons: 0.05  
CA Waste Code: 213-Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)  
Method: H01-Transfer Station  
Facility County: Santa Clara

Name: DUSAN EQUIPMENT CORPORATION  
Address: 8100 ARROYO CIRCLE  
City, State, Zip: GILROY, CA 950200000  
Year: 1997  
GEPaid: CAD981433592  
Contact: GORDON CARROLL/MAINT MGR  
Telephone: 4088485000  
Mailing Name: Not reported  
Mailing Address: 8100 ARROYO CIR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUSAN EQUIPMENT CORPORATION (Continued)**

**1000150387**

Mailing City,St,Zip: GILROY, CA 950207305  
Gen County: Santa Clara  
TSD EPA ID: CAD000088252  
TSD County: Los Angeles  
Tons: 0.01  
CA Waste Code: 791-Liquids with pH <= 2  
Method: H01-Transfer Station  
Facility County: Santa Clara

Name: DUSAN EQUIPMENT CORPORATION  
Address: 8100 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 1997  
GEPaid: CAD981433592  
Contact: GORDON CARROLL/MAINT MGR  
Telephone: 4088485000  
Mailing Name: Not reported  
Mailing Address: 8100 ARROYO CIR  
Mailing City,St,Zip: GILROY, CA 950207305  
Gen County: Santa Clara  
TSD EPA ID: CAD000088252  
TSD County: Los Angeles  
Tons: 0.288  
CA Waste Code: 214-Unspecified solvent mixture  
Method: H01-Transfer Station  
Facility County: Santa Clara

Name: DUSAN EQUIPMENT CORPORATION  
Address: 8100 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 1997  
GEPaid: CAD981433592  
Contact: GORDON CARROLL/MAINT MGR  
Telephone: 4088485000  
Mailing Name: Not reported  
Mailing Address: 8100 ARROYO CIR  
Mailing City,St,Zip: GILROY, CA 950207305  
Gen County: Santa Clara  
TSD EPA ID: CAD097930993  
TSD County: Not reported  
Tons: 2  
CA Waste Code: 181-Other inorganic solid waste  
Method: D99-Disposal, Other  
Facility County: Santa Clara

Name: DUSAN EQUIPMENT CORPORATION  
Address: 8100 ARROYO CIRCLE  
City,State,Zip: GILROY, CA 950200000  
Year: 1997  
GEPaid: CAD981433592  
Contact: GORDON CARROLL/MAINT MGR  
Telephone: 4088485000  
Mailing Name: Not reported  
Mailing Address: 8100 ARROYO CIR  
Mailing City,St,Zip: GILROY, CA 950207305  
Gen County: Santa Clara  
TSD EPA ID: CAT080013352

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DUSAN EQUIPMENT CORPORATION (Continued)**

**1000150387**

TSD County: Los Angeles  
Tons: 0.1668  
CA Waste Code: 291-Latex waste  
Method: R01-Recycler  
Facility County: Santa Clara

[Click this hyperlink](#) while viewing on your computer to access 95 additional CA\_HAZNET: record(s) in the EDR Site Report.

**22**  
**South**  
**1/8-1/4**  
**0.150 mi.**  
**792 ft.**

**WHEELER HOSPITAL COMPLEX**  
**651 6TH**  
**GILROY, CA 95220**

**CA LUST**  
**CA HIST LUST**  
**CA HIST CORTESE**  
**CA CERS**

**S104162692**  
**N/A**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**191 ft.**

Name: WHEELER HOSPITAL COMPLEX  
Address: 651 6TH  
City,State,Zip: GILROY, CA 95020  
Lead Agency: SANTA CLARA COUNTY LOP  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0608500051](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608500051)  
Global Id: T0608500051  
Latitude: 37.0053139  
Longitude: -121.5768814  
Status: Completed - Case Closed  
Status Date: 01/12/2011  
Case Worker: GOR  
RB Case Number: 2968  
Local Agency: SANTA CLARA COUNTY LOP  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Local Case Number: 11S4E06L01f  
Potential Media Affect: Soil  
Potential Contaminants of Concern: DDD / DDE / DDT, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating

Site History: Three USTs have been confirmed to exist on the former Wheeler Hospital site, with a fourth suspected to be under the former physical therapy room. The diesel tank on Princevalle Street and the heating oil tank on Carmel Street were removed. Soil samples collected below the USTs were below the detection limits except for one sample collected below the Carmel Street UST which detected 110 ppm motor oil. Because of this soil sample, additional soil samples were collected and a groundwater monitoring well installed. Based on the additional soil and groundwater monitoring it appears that the extent of contamination is limited. The soil in the vicinity of the Motor Control Center was tested by a slant boring and found to be well below the action level. A fourth UST may be located below the physical therapy room. .

**LUST:**

Global Id: T0608500051  
Contact Type: Local Agency Caseworker  
Contact Name: Gerald O'Regan  
Organization Name: SANTA CLARA COUNTY LOP  
Address: 1555 BERGER DRIVE STE 300  
City: SAN JOSE  
Email: gerald.o'regan@deh.sccgov.org  
Phone Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHEELER HOSPITAL COMPLEX (Continued)**

**S104162692**

Global Id: T0608500051  
Contact Type: Regional Board Caseworker  
Contact Name: WEI LIU  
Organization Name: CENTRAL COAST RWQCB (REGION 3)  
Address: 895 AEROVISTA PLACE, SUITE 101  
City: SAN LUIS OBISPO  
Email: wei.liu@waterboards.ca.gov  
Phone Number: 8055493147

**LUST:**

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 11/16/2010  
Action: Staff Letter - #01026111

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 09/25/2009  
Action: Staff Letter

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 05/19/2010  
Action: Staff Letter

Global Id: T0608500051  
Action Type: Other  
Date: 06/26/1990  
Action: Leak Discovery

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 10/29/2010  
Action: Well Destruction Report

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 01/21/2011  
Action: Well Destruction Report

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 06/17/2010  
Action: Staff Letter

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 01/12/2011  
Action: Closure/No Further Action Letter

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 09/03/2010  
Action: Staff Letter - #010239

Global Id: T0608500051  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHEELER HOSPITAL COMPLEX (Continued)**

**S104162692**

Date: 01/14/2011  
Action: Well Destruction Report

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 01/14/2011  
Action: Well Destruction Report

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 06/19/1990  
Action: Soil and Water Investigation Workplan

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 07/27/1990  
Action: Soil and Water Investigation Report

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 05/12/1993  
Action: Soil and Water Investigation Report

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 01/05/2011  
Action: Correspondence

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 07/12/1991  
Action: Other Report / Document

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 02/22/2006  
Action: Correspondence

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 12/08/1989  
Action: Other Report / Document

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 12/08/1989  
Action: Other Report / Document

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 12/08/1989  
Action: Other Report / Document

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 06/18/1990  
Action: Other Report / Document

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHEELER HOSPITAL COMPLEX (Continued)**

**S104162692**

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 05/12/1993  
Action: Verbal Communication

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 04/05/1993  
Action: Monitoring Report - Quarterly

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 06/18/1990  
Action: Site Assessment Report

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 01/14/2011  
Action: Well Destruction Report

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 02/22/2006  
Action: Notice of Responsibility - #60222

Global Id: T0608500051  
Action Type: Other  
Date: 12/05/1989  
Action: Leak Stopped

Global Id: T0608500051  
Action Type: Other  
Date: 07/27/1990  
Action: Leak Reported

Global Id: T0608500051  
Action Type: ENFORCEMENT  
Date: 03/13/2009  
Action: Staff Letter - #90023130

Global Id: T0608500051  
Action Type: RESPONSE  
Date: 05/15/2009  
Action: Preliminary Site Assessment Workplan - Addendum

**LUST:**

Global Id: T0608500051  
Status: Open  
Status Date: 01/21/1991

Global Id: T0608500051  
Status: Open - Case Begin Date  
Status Date: 01/21/1991

Global Id: T0608500051  
Status: Open - Site Assessment  
Status Date: 02/22/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHEELER HOSPITAL COMPLEX (Continued)**

**S104162692**

Global Id: T0608500051  
Status: Open - Verification Monitoring  
Status Date: 08/10/2010

Global Id: T0608500051  
Status: Completed - Case Closed  
Status Date: 01/12/2011

**LUST REG 3:**

Region: 3  
Regional Board: Central Coast Region  
Facility County: Santa Clara  
Global ID: T0608500051  
Status: Not reported  
Case Number: 2968  
Local Case Num: 11S4E06L01f  
Case Type: S  
Substance: 0  
Quantity: Not reported  
Abatement Method: Not reported  
Leak Source: Not reported  
Leak Cause: Unknown  
How Stopped: Not reported  
How Discovered: Not reported  
Release Date: 01/01/1992  
Discovered Date: Not reported  
Enter Date: / /  
Stop Date: Not reported  
Review Date: / /  
Enforce Date: Not reported  
Close Date: Not reported  
Enforcement Type: Not reported  
Responsible Party: Not reported  
RP Address: Not reported  
Contact: Not reported  
Cross Street: Not reported  
Local Agency: 43099L  
Lead Agency: Local Agency  
Staff Initials: AJM  
Confirm Leak: Not reported  
Workplan: Not reported  
Prelim Assess: Not reported  
Pollution Char: / /  
Remedial Plan: Not reported  
Remedial Action: Not reported  
Monitoring: / /  
Pilot Program: LUST  
Interim Action: Not reported  
Funding: Not reported  
MTBE Class: \*  
Max MTBE Grnd Wtr: Not reported  
Max MTBE Soil: Not reported  
Max MTBE Data: / /  
MTBE Tested: NRQ  
Lat/Long: 37.0053139 / -121.5768814  
Soil Qualifier: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHEELER HOSPITAL COMPLEX (Continued)**

**S104162692**

Grnd Wtr Qualifier: Not reported  
Mtbe Concentratn: 0  
Mtbe Fuel: 0  
Org Name: Not reported  
Basin Plan: Not reported  
Beneficial: MUN  
Priority: Not reported  
UST Cleanup Fund ID: Not reported  
Suspended: Not reported  
Operator: Not reported  
Water System: CITY OF GILROY  
Well Name: WELL 04  
Distance From Well: 0  
Assigned Name: 11S/04E-06P01 M  
Summary: Not reported

**HIST LUST SANTA CLARA:**

Name: Wheeler Hospital Complex  
Address: 651 W 6th St  
City: Gilroy  
Region: SANTA CLARA  
Region Code: 3  
SCVWD ID: 11S4E06L01  
Oversite Agency: SCVWD  
Date Listed: 1993-04-27 00:00:00  
Closed Date: Not reported

**HIST CORTESE:**

edr\_fname: WHEELER HOSPITAL COMPLEX  
edr\_fadd1: 651 6TH  
City,State,Zip: GILROY, CA 95220  
Region: CORTESE  
Facility County Code: 43  
Reg By: LTNKA  
Reg Id: 2968

**CERS:**

Name: WHEELER HOSPITAL COMPLEX  
Address: 651 6TH  
City,State,Zip: GILROY, CA 95020  
Site ID: 216387  
CERS ID: T0608500051  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: WEI LIU - CENTRAL COAST RWQCB (REGION 3)  
Entity Title: Not reported  
Affiliation Address: 895 AEROVISTA PLACE, SUITE 101  
Affiliation City: SAN LUIS OBISPO  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 8055493147

Affiliation Type Desc: Local Agency Caseworker

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WHEELER HOSPITAL COMPLEX (Continued)**

**S104162692**

Entity Name: Gerald O'Regan - SANTA CLARA COUNTY LOP  
Entity Title: Not reported  
Affiliation Address: 1555 BERGER DRIVE STE 300  
Affiliation City: SAN JOSE  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**G23  
NNW  
1/8-1/4  
0.206 mi.  
1088 ft.**

**BATH & BODY WORKS #1441  
8300 ARROYO CIR SPC C110  
GILROY, CA 95020  
Site 1 of 2 in cluster G**

**CA CERS HAZ WASTE  
CA HAZNET  
CA CERS**

**S121782681  
N/A**

**Relative:  
Higher  
Actual:  
201 ft.**

CERS HAZ WASTE:  
Name: BATH & BODY WORKS #1441  
Address: 8300 ARROYO CIR SPC C110  
City,State,Zip: GILROY, CA 95020  
Site ID: 426981  
CERS ID: 10745500  
CERS Description: Hazardous Waste Generator

HAZNET:  
Name: BATH & BODY WORKS #1441  
Address: 8300 ARROYO CIR SPACE C110  
City,State,Zip: GILROY, CA 95020  
Year: 2017  
GEPaid: CAL000427629  
Contact: MIKE RYAN  
Telephone: 6144151769  
Mailing Name: Not reported  
Mailing Address: 2 LIMITED PKWY  
Mailing City,St,Zip: COLUMBUS, OH 43230  
Gen County: Santa Clara  
TSD EPA ID: NVD980895338  
TSD County: 99  
Tons: 0.3865  
CA Waste Code: 331-Off-specification, aged or surplus organics  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Santa Clara

Name: BATH & BODY WORKS #1441  
Address: 8300 ARROYO CIR SPACE C110  
City,State,Zip: GILROY, CA 95020  
Year: 2017  
GEPaid: CAL000427629  
Contact: MIKE RYAN  
Telephone: 6144151769  
Mailing Name: Not reported  
Mailing Address: 2 LIMITED PKWY  
Mailing City,St,Zip: COLUMBUS, OH 43230  
Gen County: Santa Clara  
TSD EPA ID: CAD008364432  
TSD County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BATH & BODY WORKS #1441 (Continued)**

**S121782681**

Tons: 0.218  
CA Waste Code: 331-Off-specification, aged or surplus organics  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Santa Clara

**CERS:**

Name: BATH & BODY WORKS #1441  
Address: 8300 ARROYO CIR SPC C110  
City,State,Zip: GILROY, CA 95020  
Site ID: 426981  
CERS ID: 10745500  
CERS Description: Chemical Storage Facilities

**Affiliation:**

Affiliation Type Desc: Operator  
Entity Name: BATH & BODY WORKS #1441  
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: (408) 846-9940

Affiliation Type Desc: Environmental Contact  
Entity Name: Mike Ryan  
Entity Title: Not reported  
Affiliation Address: 2 LIMITED PARKWAY  
Affiliation City: COLUMBUS  
Affiliation State: OH  
Affiliation Country: Not reported  
Affiliation Zip: 43230  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 2 LIMITED PARKWAY/ATTN: MIKE RYAN  
Affiliation City: COLUMBUS  
Affiliation State: OH  
Affiliation Country: Not reported  
Affiliation Zip: 43230  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: L Brands  
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: CUPA District  
Entity Name: Gilroy City Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BATH & BODY WORKS #1441 (Continued)**

**S121782681**

Entity Title: Not reported  
Affiliation Address: 7351 Rosanna Street  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020-6141  
Affiliation Phone: (408) 846-0400

Affiliation Type Desc: Document Preparer  
Entity Name: ASHLEY CAMPBELL  
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: Identification Signer  
Entity Name: Ashley Campbell  
Entity Title: COMPLIANCE & REGULATORY AFFAIRS SPEC  
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: Bath & Body Works, LLC  
Entity Title: Not reported  
Affiliation Address: 7 LIMITED PARKWAY  
Affiliation City: REYNOLDSBURG  
Affiliation State: OH  
Affiliation Country: United States  
Affiliation Zip: 43068  
Affiliation Phone: (614) 856-6000

**G24**  
**NNW**  
**1/8-1/4**  
**0.206 mi.**  
**1088 ft.**

**BATH & BODY WORKS #1441**  
**8300 ARROYO CIR SPACE C110**  
**GILROY, CA 95020**

**RCRA NonGen / NLR 1024859944**  
**CAL000427629**

**Site 2 of 2 in cluster G**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

Date form received by agency: 05/09/2017  
Facility name: BATH & BODY WORKS #1441  
Facility address: 8300 ARROYO CIR SPACE C110  
GILROY, CA 95020  
EPA ID: CAL000427629  
Mailing address: 2 LIMITED PKWY  
COLUMBUS, OH 43230  
Contact: MIKE RYAN  
Contact address: 2 LIMITED PKWY  
COLUMBUS, OH 43230  
Contact country: Not reported  
Contact telephone: 614-415-1769

**Actual:**  
**201 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BATH & BODY WORKS #1441 (Continued)**

**1024859944**

Contact email: MRYAN@LB.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BATH & BODY WORKS LLC  
Owner/operator address: 7 LIMITED PKWY  
REYNOLDSBURG, OH 43068

Owner/operator country: Not reported  
Owner/operator telephone: 614-856-6000  
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: MIKE RYAN  
Owner/operator address: 2 LIMITED PKWY  
COLUMBUS, OH 43230

Owner/operator country: Not reported  
Owner/operator telephone: 614-415-1769  
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

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**25**  
**West**  
**1/4-1/2**  
**0.368 mi.**  
**1942 ft.**

**SOUTH VALLEY MIDDLE SCHOOL MODERNAZATION**  
**385 I.O.O.F AVENUE**  
**GILROY, CA 95020**

**CA ENVIROSTOR**

**S123133189**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**196 ft.**

**ENVIROSTOR:**

Name: SOUTH VALLEY MIDDLE SCHOOL MODERNAZATION  
 Address: 385 I.O.O.F AVENUE  
 City,State,Zip: GILROY, CA 95020  
 Facility ID: 60002711  
 Status: Active  
 Status Date: 08/29/2018  
 Site Code: 204309  
 Site Type: Evaluation  
 Site Type Detailed: Evaluation  
 Acres: 20.5  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Harold (Bud) Duke  
 Supervisor: Jose Salcedo  
 Division Branch: Northern California Schools & Santa Susana  
 Assembly: , 30  
 Senate: , 17  
 Special Program: EPA - Target Site Investigation  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: EPA Grant  
 Latitude: 37.01420  
 Longitude: -121.5677  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: 202204  
 Alias Type: Project Code (Site Code)  
 Alias Name: 204309  
 Alias Type: Project Code (Site Code)  
 Alias Name: 60002711  
 Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Site Inspections/Visit (Non LUR)  
 Completed Date: 03/19/2019  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Other Report  
 Completed Date: 09/05/2018  
 Comments: DTSC issued approval of the TSI Application for the South Valley Middle School Modernization project.

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Preliminary Endangerment Assessment Workplan

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH VALLEY MIDDLE SCHOOL MODERNAZATION (Continued)**

**S123133189**

Completed Date: 04/09/2019  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 04/10/2019  
Comments: Not reported

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Preliminary Endangerment Assessment Report  
Future Due Date: 2019  
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

**H26**  
**South**  
**1/4-1/2**  
**0.386 mi.**  
**2038 ft.**

**CALIFORNIA HIGHWAY PATROL**  
**740 RENZ LANE**  
**GILROY, CA 95020**

**Site 1 of 4 in cluster H**

**CA LUST**  
**CA CERS HAZ WASTE**  
**CA CERS TANKS**  
**CA EMI**  
**CA CERS**

**S106920266**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**189 ft.**

**LUST SANTA CLARA:**  
Name: CHP GILROY/HOLLISTER  
Address: 740 RENZ LN  
City,State,Zip: GILROY, CA  
Region: SANTA CLARA  
SCVWD ID: 11S4E05L01F  
Date Closed: 01/05/1998  
EDR Link ID: 11S4E05L01F

**CERS HAZ WASTE:**  
Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Site ID: 388861  
CERS ID: 10073854  
CERS Description: Hazardous Waste Generator

**CERS TANKS:**  
Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Site ID: 388861  
CERS ID: 10073854  
CERS Description: Underground Storage Tank

**EMI:**  
Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2003  
County Code: 43

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA 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: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2004  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA 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: 0.001  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2005  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA 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: .001  
SOX - Oxides of Sulphur Tons/Yr: .001  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

City,State,Zip: GILROY, CA 95020  
Year: 2006  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA 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: .001  
SOX - Oxides of Sulphur Tons/Yr: .001  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2007  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .002  
Reactive Organic Gases Tons/Yr: .0001828  
Carbon Monoxide Emissions Tons/Yr: .039  
NOX - Oxides of Nitrogen Tons/Yr: .016  
SOX - Oxides of Sulphur Tons/Yr: .001  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2008  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .002  
Reactive Organic Gases Tons/Yr: .0001828  
Carbon Monoxide Emissions Tons/Yr: .039  
NOX - Oxides of Nitrogen Tons/Yr: .016  
SOX - Oxides of Sulphur Tons/Yr: .001  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID  
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Elevation

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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2009  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 9.139999999999999E-5  
Carbon Monoxide Emissions Tons/Yr: 0.01  
NOX - Oxides of Nitrogen Tons/Yr: 4.000000000000001E-3  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2010  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 9.139999999999999E-5  
Carbon Monoxide Emissions Tons/Yr: 0.01  
NOX - Oxides of Nitrogen Tons/Yr: 4.000000000000001E-3  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2011  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 9.14e-005  
Carbon Monoxide Emissions Tons/Yr: 0.018  
NOX - Oxides of Nitrogen Tons/Yr: 0.008  
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID  
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MAP FINDINGS

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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2012  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 9.14e-005  
Carbon Monoxide Emissions Tons/Yr: 0.018  
NOX - Oxides of Nitrogen Tons/Yr: 0.008  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2013  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 9.14e-005  
Carbon Monoxide Emissions Tons/Yr: 0.02  
NOX - Oxides of Nitrogen Tons/Yr: 0.009  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2014  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001219308  
Reactive Organic Gases Tons/Yr: 0

Map ID  
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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Carbon Monoxide Emissions Tons/Yr: 0.020179883  
NOX - Oxides of Nitrogen Tons/Yr: 0.008574582  
SOX - Oxides of Sulphur Tons/Yr: 0.000272745  
Particulate Matter Tons/Yr: 3.5743e-005  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3.5743e-005

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2015  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.000962612  
Reactive Organic Gases Tons/Yr: 0.000948101  
Carbon Monoxide Emissions Tons/Yr: 0.01593148  
NOX - Oxides of Nitrogen Tons/Yr: 0.006769408  
SOX - Oxides of Sulphur Tons/Yr: 0.000215325  
Particulate Matter Tons/Yr: 2.8218e-005  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.8218e-005

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2016  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.000962612  
Reactive Organic Gases Tons/Yr: 8.96191772e-005  
Carbon Monoxide Emissions Tons/Yr: 0.015931484  
NOX - Oxides of Nitrogen Tons/Yr: 0.006769408  
SOX - Oxides of Sulphur Tons/Yr: 0.000215325  
Particulate Matter Tons/Yr: 2.8218e-005  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.8218e-005

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Year: 2017  
County Code: 43  
Air Basin: SF  
Facility ID: 14570  
Air District Name: BA  
SIC Code: 9221  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported

Map ID  
Direction  
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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.000160435  
Reactive Organic Gases Tons/Yr: 1.49364985e-005  
Carbon Monoxide Emissions Tons/Yr: 0.002655247  
NOX - Oxides of Nitrogen Tons/Yr: 0.001128234  
SOX - Oxides of Sulphur Tons/Yr: 3.5887e-005  
Particulate Matter Tons/Yr: 4.703e-006  
Part. Matter 10 Micrometers and Smllr Tons/Yr:4.703e-006

**CERS:**

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020-9584  
Site ID: 456949  
CERS ID: 110037968385  
CERS Description: US EPA Air Emission Inventory System (EIS)

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: Beth DePaola  
Entity Title: Not reported  
Affiliation Address: POBOX 942898  
Affiliation City: SACRAMENTO  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: UST PO Name  
Entity Name: DEPT OF CA HWY PATROL  
Entity Title: Not reported  
Affiliation Address: POBOX 942898  
Affiliation City: SACRAMENTO  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: CALIFORNIA HIGHWAY PATROL  
Address: 740 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Site ID: 388861  
CERS ID: 10073854  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-06-2016  
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130  
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.  
Violation Notes: Returned to compliance on 04/06/2016. Used oil filters were not labeled as such. Operator corrected immediately.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW

Map ID  
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Database(s)

EDR ID Number  
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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-09-2015  
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130  
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.  
Violation Notes: Returned to compliance on 04/09/2015. The most recent pick-up for used oil was not labeled. Operator corrected immediately.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-08-2014  
Citation: 23 CCR 16 2715 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715  
Violation Description: The owner/operator has failed to comply with one or more of the following: to maintain a copy of the designated operator monthly inspections for the last 12 months and/or maintain a list of trained employees on-site or off-site at a readily available location, if approved by the CUPA.  
Violation Notes: Returned to compliance on 04/23/2014.  
Violation Division: Gilroy City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-08-2014  
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections  
Violation Description: UST Program - Training - General  
Violation Notes: Returned to compliance on 04/23/2014. Maintain employee training records, due last month.  
Violation Division: Gilroy City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-08-2014  
Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections  
Violation Description: Haz Waste Generator Program - Training - General  
Violation Notes: Returned to compliance on 04/23/2014. Training program due last month, completed as soon as possible.  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-08-2014

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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Training - General  
Violation Notes: Returned to compliance on 09/29/2014. CERS program information needs to be completed.  
Violation Division: Gilroy City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-18-2019  
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.  
Violation Notes: Inventory, site and storage map, contingency plan and training plan were not submitted with the 2019 CERS submittal.  
Violation Division: Gilroy City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-05-2017  
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
Violation Description: Failure to label stationary hazardous waste tanks as "hazardous waste" and mark with an accumulation start date.  
Violation Notes: Returned to compliance on 04/05/2017. FIXED DURING INSPECTION  
Violation Division: Gilroy City Fire Department  
Violation Program: HW  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 04-18-2019  
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple  
Violation Description: UST Program -General - Must include violation description, proper statute and regulation citation in the "comment" section.  
Violation Notes: CCR 2716(e) UST operator and the owner or operator shall sign and date the report, acknowledging the identified compliance issues. Owner/operator failed to sign the DO report.  
Violation Division: Gilroy City Fire Department  
Violation Program: UST  
Violation Source: CERS

Site ID: 388861  
Site Name: California Highway Patrol  
Violation Date: 08-10-2017  
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)  
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).

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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Violation Notes: Returned to compliance on 08/10/2017. LINE FAILED TO PRESSURIZE. POSSIBLE REPAIRS NEEDED. SECOND ATTEMPT TO TEST. DID NOT MEET TESTING DATE, NOW OVERDUE.  
Violation Division: Gilroy City Fire Department  
Violation Program: UST  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-18-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-18-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-18-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Annual monitoring cert and overfill prevention device test  
Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-17-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Secondary containment testing performed today by Epic Compliance. The piping sump and piping secondary could not be tested today due to lack of appropriate connections. Reschedule the testing before the end of this month to avoid violations. The under dispenser containment was tested with the Caldwell accelerated tester and passed. Contact our office at least two working days prior to the rescheduled testing.  
Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-10-2017  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: SB 989-second attempt. Test could not be completed because line wouldn't hold pressure. Possible repair to be assessed.  
Eval Division: Gilroy City Fire Department  
Eval Program: UST



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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-13-2017  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: PIPING REPAIR/RESTEST FOR SECONDARY CONTAINMENT-ALL PASS  
Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-05-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-05-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-05-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-06-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-06-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

Map ID  
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EPA ID Number

**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Eval Date: 04-06-2016  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-08-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: CERS needs to be completed; employee training records needs to be maintained.  
Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-08-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Training needs to be completed.  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-08-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Update all CUPA program info into CERS.  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-09-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-09-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-09-2015  
Violations Found: Yes

Map ID  
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EPA ID Number

**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Gilroy City Fire Department  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-09-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Annual Monitoring Certification performed by EPIC Environmental. All tests pass.

Eval Division: Gilroy City Fire Department  
Eval Program: UST  
Eval Source: CERS

**Affiliation:**

Affiliation Type Desc: Document Preparer  
Entity Name: Beth DePaola  
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: 740 Renz Lane  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 95020  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: California Highway Patrol  
Entity Title: Not reported  
Affiliation Address: P. O. Box 942898  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94298  
Affiliation Phone: (916) 843-3800

Affiliation Type Desc: Operator  
Entity Name: California Highway Patrol  
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: (408) 848-2324

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**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Affiliation Type Desc: UST Permit Applicant  
Entity Name: Beth DePaola  
Entity Title: ABMA Tank Program, Facilities Section  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (916) 843-3800

Affiliation Type Desc: UST Property Owner Name  
Entity Name: Department of California Highway Patrol  
Entity Title: Not reported  
Affiliation Address: PO Box 942898  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 94298-0001  
Affiliation Phone: (916) 843-3800

Affiliation Type Desc: Environmental Contact  
Entity Name: Beth DePaola  
Entity Title: Not reported  
Affiliation Address: P. O. Box 942898  
Affiliation City: Sacramento  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 94298  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Department of California Highway Patrol  
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: UST Tank Operator  
Entity Name: California Highway Patrol Hollister-Gilroy #725  
Entity Title: Not reported  
Affiliation Address: 740 Renz Lane  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 95020  
Affiliation Phone: (408) 848-2324

Affiliation Type Desc: CUPA District  
Entity Name: Gilroy City Fire Department  
Entity Title: Not reported  
Affiliation Address: 7351 Rosanna Street  
Affiliation City: Gilroy  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
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 EPA ID Number

**CALIFORNIA HIGHWAY PATROL (Continued)**

**S106920266**

Affiliation Zip: 95020-6141  
 Affiliation Phone: (408) 846-0400

Affiliation Type Desc: Identification Signer  
 Entity Name: Beth DePaola  
 Entity Title: ABMA  
 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: UST Tank Owner  
 Entity Name: Department of California Highway Patrol  
 Entity Title: Not reported  
 Affiliation Address: PO Box 942898  
 Affiliation City: Sacramento  
 Affiliation State: CA  
 Affiliation Country: United States  
 Affiliation Zip: 94298-0001  
 Affiliation Phone: (916) 843-3800

**H27**  
**South**  
**1/4-1/2**  
**0.386 mi.**  
**2038 ft.**

**CHP GILROY/HOLLISTER**  
**740 RENZ LN**  
**GILROY, CA 95020**

**CA LUST S103881476**  
**CA HIST LUST N/A**

**Site 2 of 4 in cluster H**

**Relative:**  
**Lower**  
**Actual:**  
**189 ft.**

**LUST REG 3:**  
 Region: 3  
 Regional Board: Central Coast Region  
 Facility County: Santa Clara  
 Global ID: T0608500042  
 Status: Not reported  
 Case Number: 2864  
 Local Case Num: 11S4E05L01f  
 Case Type: U  
 Substance: Gasoline  
 Quantity: Not reported  
 Abatement Method: Not reported  
 Leak Source: Not reported  
 Leak Cause: Unknown  
 How Stopped: Not reported  
 How Discovered: OM  
 Release Date: 07/03/1997  
 Discovered Date: Not reported  
 Enter Date: / /  
 Stop Date: Not reported  
 Review Date: / /  
 Enforce Date: Not reported  
 Close Date: Not reported  
 Enforcement Type: Not reported  
 Responsible Party: Not reported  
 RP Address: Not reported  
 Contact: Not reported  
 Cross Street: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHP GILROY/HOLLISTER (Continued)**

**S103881476**

Local Agency: 43099L  
Lead Agency: Local Agency  
Staff Initials: AJM  
Confirm Leak: Not reported  
Workplan: Not reported  
Prelim Assess: Not reported  
Pollution Char: / /  
Remedial Plan: Not reported  
Remedial Action: Not reported  
Monitoring: / /  
Pilot Program: LUST  
Interim Action: Not reported  
Funding: Not reported  
MTBE Class: \*  
Max MTBE Grnd Wtr: Not reported  
Max MTBE Soil: Not reported  
Max MTBE Data: / /  
MTBE Tested: NT  
Lat/Long: 37.0044823 / -121.5562439  
Soil Qualifier: Not reported  
Grnd Wtr Qualifier: Not reported  
Mtbe Concentratn: 0  
Mtbe Fuel: 1  
Org Name: Not reported  
Basin Plan: Not reported  
Beneficial: MUN  
Priority: Not reported  
UST Cleanup Fund ID: Not reported  
Suspended: Not reported  
Operator: Not reported  
Water System: CITY OF GILROY  
Well Name: WELL 08A  
Distance From Well: 0  
Assigned Name: 11S/04E-05C01 M  
Summary: Not reported

**HIST LUST SANTA CLARA:**

Name: CHP Gilroy/Hollister  
Address: 740 Renz Ln  
City: Gilroy  
Region: SANTA CLARA  
Region Code: 3  
SCVWD ID: 11S4E05L01  
Oversite Agency: GFD  
Date Listed: 1997-10-22 00:00:00  
Closed Date: 1998-01-05 00:00:00

**H28**  
**South**  
**1/4-1/2**  
**0.406 mi.**  
**2142 ft.**

**SOUTH BAY CHEMICAL COMPANY IN**  
**731 RENZ LANE**  
**GILROY, CA 95020**  
**Site 3 of 4 in cluster H**

**CA ENVIROSTOR** **S103967448**  
**CA HIST UST** **N/A**  
**CA EMI**  
**CA CERS**

**Relative:**  
**Lower**  
**Actual:**  
**189 ft.**

**ENVIROSTOR:**  
Name: SOUTH BAY CHEMICAL CO INC  
Address: 731 RENZ LN  
City,State,Zip: GILROY, CA 950200000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL COMPANY IN (Continued)**

**S103967448**

Facility ID: 80001324  
Status: Inactive - Needs Evaluation  
Status Date: 06/26/2009  
Site Code: Not reported  
Site Type: Corrective Action  
Site Type Detailed: Corrective Action  
Acres: 0  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: WM  
Program Manager: Not reported  
Supervisor: Mark Piros  
Division Branch: Cleanup Berkeley  
Assembly: 30  
Senate: 17  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 37.00571  
Longitude: -121.5566  
APN: 841-10-058  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 841-10-058  
Alias Type: APN  
Alias Name: CAD000628149  
Alias Type: EPA Identification Number  
Alias Name: 43490062  
Alias Type: Envirostor ID Number  
Alias Name: 80001324  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: RCRA Facility Assessment Report  
Completed Date: 06/30/1993  
Comments: RCRA Facility Assessment Completed, aka: Haz Control

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Interim Measures Questionnaire  
Completed Date: 09/21/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Historical Operating Permit Authority  
Completed Date: 07/13/1984  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 05/14/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL COMPANY IN (Continued)**

**S103967448**

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

**HIST UST:**

Name: SOUTH BAY CHEMICAL COMPANY IN  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
File Number: 00020916  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020916.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported  
  
Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

Click here for Geo Tracker PDF:

**EMI:**

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 950200000  
Year: 2006  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .001  
Reactive Organic Gases Tons/Yr: .0008367  
Carbon Monoxide Emissions Tons/Yr: .003



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL COMPANY IN (Continued)**

**S103967448**

NOX - Oxides of Nitrogen Tons/Yr: .019  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .001  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.000976

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 950200000  
Year: 2007  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .001  
Reactive Organic Gases Tons/Yr: .0008367  
Carbon Monoxide Emissions Tons/Yr: .003  
NOX - Oxides of Nitrogen Tons/Yr: .019  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .001  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.000976

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2008  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA 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: .001  
NOX - Oxides of Nitrogen Tons/Yr: .007  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2009  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL COMPANY IN (Continued)**

**S103967448**

Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 7.000000000000001E-3  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2010  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA 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: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 7.000000000000001E-3  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2011  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA 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: 0.001  
NOX - Oxides of Nitrogen Tons/Yr: 0.007  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2012  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL COMPANY IN (Continued)**

**S103967448**

Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 0.0008367  
Carbon Monoxide Emissions Tons/Yr: 0.003  
NOX - Oxides of Nitrogen Tons/Yr: 0.015  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0.0010245901639  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.001

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2013  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.001  
Reactive Organic Gases Tons/Yr: 0.0008367  
Carbon Monoxide Emissions Tons/Yr: 0.003  
NOX - Oxides of Nitrogen Tons/Yr: 0.015  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0.001  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.001

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2014  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.00031932  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0.000911454  
NOX - Oxides of Nitrogen Tons/Yr: 0.005547173  
SOX - Oxides of Sulphur Tons/Yr: 6.742e-006  
Particulate Matter Tons/Yr: 0.000228913  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000219756

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2015  
County Code: 43  
Air Basin: SF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL COMPANY IN (Continued)**

**S103967448**

Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.00031932  
Reactive Organic Gases Tons/Yr: 0.000291665  
Carbon Monoxide Emissions Tons/Yr: 0.000911454  
NOX - Oxides of Nitrogen Tons/Yr: 0.005547173  
SOX - Oxides of Sulphur Tons/Yr: 6.742e-006  
Particulate Matter Tons/Yr: 0.000228913  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000219756

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Year: 2016  
County Code: 43  
Air Basin: SF  
Facility ID: 17025  
Air District Name: BA  
SIC Code: 4812  
Air District Name: BAY AREA AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.00031932  
Reactive Organic Gases Tons/Yr: 0.00028052262  
Carbon Monoxide Emissions Tons/Yr: 0.000911454  
NOX - Oxides of Nitrogen Tons/Yr: 0.005547173  
SOX - Oxides of Sulphur Tons/Yr: 6.742e-006  
Particulate Matter Tons/Yr: 0.000228913  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.000219756

**CERS:**

Name: VERIZON WIRELESS (GILROY)  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Site ID: 502899  
CERS ID: 110054237759  
CERS Description: US EPA Air Emission Inventory System (EIS)

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: NETWORK OPR CONTRL CTR  
Entity Title: NOCC  
Affiliation Address: 255 PARKSHORE DRIVE  
Affiliation City: FOLSOM  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact  
Entity Name: ENVIR COMPLIANCE  
Entity Title: ENVIRONMENTAL CONTACT  
Affiliation Address: 255 PARKSHORE DRIVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL COMPANY IN (Continued)**

**S103967448**

Affiliation City: FOLSOM  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner  
Entity Name: VERIZON WIRELESS  
Entity Title: OWNER  
Affiliation Address: 255 PARKSHORE DRIVE  
Affiliation City: FOLSOM  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: VERIZON WIRELESS  
Entity Title: OPERATOR  
Affiliation Address: 255 PARKSHORE DRIVE  
Affiliation City: FOLSOM  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**H29**  
**South**  
**1/4-1/2**  
**0.406 mi.**  
**2142 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**189 ft.**

**SOUTH BAY CHEMICAL CO, INC**  
**731 RENZ LANE**  
**GILROY, CA 95020**  
**Site 4 of 4 in cluster H**

**CA SWEEPS UST** 1000404997  
**CA HIST UST** CAD061215042  
**CA FID UST**  
**RCRA NonGen / NLR**  
**CA HWP**  
**CA CERS**

**SWEEPS UST:**  
Name: SOUTH BAY CHEMICAL COMPANY IN  
Address: 731 RENZ LN  
City: GILROY  
Status: Active  
Comp Number: 6081  
Number: 9  
Board Of Equalization: 44-025834  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: D-1  
SWRCB Tank Id: 43-002-006081-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 4

Name: SOUTH BAY CHEMICAL COMPANY IN  
Address: 731 RENZ LN  
City: GILROY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL CO, INC (Continued)**

**1000404997**

Status: Active  
Comp Number: 6081  
Number: 9  
Board Of Equalization: 44-025834  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: D-2  
SWRCB Tank Id: 43-002-006081-000002  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: SOUTH BAY CHEMICAL COMPANY IN  
Address: 731 RENZ LN  
City: GILROY  
Status: Active  
Comp Number: 6081  
Number: 9  
Board Of Equalization: 44-025834  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: D-3  
SWRCB Tank Id: 43-002-006081-000003  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: SOUTH BAY CHEMICAL COMPANY IN  
Address: 731 RENZ LN  
City: GILROY  
Status: Active  
Comp Number: 6081  
Number: 9  
Board Of Equalization: 44-025834  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: F-4  
SWRCB Tank Id: 43-002-006081-000004  
Tank Status: A  
Capacity: Not reported  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL CO, INC (Continued)**

**1000404997**

HIST UST:

Name: SOUTH BAY CHEMICAL COMPANY, IN  
Address: 731 RENZ LN  
City,State,Zip: GILROY, CA 95020  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000006081  
Facility Type: Other  
Other Type: Not reported  
Contact Name: M. E. NIELSEN  
Telephone: 4088481470  
Owner Name: SOUTH BAY CHEMICAL COMPANY, IN  
Owner Address: 731 RENZ LANE  
Owner City,St,Zip: GILROY, CA 95020  
Total Tanks: 0004

Tank Num: 001  
Container Num: D-1  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: D-2  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: D-3  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: F-4  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

CA FID UST:

Facility ID: 43006279  
Regulated By: UTNKA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL CO, INC (Continued)**

**1000404997**

Regulated ID: 00006081  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4088481470  
Mail To: Not reported  
Mailing Address: P O BOX  
Mailing Address 2: Not reported  
Mailing City,St,Zip: GILROY 95020  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

RCRA NonGen / NLR:

Date form received by agency: 03/03/1986  
Facility name: SOUTH BAY CHEMICAL CO, INC  
Facility address: 731 RENZ LANE  
GILROY, CA 95020  
EPA ID: CAD061215042  
Mailing address: 400 CALIFORNIA STREET  
SAN FRANCISCO, CA 94104  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 731 RENZ LANE  
GILROY, CA 95020  
Contact country: US  
Contact telephone: 415-765-2550  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: L C SMITH TRUST  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
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  
Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL CO, INC (Continued)**

**1000404997**

Legal status: Private  
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: 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

Violation Status: No violations found

HWP:

Name: SOUTH BAY CHEMICAL CO INC  
Address: 731 RENZ LN  
City,State,Zip: GILROY, CA 950200000  
EPA Id: CAD000628149  
Cleanup Status: CLOSED  
Latitude: 37.00571  
Longitude: -121.5566  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 30  
Senate District: 17  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Activities:

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: ACIDTRT1, F006BIN1, FLAMABLE1  
Event Description: Renewal - Historical - FINAL PERMIT RENEWAL - WITHDRAWAL REQUEST RECEIVED  
Actual Date: 11/01/1993

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: ACIDTRT1, F006BIN1, FLAMABLE1  
Event Description: Renewal - Historical - CALL-IN LETTER ISSUED  
Actual Date: 09/26/1988

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL CO, INC (Continued)**

**1000404997**

Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED  
Actual Date: 11/01/1993

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: ACIDTRT1, F006BIN1, FLAMABLE1  
Event Description: Renewal - Historical - APPLICATION PART B RECEIVED  
Actual Date: 06/01/1989

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1  
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)  
Actual Date: 06/13/1989

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1  
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)  
Actual Date: 06/13/1984

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1  
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)  
Actual Date: 03/16/1984

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1  
Event Description: New Operating Permit - APPLICATION PART A RECEIVED  
Actual Date: 02/11/1991

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1  
Event Description: New Operating Permit - FINAL PERMIT  
Actual Date: 06/13/1984

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1  
Event Description: New Operating Permit - APPLICATION PART B RECEIVED  
Actual Date: 08/08/1983

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: ACIDTRT1, F006BIN1, FLAMABLE1  
Event Description: Renewal - Historical - APPLICATION PART A RECEIVED  
Actual Date: 02/11/1991

Closure:  
EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: ACIDTRT1, CONTAIN1, F006BIN1, FLAMABLE1  
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION  
Actual Date: 05/17/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOUTH BAY CHEMICAL CO, INC (Continued)**

**1000404997**

EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Unit Names: ACIDTRT1, CONTAIN1, F006BIN1, FLAMABLE1  
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION  
Actual Date: 06/06/1995

Alias:  
EPA Id: CAD000628149  
Facility Type: Historical - Non-Operating  
Alias Type: Envirostor ID Number  
Alias: 43490062

CERS:  
Name: SOUTH BAY CHEMICAL CO INC  
Address: 731 RENZ LN  
City,State,Zip: GILROY, CA 950200000  
Site ID: 249258  
CERS ID: CAD000628149  
CERS Description: Hazardous Waste

Affiliation:  
Affiliation Type Desc: Facility Contact  
Entity Name: MELVIN NIELSEN, PRESIDENT  
Entity Title: Not reported  
Affiliation Address: INACTIVE PER VQ97 - DJC  
Affiliation City: GILROY  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 950200000  
Affiliation Phone: 4088481470

Affiliation Type Desc: Facility Owner  
Entity Name: MELVIN E NIELSEN, PRES  
Entity Title: Not reported  
Affiliation Address: --  
Affiliation City: --  
Affiliation State: 99  
Affiliation Country: Not reported  
Affiliation Zip: --  
Affiliation Phone: 0000000000

**I30  
NW  
1/4-1/2  
0.412 mi.  
2173 ft.**

**UNION OIL SS #6230  
601 LEAVESLEY RD  
GILROY, CA 95020  
Site 1 of 3 in cluster I**

**CA LUST 1000167366  
CA SWEEPS UST N/A  
CA HIST UST  
CA FID UST  
CA HIST CORTESE**

**Relative:  
Higher  
Actual:  
203 ft.**

LUST:  
Name: UNOCAL  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA 95020  
Lead Agency: SANTA CLARA COUNTY LOP  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0608564185](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608564185)  
Global Id: T0608564185

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS #6230 (Continued)**

**1000167366**

Latitude: 37.023478  
Longitude: -121.564577  
Status: Completed - Case Closed  
Status Date: 07/13/2004  
Case Worker: UST  
RB Case Number: Not reported  
Local Agency: SANTA CLARA COUNTY LOP  
File Location: All Files are on GeoTracker or in the Local Agency Database  
Local Case Number: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T0608564185  
Contact Type: Regional Board Caseworker  
Contact Name: Regional Water Board  
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)  
Address: 1515 CLAY ST SUITE 1400  
City: OAKLAND  
Email: Not reported  
Phone Number: Not reported

Global Id: T0608564185  
Contact Type: Local Agency Caseworker  
Contact Name: UST CASE WORKER  
Organization Name: SANTA CLARA COUNTY LOP  
Address: 1555 Berger Drive, Suite 300  
City: SAN JOSE  
Email: Not reported  
Phone Number: 4089183400

LUST:

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 04/15/2002  
Action: Other Report / Document

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 01/16/2003  
Action: Monitoring Report - Quarterly

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 03/26/2004  
Action: Request for Closure

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Other Report / Document

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 09/13/2004  
Action: Well Destruction Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS #6230 (Continued)**

**1000167366**

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 02/24/2003  
Action: Well Installation Report

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 01/01/2001  
Action: Correspondence

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 06/04/1999  
Action: Soil and Water Investigation Report

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 04/17/2002  
Action: Other Workplan

Global Id: T0608564185  
Action Type: RESPONSE  
Date: 06/03/2005  
Action: Other Report / Document

Global Id: T0608564185  
Action Type: Other  
Date: 06/04/1999  
Action: Leak Reported

**LUST:**

Global Id: T0608564185  
Status: Open - Case Begin Date  
Status Date: 06/04/1999

Global Id: T0608564185  
Status: Open - Site Assessment  
Status Date: 06/04/1999

Global Id: T0608564185  
Status: Completed - Case Closed  
Status Date: 07/13/2004

Name: UNOCAL #6230  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA 95020  
Lead Agency: SANTA CLARA COUNTY LOP  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0608533331](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0608533331)  
Global Id: T0608533331  
Latitude: 37.023478  
Longitude: -121.564577  
Status: Completed - Case Closed  
Status Date: 06/13/1997  
Case Worker: Not reported  
RB Case Number: 839

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS #6230 (Continued)**

**1000167366**

Local Agency: Not reported  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Not reported  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T0608533331  
Action Type: RESPONSE  
Date: 06/13/1997  
Action: Other Report / Document

Global Id: T0608533331  
Action Type: ENFORCEMENT  
Date: 12/03/1990  
Action: Staff Letter

Global Id: T0608533331  
Action Type: ENFORCEMENT  
Date: 06/13/1997  
Action: Closure/No Further Action Letter

Global Id: T0608533331  
Action Type: REMEDIATION  
Date: 04/18/1989  
Action: Excavation

Global Id: T0608533331  
Action Type: Other  
Date: 01/02/1965  
Action: Leak Reported

LUST:

Global Id: T0608533331  
Status: Open - Case Begin Date  
Status Date: 04/18/1989

Global Id: T0608533331  
Status: Open - Remediation  
Status Date: 04/18/1989

Global Id: T0608533331  
Status: Open - Site Assessment  
Status Date: 08/15/1989

Global Id: T0608533331  
Status: Completed - Case Closed  
Status Date: 06/13/1997

LUST SANTA CLARA:

Name: UNOCAL #6230  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA  
Region: SANTA CLARA  
SCVWD ID: 10S4E31H01F

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS #6230 (Continued)**

**1000167366**

Date Closed: 06/13/1997  
EDR Link ID: 10S4E31H01F

Name: UNOCAL  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA  
Region: SANTA CLARA  
SCVWD ID: 10S4E32H02F  
Date Closed: 07/13/2004  
EDR Link ID: 10S4E32H02F

**SWEEPS UST:**

Name: UNION OIL SS #6230  
Address: 601 LEAVESLEY RD  
City: GILROY  
Status: Active  
Comp Number: 30626  
Number: 9  
Board Of Equalization: 44-000051  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 6230-1-1  
SWRCB Tank Id: 43-002-030626-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 4

Name: UNION OIL SS #6230  
Address: 601 LEAVESLEY RD  
City: GILROY  
Status: Active  
Comp Number: 30626  
Number: 9  
Board Of Equalization: 44-000051  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 6230-2-1  
SWRCB Tank Id: 43-002-030626-000002  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Name: UNION OIL SS #6230  
Address: 601 LEAVESLEY RD  
City: GILROY  
Status: Active  
Comp Number: 30626

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS #6230 (Continued)**

**1000167366**

Number: 9  
Board Of Equalization: 44-000051  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 6230-3-1  
SWRCB Tank Id: 43-002-030626-000003  
Tank Status: A  
Capacity: 10000  
Active Date: 07-01-85  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Name: UNION OIL SS #6230  
Address: 601 LEAVESLEY RD  
City: GILROY  
Status: Active  
Comp Number: 30626  
Number: 9  
Board Of Equalization: 44-000051  
Referral Date: 07-01-85  
Action Date: Not reported  
Created Date: 02-29-88  
Owner Tank Id: 6230-4-1  
SWRCB Tank Id: 43-002-030626-000004  
Tank Status: A  
Capacity: 550  
Active Date: 07-01-85  
Tank Use: OIL  
STG: W  
Content: WASTE OIL  
Number Of Tanks: Not reported

**HIST UST:**

Name: UNION OIL SS 6230  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA 95020  
File Number: 00020A4D  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020A4D.pdf>  
Region: STATE  
Facility ID: 00000030626  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: NOAH W. TOLLISON  
Telephone: 4088425206  
Owner Name: UNION OIL CO.  
Owner Address: 1 CALIFORNIA ST. SUITE 2700  
Owner City,St,Zip: SAN FRANCISCO, CA 94111  
Total Tanks: 0004

Tank Num: 001  
Container Num: 6230-1-1  
Year Installed: 1979  
Tank Capacity: 00010000  
Tank Used for: PRODUCT



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS #6230 (Continued)**

**1000167366**

Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 6230-2-1  
Year Installed: 1979  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 6230-3-1  
Year Installed: 1979  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 6230-4-1  
Year Installed: Not reported  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

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**CA FID UST:**

Facility ID: 43001559  
Regulated By: UTNKA  
Regulated ID: 00030626  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 4088425206  
Mail To: Not reported  
Mailing Address: 601 LEAVESLEY RD  
Mailing Address 2: Not reported  
Mailing City,St,Zip: GILROY 95020  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**HIST CORTESE:**

edr\_fname: UNOCAL/AUTO CLINIC SS #62  
edr\_fadd1: 601 LEAVESLEY  
City,State,Zip: GILROY, CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNION OIL SS #6230 (Continued)**

**1000167366**

Region: CORTESE  
Facility County Code: 43  
Reg By: LTNKA  
Reg Id: 839

**I31  
NW  
1/4-1/2  
0.412 mi.  
2173 ft.**

**UNOCAL  
601 LEAVESLEY RD  
GILROY, CA 95020**  
  
**Site 2 of 3 in cluster I**

**CA LUST S105512820  
CA HIST LUST N/A  
CA CERS**

**Relative:  
Higher  
Actual:  
203 ft.**

LUST REG 2:  
Region: 2  
Facility Id: Not reported  
Facility Status: Case Closed  
Case Number: 10S4E32H02f  
How Discovered: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Date Leak Confirmed: Not reported  
Oversight Program: LUST  
Prelim. Site Assessment Wokplan Submitted: Not reported  
Preliminary Site Assessment Began: 6/4/1999  
Pollution Characterization Began: 6/4/1999  
Pollution Remediation Plan Submitted: Not reported  
Date Remediation Action Underway: Not reported  
Date Post Remedial Action Monitoring Began: Not reported

**HIST LUST SANTA CLARA:**

Name: Unocal  
Address: 601 Leavesley Rd  
City: Gilroy  
Region: SANTA CLARA  
Region Code: 3  
SCVWD ID: 10S4E32H02  
Oversite Agency: SCVWD  
Date Listed: 1999-09-28 00:00:00  
Closed Date: 2004-07-13 00:00:00

**CERS:**

Name: UNOCAL  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA 95020  
Site ID: 188498  
CERS ID: T0608564185  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**Affiliation:**

Affiliation Type Desc: Local Agency Caseworker  
Entity Name: UST CASE WORKER - SANTA CLARA COUNTY LOP  
Entity Title: Not reported  
Affiliation Address: 1555 Berger Drive, Suite 300  
Affiliation City: SAN JOSE  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 4089183400

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL (Continued)**

**S105512820**

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)  
Entity Title: Not reported  
Affiliation Address: 1515 CLAY ST SUITE 1400  
Affiliation City: OAKLAND  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**I32  
NW  
1/4-1/2  
0.412 mi.  
2173 ft.**

**UNOCAL #6230  
601 LEAVESLEY RD  
GILROY, CA 95020  
Site 3 of 3 in cluster I**

**CA LUST S103881461  
CA HIST LUST N/A  
CA HIST UST  
CA CUPA Listings  
CA CERS**

**Relative:  
Higher  
Actual:  
203 ft.**

LUST REG 3:  
Region: 3  
Regional Board: Central Coast Region  
Facility County: Santa Clara  
Global ID: T0608502206  
Status: Case Closed  
Case Number: 839  
Local Case Num: 10S4E31H01f  
Case Type: O  
Substance: Gasoline  
Quantity: Not reported  
Abatement Method: Not reported  
Leak Source: Piping  
Leak Cause: Spill  
How Stopped: Not reported  
How Discovered: OM  
Release Date: 10/24/1988  
Discovered Date: Not reported  
Enter Date: / /  
Stop Date: 4/30/90  
Review Date: / /  
Enforce Date: Not reported  
Close Date: 6/13/97  
Enforcement Type: SEL  
Responsible Party: Not reported  
RP Address: Not reported  
Contact: Not reported  
Cross Street: Not reported  
Local Agency: 43099L  
Lead Agency: Local Agency  
Staff Initials: JHM  
Confirm Leak: Not reported  
Workplan: Not reported  
Prelim Assess: 8/15/89  
Pollution Char: / /  
Remedial Plan: Not reported  
Remedial Action: Not reported  
Monitoring: / /  
Pilot Program: LUST  
Interim Action: Not reported  
Funding: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL #6230 (Continued)**

**S103881461**

MTBE Class: Not reported  
Max MTBE Grnd Wtr: 1  
Max MTBE Soil: Not reported  
Max MTBE Data: 10/30/1996  
MTBE Tested: YES  
Lat/Long: 37.0235558 / -121.5647049  
Soil Qualifier: Not reported  
Grnd Wtr Qualifier: =  
Mtbe Concentratn: 1  
Mtbe Fuel: 1  
Org Name: Not reported  
Basin Plan: Not reported  
Beneficial: MUN  
Priority: Not reported  
UST Cleanup Fund ID: Not reported  
Suspended: Not reported  
Operator: Not reported  
Water System: CITY OF GILROY  
Well Name: WELL 07  
Distance From Well: 0  
Assigned Name: 10S/04E-32N02 M  
Summary: Not reported

**HIST LUST SANTA CLARA:**

Name: Unocal #6230  
Address: 601 Leavesley Rd  
City: Gilroy  
Region: SANTA CLARA  
Region Code: 3  
SCVWD ID: 10S4E31H01  
Oversite Agency: SCVWD  
Date Listed: 1989-01-01 00:00:00  
Closed Date: 1997-06-13 00:00:00

**HIST UST:**

Name: UNION OIL SS 6230  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA 95020  
File Number: 00020A05  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00020A05.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported  
  
Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNOCAL #6230 (Continued)**

**S103881461**

Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

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**CUPA SANTA CLARA:**

Name: UNOCAL #6230  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA 95020  
Region: SANTA CLARA  
PE#: 2205  
Program Description: GENERATES 100 KG YR TO <5 TONS/YR  
Latitude: 37.023263  
Longitude: -121.564788  
Record ID: PR0312961  
Facility ID: FA0201224

**CERS:**

Name: UNOCAL #6230  
Address: 601 LEAVESLEY RD  
City,State,Zip: GILROY, CA 95020  
Site ID: 240017  
CERS ID: T0608533331  
CERS Description: Leaking Underground Storage Tank Cleanup Site

**J33**  
**South**  
**1/4-1/2**  
**0.436 mi.**  
**2301 ft.**

**SOUTH BAY CHEMICAL COMPANY**  
**721-731 RENZ LANE**  
**GILROY, CA 95020**

**CA ENVIROSTOR** **S102860959**  
**N/A**

**Site 1 of 2 in cluster J**

**Relative:**  
**Lower**

**ENVIROSTOR:**  
Name: SOUTH BAY CHEMICAL COMPANY  
Address: 721-731 RENZ LANE  
City,State,Zip: GILROY, CA 95020  
Facility ID: 43490062  
Status: Refer: RCRA  
Status Date: 06/08/1994  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Berkeley  
Assembly: 30  
Senate: 17  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 37.00638  
Longitude: -121.5566

**Actual:**  
**188 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SOUTH BAY CHEMICAL COMPANY (Continued)**

**S102860959**

APN: 841-10-019  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: HAZCONTROL, INC  
 Alias Type: Alternate Name  
 Alias Name: 841-10-019  
 Alias Type: APN  
 Alias Name: CAD000628149  
 Alias Type: EPA Identification Number  
 Alias Name: 43490062  
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: \* Discovery  
 Completed Date: 04/30/1990  
 Comments: FACILITY IDENTIFIED IDENTIFIED VIA FIT ENVIRONMENTAL PRIOR-ITIES INITIATIVE PA

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

**J34**  
**South**  
**1/4-1/2**  
**0.436 mi.**  
**2301 ft.**

**HAZCONTROL INC.**  
**731 RENZ LANE**  
**GILROY, CA 95021**  
**Site 2 of 2 in cluster J**

**SEMS-ARCHIVE** **1000180077**  
**CORRACTS** **CAD000628149**  
**RCRA-TSDF**  
**RCRA-SQG**  
**NY MANIFEST**

**Relative:**  
**Lower**  
**Actual:**  
**188 ft.**

SEMS Archive:  
 Site ID: 0900266  
 EPA ID: CAD000628149  
 Cong District: 12  
 FIPS Code: 06085  
 FF: N  
 NPL: Not on the NPL  
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09  
 Site ID: 0900266  
 EPA ID: CAD000628149  
 Site Name: SOUTH BAY CHEMICAL CO  
 NPL: N  
 FF: N  
 OU: 00  
 Action Code: DS  
 Action Name: DISCVRY  
 SEQ: 1  
 Start Date: 1989-11-07 05:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Finish Date: 1989-11-07 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0900266  
EPA ID: CAD000628149  
Site Name: SOUTH BAY CHEMICAL CO  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1996-01-23 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 09  
Site ID: 0900266  
EPA ID: CAD000628149  
Site Name: SOUTH BAY CHEMICAL CO  
NPL: N  
FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1990-05-14 04:00:00  
Qual: D  
Current Action Lead: EPA Perf

**CORRACTS:**

EPA ID: CAD000628149  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19940921  
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority  
NAICS Code(s): 48411 561499 541611  
General Freight Trucking, Local  
All Other Business Support Services  
Administrative Management and General Management Consulting Services  
Original schedule date: Not reported  
Schedule end date: Not reported

EPA ID: CAD000628149  
EPA Region: 09  
Area Name: ENTIRE FACILITY  
Actual Date: 19900514  
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority  
NAICS Code(s): 48411 561499 541611  
General Freight Trucking, Local

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

All Other Business Support Services  
Administrative Management and General Management Consulting Services

Original schedule date: Not reported  
Schedule end date: Not reported

**RCRA-TSDF:**

Date form received by agency: 09/01/1996  
Facility name: HAZCONTROL INC.  
Facility address: 731 RENZ LANE  
GILROY, CA 95021  
EPA ID: CAD000628149  
Mailing address: P O BOX 1626  
GILROY, CA 95021  
Contact: Not reported  
Contact address: Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: TSDF  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

**Owner/Operator Summary:**

Owner/operator name: MELVIN E NEILSEN  
Owner/operator address: PO BOX 1626  
GILROY, CA 95021  
Owner/operator country: Not reported  
Owner/operator telephone: 408-848-1470  
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: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MELVIN E NIELSEN  
Owner/operator address: PO BOX 1626  
GILROY, CA 95021  
Owner/operator country: Not reported  
Owner/operator telephone: 408-848-1470  
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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

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

Historical Generators:

Date form received by agency: 09/01/1996  
Site name: HAZCONTROL INC.  
Classification: Small Quantity Generator

Date form received by agency: 04/01/1992  
Site name: HAZ/CONTROL, INC.  
Classification: Large Quantity Generator

Date form received by agency: 08/31/1990  
Site name: HAZCONTROL INC.  
Classification: Not a generator, verified

Date form received by agency: 04/12/1990  
Site name: HAZ CONTROL/SOUTH BAY CHEMICALS CO  
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 05/14/1990  
Event: LEAD AGENCY DETERMINATION

Event date: 05/14/1990  
Event: NCAPS RANKING/PRIORITY

Event date: 05/14/1990  
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 05/14/1990  
Event: PA OR CERCLA INSPECTION

Event date: 06/30/1993  
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 09/21/1994  
Event: CA PRIORITIZATION-MEDIUM CA PRIORITY

Event date: 09/21/1994  
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: Not reported  
Event: RFA NEED BY ANOTHER AGCY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: TSD - General Facility Standards  
Date violation determined: 09/14/1993  
Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/14/1993  
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: TSD - Financial Requirements  
Date violation determined: 09/14/1993  
Date achieved compliance: 01/14/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/14/1993  
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: TSD - Container Use and Management  
Date violation determined: 09/14/1993  
Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/14/1993  
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: Permits - Application  
Date violation determined: 07/29/1993  
Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/29/1993  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 07/29/1993  
Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/29/1993  
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: TSD - Financial Requirements  
Date violation determined: 11/20/1992  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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 - Manifest  
Date violation determined: 11/18/1992  
Date achieved compliance: 07/29/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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: 11/18/1992  
Date achieved compliance: 11/18/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Area of violation: TSD - General  
Date violation determined: 11/18/1992  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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: TSD - Financial Requirements  
Date violation determined: 08/20/1992  
Date achieved compliance: 01/05/1993  
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 - Financial Requirements  
Date violation determined: 09/18/1991  
Date achieved compliance: 01/05/1993  
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 - General  
Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/30/1991  
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: TSD - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
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: Not reported  
Area of violation: TSD - General  
Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - General  
Date violation determined: 06/01/1990  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/03/1990  
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: TSD - General  
Date violation determined: 06/01/1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 08/03/1990  
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: TSD - General  
Date violation determined: 06/01/1990  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 06/01/1990  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 08/11/1989  
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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/11/1989  
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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/19/1987  
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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 11/16/1988  
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: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Enforcement action date: 10/15/1990  
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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 11/16/1988  
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: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/08/1988

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

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: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/08/1988  
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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 11/16/1988  
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

Evaluation Action Summary:  
Evaluation date: 06/20/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General Facility Standards  
Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Container Use and Management

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Permits - Application  
Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/14/1994  
Evaluation lead agency: State

Evaluation date: 01/05/1993  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 07/29/1993  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 11/18/1992  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 11/16/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/20/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: EPA Contractor/Grantee

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Evaluation date: 09/18/1991  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 03/28/1991  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/28/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 06/01/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 05/14/1990  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/28/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 05/09/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/18/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 06/28/1989  
Evaluation lead agency: State

Evaluation date: 05/05/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 06/28/1989  
Evaluation lead agency: State

Evaluation date: 05/05/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

RCRA-SQG:

Date form received by agency: 09/01/1996  
Facility name: HAZCONTROL INC.  
Facility address: 731 RENZ LANE  
GILROY, CA 95021  
EPA ID: CAD000628149  
Mailing address: P O BOX 1626  
GILROY, CA 95021  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
Contact email: Not reported  
EPA Region: 09  
Land type: Facility is not located on Indian land. Additional information is not known.  
Classification: TSD  
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name: MELVIN E NEILSEN  
Owner/operator address: PO BOX 1626  
GILROY, CA 95021  
Owner/operator country: Not reported  
Owner/operator telephone: 408-848-1470  
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: Not reported  
Owner/Op end date: Not reported

Owner/operator name: MELVIN E NIELSEN  
Owner/operator address: PO BOX 1626  
GILROY, CA 95021  
Owner/operator country: Not reported  
Owner/operator telephone: 408-848-1470  
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: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

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: 09/01/1996  
Site name: HAZCONTROL INC.  
Classification: Small Quantity Generator

Date form received by agency: 04/01/1992  
Site name: HAZ/CONTROL, INC.  
Classification: Large Quantity Generator

Date form received by agency: 08/31/1990  
Site name: HAZCONTROL INC.  
Classification: Not a generator, verified

Date form received by agency: 04/12/1990  
Site name: HAZ CONTROL/SOUTH BAY CHEMICALS CO  
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 05/14/1990  
Event: LEAD AGENCY DETERMINATION

Event date: 05/14/1990  
Event: NCAPS RANKING/PRIORITY

Event date: 05/14/1990  
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 05/14/1990  
Event: PA OR CERCLA INSPECTION

Event date: 06/30/1993  
Event: RFA COMPLETED-ASSESSMENT WAS A RFA

Event date: 09/21/1994  
Event: CA PRIORITIZATION-MEDIUM CA PRIORITY

Event date: 09/21/1994  
Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Event date: Not reported  
Event: RFA NEED BY ANOTHER AGCY

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: TSD - General Facility Standards

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Date violation determined: 09/14/1993  
Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/14/1993  
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: TSD - Financial Requirements  
Date violation determined: 09/14/1993  
Date achieved compliance: 01/14/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/14/1993  
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: TSD - Container Use and Management  
Date violation determined: 09/14/1993  
Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 09/14/1993  
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: Permits - Application  
Date violation determined: 07/29/1993  
Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/29/1993  
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: 07/29/1993

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Date achieved compliance: 01/01/1994  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 07/29/1993  
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: TSD - Financial Requirements  
Date violation determined: 11/20/1992  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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 - Manifest  
Date violation determined: 11/18/1992  
Date achieved compliance: 07/29/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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: 11/18/1992  
Date achieved compliance: 11/18/1992  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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: TSD - General  
Date violation determined: 11/18/1992  
Date achieved compliance: 01/05/1993



Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/19/1993  
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: TSD - Financial Requirements  
Date violation determined: 08/20/1992  
Date achieved compliance: 01/05/1993  
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 - Financial Requirements  
Date violation determined: 09/18/1991  
Date achieved compliance: 01/05/1993  
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 - General  
Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 04/30/1991  
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: TSD - General  
Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
Violation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

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 - General  
Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 03/28/1991  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - General  
Date violation determined: 06/01/1990  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/03/1990  
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: TSD - General  
Date violation determined: 06/01/1990  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Enforcement action date: 08/03/1990  
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: TSD - General  
Date violation determined: 06/01/1990  
Date achieved compliance: 01/05/1993  
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 06/01/1990  
Date achieved compliance: 01/05/1993  
Violation lead agency: State

Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993  
Violation lead agency: State

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993  
Violation lead agency: State

Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 08/11/1989

Map ID  
Direction  
Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/11/1989  
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: TSD - General  
Date violation determined: 06/28/1989  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
Enf. disposition status: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 08/19/1987  
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: TSD - Financial Requirements  
Date violation determined: 08/18/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 11/16/1988  
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: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY  
Enforcement action date: 10/15/1990  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported

Map ID  
Direction  
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Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 11/16/1988  
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: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT  
Enforcement action date: 09/24/1991  
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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/08/1988  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: TSD - General  
Date violation determined: 05/05/1987  
Date achieved compliance: 01/05/1993  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/08/1988  
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: TSD - Closure/Post-Closure  
Date violation determined: 05/05/1987  
Date achieved compliance: 06/28/1989  
Violation lead agency: State  
Enforcement action: REFERRAL TO ATTORNEY GENERAL  
Enforcement action date: 11/16/1988  
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

Evaluation Action Summary:  
Evaluation date: 06/20/1995  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General Facility Standards  
Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Container Use and Management  
Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Permits - Application  
Date achieved compliance: 01/01/1994  
Evaluation lead agency: State

Evaluation date: 07/29/1993  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/14/1994  
Evaluation lead agency: State

Evaluation date: 01/05/1993  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Manifest  
Date achieved compliance: 07/29/1993  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 11/18/1992  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 11/18/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 11/16/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/20/1992  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 09/18/1991  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Date achieved compliance: 01/05/1993  
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 03/28/1991  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/28/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 06/01/1990  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 05/14/1990  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 06/28/1989  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Evaluation date: 05/09/1989  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 08/18/1987  
Evaluation: FINANCIAL RECORD REVIEW  
Area of violation: TSD - Financial Requirements  
Date achieved compliance: 06/28/1989  
Evaluation lead agency: State

Evaluation date: 05/05/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - Closure/Post-Closure  
Date achieved compliance: 06/28/1989  
Evaluation lead agency: State

Evaluation date: 05/05/1987  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD - General  
Date achieved compliance: 01/05/1993  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

NY MANIFEST:

Name: HAZARDOUS CONTROL INCORPORATED  
Address: 731 RENZ LANE  
City,State,Zip: GILROY, CA 95021  
Country: USA  
EPA ID: CAD000628149  
Facility Status: Not reported  
Location Address 1: 731 RENZ LANE  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: GILROY  
Location State: CA  
Location Zip: 95020  
Location Zip 4: Not reported

NY MANIFEST:

EPAID: CAD000628149  
Mailing Name: HAZARDOUS CONTROL INCORPORATED  
Mailing Contact: PERWAIZ SIDDIQUI  
Mailing Address 1: 731 RENZ LANE  
Mailing Address 2: Not reported  
Mailing City: GILROY  
Mailing State: CA  
Mailing Zip: 95020  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 4088481470

NY MANIFEST:

Document ID: NYA7888914  
Manifest Status: C  
seq: Not reported  
Year: 1991  
Trans1 State ID: 11341PNY  
Trans2 State ID: 10203PNY  
Generator Ship Date: 02/13/1991  
Trans1 Recv Date: 02/13/1991  
Trans2 Recv Date: / /  
TSD Site Recv Date: 02/20/1991  
Part A Recv Date: 02/28/1991  
Part B Recv Date: 03/05/1991  
Generator EPA ID: CAD000628149  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000632372  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
Discr Type Indicator: Not reported  
Discr Residue Indicator: Not reported  
Discr Partial Reject Indicator: Not reported  
Discr Full Reject Indicator: Not reported  
Manifest Ref Number: Not reported  
Alt Facility RCRA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HAZCONTROL INC. (Continued)**

**1000180077**

Alt Facility Sign Date: Not reported  
MGMT Method Type Code: Not reported  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Quantity: 00050  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access  
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

**K35  
SW  
1/2-1  
0.619 mi.  
3267 ft.**

**PG&E - MGP - GILROY 1  
MONTEREY/6TH/OLD GILROY  
GILROY, CA 95020**

**CA RESPONSE  
CA ENVIROSTOR  
CA HIST Cal-Sites**

**S100204249  
N/A**

**Site 1 of 2 in cluster K**

**Relative:  
Higher  
Actual:  
199 ft.**

**RESPONSE:**  
Name: GILROY - MGP - 1  
Address: MONTEREY/6TH/OLD GILROY  
City,State,Zip: GILROY, CA 95020  
Facility ID: 43490064  
Site Type: State Response  
Site Type Detail: State Response or NPL  
Acres: 1  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Not reported  
Supervisor: Mark Piros  
Division Branch: Cleanup Berkeley  
Site Code: Not reported  
Site Mgmt. Req.: NONE SPECIFIED  
Assembly: 28, 30  
Senate: 17  
Special Program Status: Not reported  
Status: Refer: Local Agency  
Status Date: 08/02/2018  
Restricted Use: NO  
Funding: Responsible Party  
Latitude: 37.00682  
Longitude: -121.5679  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC : NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 110033610849  
Alias Type: EPA (FRS #)  
Alias Name: 43490064

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PG&E - MGP - GILROY 1 (Continued)**

**S100204249**

Alias Type: Envirostor ID Number

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report  
Completed Date: 09/10/1991  
Comments: Historic Reports.

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

ENVIROSTOR:  
Name: GILROY - MGP - 1  
Address: MONTEREY/6TH/OLD GILROY  
City,State,Zip: GILROY, CA 95020  
Facility ID: 43490064  
Status: Refer: Local Agency  
Status Date: 08/02/2018  
Site Code: Not reported  
Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 1  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Not reported  
Supervisor: Mark Piros  
Division Branch: Cleanup Berkeley  
Assembly: 28, 30  
Senate: 17  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 37.00682  
Longitude: -121.5679  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 110033610849  
Alias Type: EPA (FRS #)  
Alias Name: 43490064  
Alias Type: Envirostor ID Number

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PG&E - MGP - GILROY 1 (Continued)**

**S100204249**

Completed Date: 09/10/1991  
Comments: Historic Reports.

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

**Calsite:**

Name: PG&E - MGP - GILROY 1  
Address: MONTEREY/6TH/OLD GILROY  
City: GILROY  
Region: BERKELEY  
Facility ID: 43490064  
Facility Type: RP  
Type: RESPONSIBLE PARTY  
Branch: NC  
Branch Name: NORTH COAST  
File Name: Not reported  
State Senate District: 09061991  
Status: BACKLOG, POTENTIAL ANNUAL WORKPLAN (AWP) SITE  
Status Name: BACKLOG - POTENTIAL AWP SITE  
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL  
NPL: Not Listed  
SIC Code: 49  
SIC Name: ELECTRIC, GAS & SANITARY SERVICES  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
Staff Member Responsible for Site: LNAKASHI  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: CC  
Region Water Control Board Name: CENTRAL COAST  
Lat/Long Direction: Not reported  
Lat/Long (dms): 0 0 0 / 0 0 0  
Lat/long Method: Not reported  
Lat/Long Description: Not reported  
State Assembly District Code: 28  
State Senate District Code: 13  
Facility ID: Not reported  
Activity: Not reported  
Activity Name: Not reported  
AWP Code: Not reported  
Proposed Budget: Not reported  
AWP Completion Date: Not reported  
Revised Due Date: Not reported  
Comments Date: Not reported  
Est Person-Yrs to complete: Not reported  
Estimated Size: Not reported  
Request to Delete Activity: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PG&E - MGP - GILROY 1 (Continued)**

**S100204249**

Activity Status: Not reported  
Definition of Status: Not reported  
Liquids Removed (Gals): Not reported  
Liquids Treated (Gals): Not reported  
Action Included Capping: Not reported  
Well Decommissioned: Not reported  
Action Included Fencing: Not reported  
Removal Action Certification: Not reported  
Activity Comments: Not reported  
For Commercial Reuse: Not reported  
For Industrial Reuse: Not reported  
For Residential Reuse: Not reported  
Unknown Type: Not reported  
Alternate Address: MONTEREY/6TH/OLD GILROY  
Alternate City,St,Zip: GILROY, CA 95020  
Background Info: Not reported  
Comments Date: 03142005  
Comments: Site Screening required.  
Comments Date: 09061991  
Comments: Site has not been assessed. Needs additional information.  
ID Name: Not reported  
ID Value: Not reported  
Alternate Name: PG&E - MGP - GILROY 1  
Alternate Name: Not reported  
Special Programs Code: Not reported  
Special Programs Name: Not reported

**K36**  
**SW**  
**1/2-1**  
**0.632 mi.**  
**3335 ft.**  
**Relative:**  
**Higher**  
**Actual:**  
**200 ft.**

**PG AND E GAS PLANT GILROY**  
**SW COR 6TH AND RR ST (W OF RR ROW)**  
**GILROY, CA 95020**

**Site 2 of 2 in cluster K**

Manufactured Gas Plants:  
No additional information available

**EDR MGP 1008407683**  
**N/A**

Count: 1 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
GILROY	1003878937	PG&E GAS PLANT GILROY	SW COR 6TH & RR ST(W OF RR ROW	95020	SEMS-ARCHIVE

# 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: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 09/05/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 09/05/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/14/2019
	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: N/A  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 10/14/2019  
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: 07/03/2019  
Next Scheduled EDR Contact: 10/14/2019  
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 known 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: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/19/2019	Source: EPA
Date Data Arrived at EDR: 07/30/2019	Telephone: 800-424-9346
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 09/05/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	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	Source: Department of the Navy
Date Data Arrived at EDR: 08/20/2019	Telephone: 843-820-7326
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/07/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 11/25/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/09/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/20/2019	Telephone: 703-603-0695
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 6	Next Scheduled EDR Contact: 12/09/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/09/2019

Next Scheduled EDR Contact: 10/07/2019

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: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 07/31/2019

Next Scheduled EDR Contact: 11/11/2019

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 identifies 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: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 07/31/2019

Next Scheduled EDR Contact: 11/11/2019

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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/2019

Date Data Arrived at EDR: 05/14/2019

Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 08/13/2019

Next Scheduled EDR Contact: 11/25/2019

Data Release Frequency: Quarterly

## ***State and tribal leaking storage tank lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004  
Date Data Arrived at EDR: 02/26/2004  
Date Made Active in Reports: 03/24/2004  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 8: Leaking Underground Storage Tanks

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

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

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

## LUST REG 9: Leaking Underground Storage Tank Report

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

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

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

## LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 08/05/2019  
Number of Days to Update: 55

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 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003  
Date Data Arrived at EDR: 09/10/2003  
Date Made Active in Reports: 10/07/2003  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

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

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

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

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018  
Date Data Arrived at EDR: 03/07/2019  
Date Made Active in Reports: 05/01/2019  
Number of Days to Update: 55

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/29/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018  
Date Data Arrived at EDR: 03/08/2019  
Date Made Active in Reports: 05/01/2019  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/29/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 05/15/2017  
Date Data Arrived at EDR: 05/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 136

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 08/26/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Varies

### MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/12/2019	Telephone: 916-327-7844
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Varies

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019	Source: SWRCB
Date Data Arrived at EDR: 06/11/2019	Telephone: 916-341-5851
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 09/12/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/30/2019
	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: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 08/05/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/05/2019
	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: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/29/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

### **State and tribal voluntary cleanup sites**

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/19/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/06/2020
	Data Release Frequency: Varies

## VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/31/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/11/2019
	Data Release Frequency: Quarterly

## **State and tribal Brownfields sites**

### BROWNFIELDS: Considered Brownfields 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: 06/24/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/25/2019	Telephone: 916-323-7905
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/07/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/04/2019	Telephone: 202-566-2777
Date Made Active in Reports: 08/26/2019	Last EDR Contact: 09/19/2019
Number of Days to Update: 83	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/11/2019  
Date Data Arrived at EDR: 06/12/2019  
Date Made Active in Reports: 08/15/2019  
Number of Days to Update: 64

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: 08/07/2019  
Next Scheduled EDR Contact: 11/25/2019  
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: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
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: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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 Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 08/02/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Local Lists of Hazardous waste / Contaminated Sites**

### **US HIST CDL: National Clandestine Laboratory Register**

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 06/11/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/13/2019	Telephone: 202-307-1000
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 08/21/2019
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/09/2019
	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	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	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: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/31/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/11/2019
	Data Release Frequency: Quarterly

### **CDL: Clandestine Drug Labs**

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 07/08/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

### **CERS HAZ WASTE: CERS HAZ WASTE**

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 08/14/2019	Source: CalEPA
Date Data Arrived at EDR: 08/14/2019	Telephone: 916-323-2514
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 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: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
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: 06/28/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 26

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: 12/04/2018  
Date Data Arrived at EDR: 12/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 8

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN FRANCISCO AST: Aboveground Storage Tank Site Listing Aboveground storage tank sites

Date of Government Version: 09/11/2018	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 09/12/2018	Telephone: 415-252-3896
Date Made Active in Reports: 10/11/2018	Last EDR Contact: 07/31/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/18/2019
	Data Release Frequency: Varies

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 08/14/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 08/14/2019	Telephone: 916-323-2514
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

## **Local Land Records**

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 06/05/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/06/2019	Telephone: 916-323-3400
Date Made Active in Reports: 08/09/2019	Last EDR Contact: 08/28/2019
Number of Days to Update: 64	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: 07/30/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/30/2019	Telephone: 202-564-6023
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 09/05/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-323-3400
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 65	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: 03/25/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/07/2019
	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	Source: Office of Emergency Services
Date Data Arrived at EDR: 06/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 07/26/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 11/04/2019
	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: 06/10/2019	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 55	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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 05/21/2019	Telephone: 202-528-4285
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 08/23/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/02/2019
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/09/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2019
	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: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/10/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/21/2019
	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.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/16/2019  
Next Scheduled EDR Contact: 11/25/2019  
Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019  
Date Data Arrived at EDR: 03/26/2019  
Date Made Active in Reports: 05/07/2019  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 06/26/2019  
Next Scheduled EDR Contact: 10/07/2019  
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: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
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: 08/09/2019  
Next Scheduled EDR Contact: 11/18/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/23/2019  
Next Scheduled EDR Contact: 12/02/2019  
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: 07/26/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 12/16/2019  
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: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 09/05/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/18/2019
	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	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/03/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/21/2019
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 06/20/2019	Telephone: 301-415-7169
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/06/2019
Number of Days to Update: 76	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: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/03/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/16/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 08/09/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/04/2019
	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: 04/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/02/2019	Telephone: 202-343-9775
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/14/2019
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 04/01/2019  
Date Data Arrived at EDR: 04/30/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 100

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/11/2019  
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: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 07/08/2019  
Next Scheduled EDR Contact: 10/21/2019  
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: 10/07/2019  
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: 07/10/2019  
Next Scheduled EDR Contact: 10/21/2019  
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: 07/30/2019  
Next Scheduled EDR Contact: 11/18/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/19/2019  
Date Data Arrived at EDR: 07/30/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 10/14/2019  
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 1931 and 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: 05/03/2019  
Date Data Arrived at EDR: 05/29/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 71

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

## 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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005      Source: USGS  
Date Data Arrived at EDR: 02/29/2008      Telephone: 703-648-7709  
Date Made Active in Reports: 04/18/2008      Last EDR Contact: 08/30/2019  
Number of Days to Update: 49      Next Scheduled EDR Contact: 12/09/2019  
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      Source: USGS  
Date Data Arrived at EDR: 06/08/2011      Telephone: 703-648-7709  
Date Made Active in Reports: 09/13/2011      Last EDR Contact: 08/30/2019  
Number of Days to Update: 97      Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019      Source: Department of Interior  
Date Data Arrived at EDR: 03/28/2019      Telephone: 202-208-2609  
Date Made Active in Reports: 05/01/2019      Last EDR Contact: 09/10/2019  
Number of Days to Update: 34      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      Source: EPA  
Date Data Arrived at EDR: 06/05/2019      Telephone: (415) 947-8000  
Date Made Active in Reports: 09/03/2019      Last EDR Contact: 09/04/2019  
Number of Days to Update: 90      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      Source: Environmental Protection Agency  
Date Data Arrived at EDR: 07/26/2018      Telephone: 202-564-0527  
Date Made Active in Reports: 10/05/2018      Last EDR Contact: 08/21/2019  
Number of Days to Update: 71      Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017      Source: Department of Defense  
Date Data Arrived at EDR: 01/17/2019      Telephone: 703-704-1564  
Date Made Active in Reports: 04/01/2019      Last EDR Contact: 07/15/2019  
Number of Days to Update: 74      Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 04/07/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/21/2019
	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: 05/20/2019	Source: EPA
Date Data Arrived at EDR: 05/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 08/08/2019	Last EDR Contact: 08/20/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/02/2019
	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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	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: 06/24/2019	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 06/25/2019	Telephone: 916-323-3400
Date Made Active in Reports: 08/21/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 08/15/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/25/2019
	Data Release Frequency: Varies

## CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/19/2019	Telephone: 415-252-3896
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 07/31/2019
Number of Days to Update: 11	Next Scheduled EDR Contact: 11/18/2019
	Data Release Frequency: Varies

## DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/03/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 65

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: 03/19/2019  
Date Data Arrived at EDR: 03/22/2019  
Date Made Active in Reports: 04/09/2019  
Number of Days to Update: 18

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
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

## 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: 11/01/2018  
Date Data Arrived at EDR: 11/02/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 41

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 07/18/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/22/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/15/2019  
Date Data Arrived at EDR: 05/16/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 63

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 08/07/2019  
Next Scheduled EDR Contact: 11/25/2019  
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: 07/12/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

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: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 08/20/2019  
Next Scheduled EDR Contact: 12/02/2019  
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: 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: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/20/2019  
Next Scheduled EDR Contact: 12/02/2019  
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: 07/08/2019  
Date Data Arrived at EDR: 07/09/2019  
Date Made Active in Reports: 09/20/2019  
Number of Days to Update: 73

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 07/09/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/10/2019	Source: Department of Conservation
Date Data Arrived at EDR: 06/11/2019	Telephone: 916-322-1080
Date Made Active in Reports: 08/15/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 65	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: 05/17/2019	Source: Department of Public Health
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-558-1784
Date Made Active in Reports: 08/09/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 66	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: 05/13/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/14/2019	Telephone: 916-445-9379
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 08/13/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/25/2019
	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: 06/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 06/04/2019	Telephone: 916-445-4038
Date Made Active in Reports: 08/09/2019	Last EDR Contact: 09/04/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/16/2019
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 06/12/2019	Telephone: 916-323-3836
Date Made Active in Reports: 08/15/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 64	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: 06/17/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/18/2019	Telephone: 916-445-3846
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 09/16/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 12/30/2019
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 08/20/2019
Number of Days to Update: 34	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: 06/10/2019	Source: State Water Resource Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 43	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	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 07/12/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 08/14/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/02/2019
	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/19/2019
Number of Days to Update: 13	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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 12/23/2019
	Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

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: 06/11/2019  
Date Data Arrived at EDR: 06/12/2019  
Date Made Active in Reports: 08/15/2019  
Number of Days to Update: 64

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: 06/04/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 65

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: 08/14/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

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: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

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: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

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: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

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

## 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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 07/08/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 04/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 06/20/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 70	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 06/27/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 26

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: 07/08/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/02/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 27

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 06/24/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/17/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 11/18/2019  
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: 05/22/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 56

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 07/26/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 02/20/2019  
Date Data Arrived at EDR: 05/01/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 06/05/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 11/11/2019  
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: 06/26/2019  
Next Scheduled EDR Contact: 10/14/2019  
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: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 08/19/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 04/24/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/27/2019  
Number of Days to Update: 63

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## KERN COUNTY:

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019  
Date Data Arrived at EDR: 05/07/2019  
Date Made Active in Reports: 07/16/2019  
Number of Days to Update: 70

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/16/2019  
Date Data Arrived at EDR: 05/17/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 13

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 05/30/2019  
Date Data Arrived at EDR: 05/31/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 53

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 01/17/2019  
Date Data Arrived at EDR: 01/18/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 46

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 07/09/2019  
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 Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 07/08/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019  
Date Data Arrived at EDR: 04/16/2019  
Date Made Active in Reports: 06/21/2019  
Number of Days to Update: 66

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/17/2019  
Next Scheduled EDR Contact: 10/28/2019  
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: 07/12/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

### LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019  
Date Data Arrived at EDR: 06/25/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 58

Source: Los Angeles Fire Department  
Telephone: 213-978-3800  
Last EDR Contact: 06/25/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/17/2019	Telephone: 626-458-6973
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/28/2019
	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	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/07/2019
	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	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 06/25/2019	Telephone: 213-978-3800
Date Made Active in Reports: 08/22/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 10/07/2019
	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	Source: Community Health Services
Date Data Arrived at EDR: 07/17/2019	Telephone: 323-890-7806
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 07/17/2019
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/28/2019
	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	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/12/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/28/2019
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank  
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 310-618-2973
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/04/2019
	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: 05/28/2019	Source: Madera County Environmental Health
Date Data Arrived at EDR: 05/30/2019	Telephone: 559-675-7823
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 67	Next Scheduled EDR Contact: 12/02/2019
	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	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 06/26/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

Date of Government Version: 05/29/2019	Source: Merced County Environmental Health
Date Data Arrived at EDR: 05/30/2019	Telephone: 209-381-1094
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 08/14/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 12/02/2019
	Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List  
CUPA Facility List

Date of Government Version: 05/23/2019	Source: Mono County Health Department
Date Data Arrived at EDR: 05/30/2019	Telephone: 760-932-5580
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 08/21/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

MONTEREY COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019  
Date Data Arrived at EDR: 02/07/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 26

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 06/28/2019  
Next Scheduled EDR Contact: 10/14/2019  
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: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
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: 02/21/2019  
Date Data Arrived at EDR: 02/22/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 14

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 09/05/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 9

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 07/25/2019  
Next Scheduled EDR Contact: 11/11/2019  
Data Release Frequency: Varies

## ORANGE COUNTY:

### IND\_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/09/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Annually

### LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/09/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019  
Date Data Arrived at EDR: 05/07/2019  
Date Made Active in Reports: 07/16/2019  
Number of Days to Update: 70

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
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: 06/03/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/12/2019  
Number of Days to Update: 69

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: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 04/11/2019  
Date Data Arrived at EDR: 04/12/2019  
Date Made Active in Reports: 06/20/2019  
Number of Days to Update: 69

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/06/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 55

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/28/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Quarterly

## ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/06/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 09/13/2019  
Number of Days to Update: 77

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/28/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/13/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 48

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 07/16/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/31/2019  
Date Data Arrived at EDR: 05/31/2019  
Date Made Active in Reports: 07/22/2019  
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
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: 06/04/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 08/08/2019  
Number of Days to Update: 65

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 04/24/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/27/2019  
Number of Days to Update: 63

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### LUST SAN FRANCISCO: Local Oversight 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: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: No Update Planned

### UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 38

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

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: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
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: 08/06/2019  
Date Data Arrived at EDR: 08/14/2019  
Date Made Active in Reports: 08/15/2019  
Number of Days to Update: 1

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: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 56

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/21/2019  
Next Scheduled EDR Contact: 12/09/2019  
Data Release Frequency: No Update Planned

## SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/22/2019  
Number of Days to Update: 60

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
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: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
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: 08/14/2019  
Next Scheduled EDR Contact: 12/02/2019  
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: 08/28/2019  
Next Scheduled EDR Contact: 12/16/2019  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

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: 07/23/2019  
Number of Days to Update: 47

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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/19/2019  
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: 07/02/2019  
Date Data Arrived at EDR: 07/02/2019  
Date Made Active in Reports: 09/20/2019  
Number of Days to Update: 80

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: 12/11/2018  
Date Data Arrived at EDR: 12/13/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 49

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: 07/31/2019  
Next Scheduled EDR Contact: 11/18/2019  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List Cupa facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/24/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/28/2019  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 05/09/2019  
Date Data Arrived at EDR: 05/10/2019  
Date Made Active in Reports: 07/17/2019  
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 08/05/2019  
Next Scheduled EDR Contact: 11/18/2019  
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: 07/31/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 03/26/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/27/2019  
Number of Days to Update: 63

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Quarterly

### LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 06/26/2019  
Next Scheduled EDR Contact: 10/14/2019  
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: 08/07/2019  
Next Scheduled EDR Contact: 11/25/2019  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/26/2019	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/25/2019	Telephone: 805-654-2813
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 07/22/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/04/2019
	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: 06/10/2019	Source: Environmental Health Division
Date Data Arrived at EDR: 06/12/2019	Telephone: 805-654-2813
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 09/09/2019
Number of Days to Update: 42	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: 06/26/2019	Source: Yolo County Department of Health
Date Data Arrived at EDR: 06/28/2019	Telephone: 530-666-8646
Date Made Active in Reports: 07/31/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/07/2019	Telephone: 530-749-7523
Date Made Active in Reports: 07/16/2019	Last EDR Contact: 07/25/2019
Number of Days to Update: 70	Next Scheduled EDR Contact: 11/11/2019
	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	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/14/2019	Telephone: 860-424-3375
Date Made Active in Reports: 08/05/2019	Last EDR Contact: 08/07/2019
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/25/2019
	Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/09/2019  
Next Scheduled EDR Contact: 10/21/2019  
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: 07/29/2019  
Next Scheduled EDR Contact: 11/11/2019  
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: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
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: 08/16/2019  
Next Scheduled EDR Contact: 12/02/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers for Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

SFO069  
CAMINO ARROYO  
GILROY, CA 95020

### TARGET PROPERTY COORDINATES

Latitude (North):	37.01588 - 37° 0' 57.17"
Longitude (West):	121.558029 - 121° 33' 28.90"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	628281.1
UTM Y (Meters):	4097402.8
Elevation:	192 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	5640386 GILROY, CA
Version Date:	2012
South Map:	5619808 CHITTENDEN, 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).

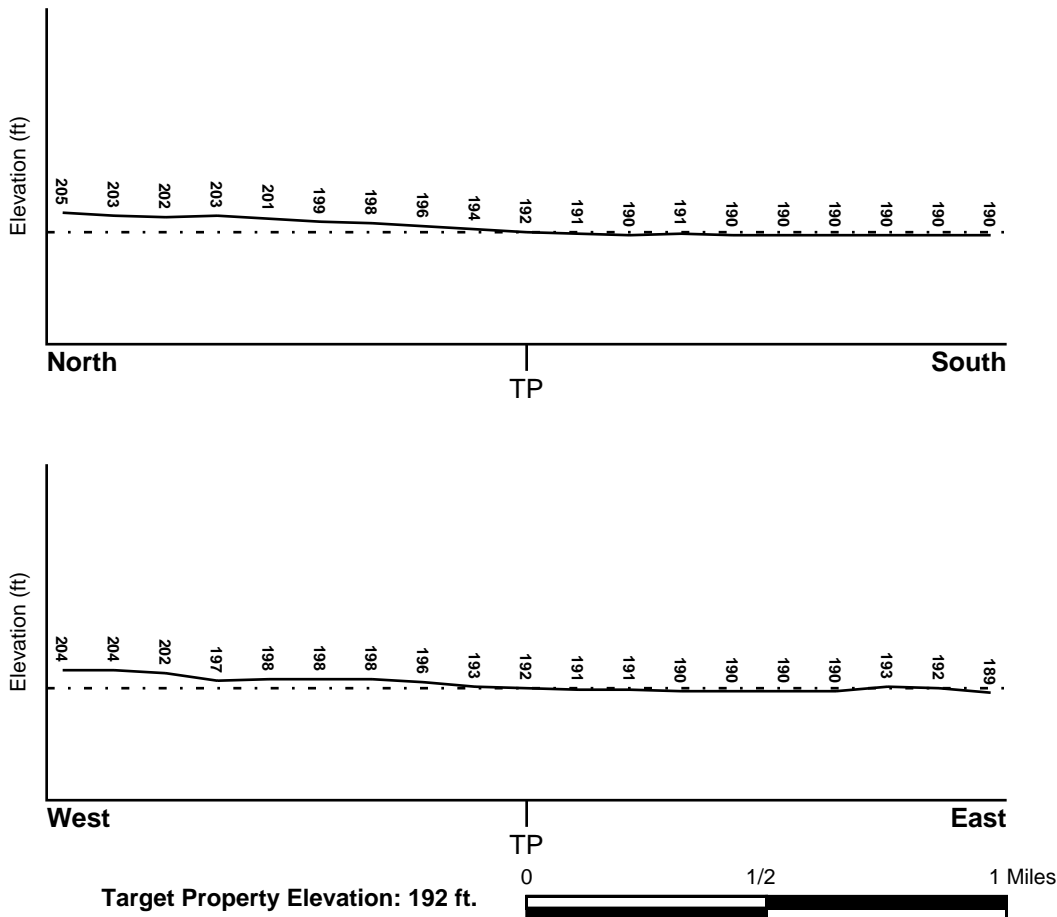
## TOPOGRAPHIC INFORMATION

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 SE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06085C0643H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06085C0639H	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
GILROY	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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
9	1/2 - 1 Mile SSE	NE,NW,Varies
1G	1/2 - 1 Mile SSE	NE,NW,Varies

For additional site information, refer to Physical Setting Source Map Findings.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

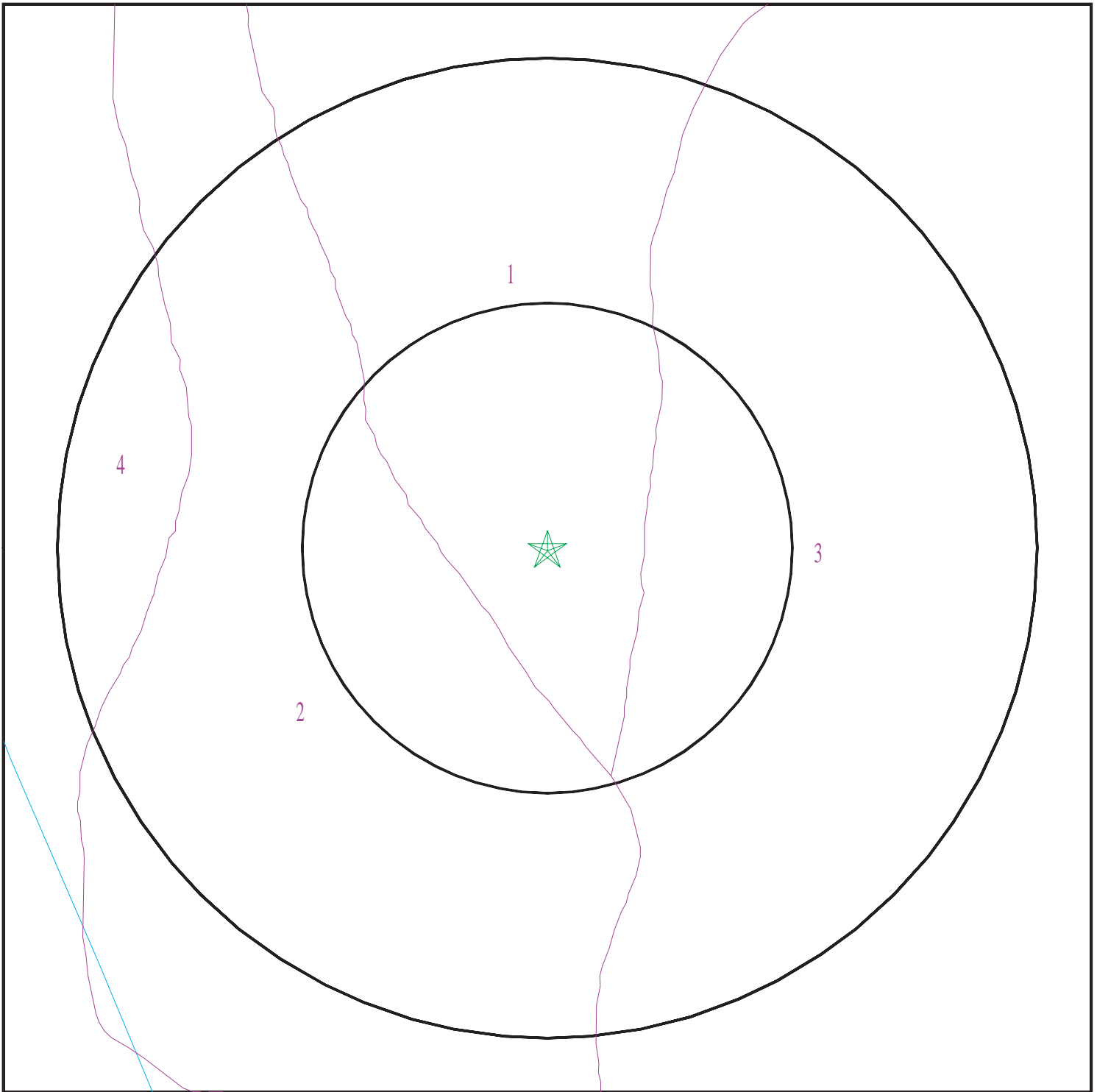
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

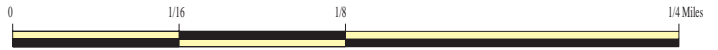
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 5800372.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: SFO069  
ADDRESS: CAMINO ARROYO  
GILROY CA 95020  
LAT/LONG: 37.01588 / 121.558029

CLIENT: ERM - West, Inc.  
CONTACT: Giorgio Molinaro  
INQUIRY #: 5800372.2s  
DATE: September 23, 2019 6:47 pm

# 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: CAMPBELL

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Organic Clay or Organic Silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 8
2	18 inches	35 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Organic Clay or Organic Silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 8
3	35 inches	59 inches	muck	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Organic Clay or Organic Silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 8



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 2**

Soil Component Name: ZAMORA

Soil Surface Texture: clay 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							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
2	14 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
3	35 inches	57 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6
4	57 inches	70 inches	gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 3

Soil Component Name: CLEAR LAKE

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 99 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
2	5 inches	59 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

### Soil Map ID: 4

Soil Component Name: PLEASANTON

Soil Surface Texture: gravelly 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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
2	18 inches	44 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	44 inches	66 inches	gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

### 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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

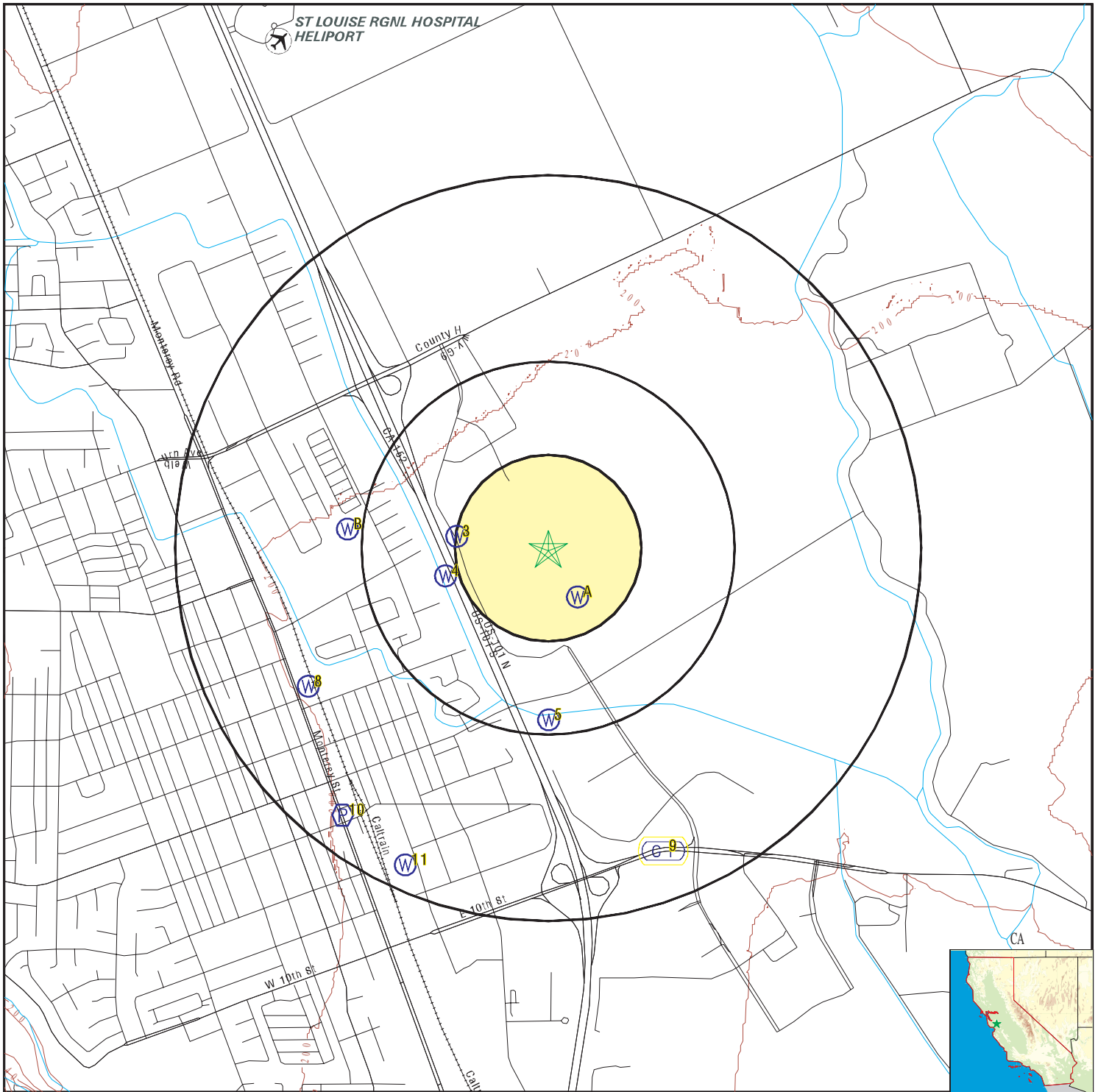
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
10	CA4300581	1/2 - 1 Mile SW

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	10606	1/8 - 1/4 Mile SE
A2	10607	1/8 - 1/4 Mile SSE
3	10191	1/8 - 1/4 Mile West
4	CADWR8000032095	1/4 - 1/2 Mile WSW
5	CADWR8000032030	1/4 - 1/2 Mile South
B6	10608	1/2 - 1 Mile West
B7	10611	1/2 - 1 Mile West
8	10609	1/2 - 1 Mile WSW
11	10617	1/2 - 1 Mile SSW

# PHYSICAL SETTING SOURCE MAP - 5800372.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: SFO069  
 ADDRESS: CAMINO ARROYO  
 GILROY CA 95020  
 LAT/LONG: 37.01588 / 121.558029

CLIENT: ERM - West, Inc.  
 CONTACT: Giorgio Molinaro  
 INQUIRY #: 5800372.2s  
 DATE: September 23, 2019 6:47 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**SE**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      10606**

Seq:	10606	Prim sta c:	11S/04E-05C01 M
Frds no:	4310004009	County:	43
District:	05	User id:	HEN
System no:	4310004	Water type:	G
Source nam:	WELL 08A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370051.0	Longitude:	1213319.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310004	System nam:	City of Gilroy
Hqname:	Not Reported	Address:	7351 ROSANNA STREET
City:	GILROY	State:	CA
Zip:	95020	Zip ext:	Not Reported
Pop serv:	31487	Connection:	7905
Area serve:	GILROY CITY		

Sample date:	17-JAN-18	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	17-JAN-18	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	05-OCT-17	Finding:	6.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	05-OCT-17	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	18-JUL-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	18-JUL-17	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	13-APR-17	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	13-APR-17	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	18-JAN-17	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	18-JAN-17	Finding:	500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-OCT-16	Finding:	590.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-OCT-16	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUL-16	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUL-16	Finding:	620.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	25-APR-16	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-APR-16	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-OCT-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-OCT-15	Finding:	5000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-OCT-15	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-JUL-15	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-MAY-15	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	55.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	9.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	46.
Chemical:	SODIUM	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	20-MAY-15	Finding:	27.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	35.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	20-MAY-15	Finding:	230.
Chemical:	IRON	Report units:	UG/L
Dir:	100.		
Sample date:	20-MAY-15	Finding:	22.
Chemical:	MANGANESE	Report units:	UG/L
Dir:	20.		
Sample date:	20-MAY-15	Finding:	180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	0.48
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-MAY-15	Finding:	1.7
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	20-MAY-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dir:	0.		
Sample date:	20-MAY-15	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-MAY-15	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-APR-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-APR-15	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-JAN-15	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	29-DEC-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	29-DEC-14	Finding:	0.11
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	15-OCT-14	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JUL-14	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-NOV-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-OCT-13	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-OCT-13	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	23-JUL-13	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-JUL-13	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-APR-13	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JAN-13	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	10-OCT-12	Finding:	620.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	23-JUL-12	Finding:	610.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-MAY-12	Finding:	0.72
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-12	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-MAY-12	Finding:	35.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-MAY-12	Finding:	32.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	51.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	8.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	51.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	160.
Chemical:	HARDNESS (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CaCO <sub>3</sub>	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-12	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-MAY-12	Finding:	0.76
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	22-MAY-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	11-APR-12	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	11-APR-12	Finding:	21.
Chemical:	NITRATE (AS NO <sub>3</sub> )	Report units:	MG/L
Dir:	2.		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A2**  
**SSE**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      10607**

Seq:	10607	Prim sta c:	11S/04E-05C02 M
Frds no:	4310004008	County:	43
District:	05	User id:	HEN
System no:	4310004	Water type:	G
Source nam:	WELL 08	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370050.0	Longitude:	1213321.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310004	System nam:	City of Gilroy
Hqname:	Not Reported	Address:	7351 ROSANNA STREET
City:	GILROY	State:	CA
Zip:	95020	Zip ext:	Not Reported
Pop serv:	31487	Connection:	7905
Area serve:	GILROY CITY		

Sample date:	12-MAR-18	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	14-FEB-18	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	17-JAN-18	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	17-JAN-18	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	14-DEC-17	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	20-NOV-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	05-OCT-17	Finding:	8.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	05-OCT-17	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	18-SEP-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	24-AUG-17	Finding:	8.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-JUL-17	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-JUL-17	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-JUN-17	Finding:	8.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-MAY-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-APR-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-APR-17	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	15-MAR-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	15-FEB-17	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-JAN-17	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-JAN-17	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	15-DEC-16	Finding:	8.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-NOV-16	Finding:	8.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-OCT-16	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-OCT-16	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	04-AUG-16	Finding:	8.8
Chemical:	NITRATE (AS N)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	20-JUL-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUL-16	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JUN-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-MAY-16	Finding:	8.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-APR-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-APR-16	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-MAR-16	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	10-FEB-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JAN-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JAN-16	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-DEC-15	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	18-NOV-15	Finding:	6.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-OCT-15	Finding:	8400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	14-OCT-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-OCT-15	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	29-SEP-15	Finding:	8300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-AUG-15	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUL-15	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUL-15	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-JUN-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-MAY-15	Finding:	0.32
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-MAY-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	20-MAY-15	Finding:	34.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	20-MAY-15	Finding:	30.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	27.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	26.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	58.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	250.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	20-MAY-15	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-MAY-15	Finding:	210.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	22-APR-15	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-APR-15	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-MAR-15	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-FEB-15	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-JAN-15	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-JAN-15	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	19-NOV-14	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-OCT-14	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-OCT-14	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	15-OCT-14	Finding:	590.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	28-AUG-14	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	17-JUL-14	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JUL-14	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-JUN-14	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-MAY-14	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-APR-14	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-APR-14	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-MAR-14	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-FEB-14	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-FEB-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	12-FEB-14	Finding:	0.191
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JAN-14	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	15-JAN-14	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-NOV-13	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-OCT-13	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	09-OCT-13	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-SEP-13	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.		
Sample date:	21-AUG-13	Finding:	39.02
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-JUL-13	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-JUL-13	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-MAY-13	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-APR-13	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-APR-13	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-MAR-13	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-FEB-13	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JAN-13	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JAN-13	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-DEC-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-NOV-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	10-OCT-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	19-SEP-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	23-AUG-12	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-JUL-12	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-JUL-12	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-JUN-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-MAY-12	Finding:	54.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	240.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-12	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-MAY-12	Finding:	25.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	26.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	32.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-MAY-12	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-MAY-12	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	22-MAY-12	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-MAY-12	Finding:	0.67
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-MAY-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-12	Finding:	29.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	11-APR-12	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	11-APR-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-MAR-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-FEB-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-JAN-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-JAN-12	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

**3**  
**West**  
**1/8 - 1/4 Mile**  
**Higher**

**CA WELLS 10191**

Seq:	10191	Prim sta c:	10S/04E-32N02 M
Frds no:	4310004007	County:	43
District:	05	User id:	HEN
System no:	4310004	Water type:	G
Source nam:	WELL 07	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370059.0	Longitude:	1213341.0
Precision:	3	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310004	System nam:	City of Gilroy
Hqname:	Not Reported	Address:	7351 ROSANNA STREET

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

City:	GILROY	State:	CA
Zip:	95020	Zip ext:	Not Reported
Pop serv:	31487	Connection:	7905
Area serve:	GILROY CITY		
Sample date:	17-JAN-18	Finding:	510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JAN-18	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	05-OCT-17	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	05-OCT-17	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	17-JUL-17	Finding:	500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JUL-17	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-JUN-17	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-JUN-17	Finding:	6.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	01-MAY-17	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	04-AUG-15	Finding:	44.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUL-15	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-JUL-15	Finding:	45.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-MAY-15	Finding:	56.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	31.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	25.

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	37.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	20-MAY-15	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	20-MAY-15	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	0.28
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	42.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-MAY-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	270.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	20-MAY-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	20-MAY-15	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-MAY-15	Finding:	19.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-APR-15	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-APR-15	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-JAN-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-JAN-15	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	15-OCT-14	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	15-OCT-14	Finding:	1.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dir:	1.		
Sample date:	15-OCT-14	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-SEP-14	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-JUL-14	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JUL-14	Finding:	41.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-APR-14	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	23-APR-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-FEB-14	Finding:	0.246
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	12-FEB-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JAN-14	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-JAN-14	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	09-OCT-13	Finding:	580.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	09-OCT-13	Finding:	38.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-JUL-13	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-JUL-13	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-APR-13	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-APR-13	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JAN-13	Finding:	590.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JAN-13	Finding:	40.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	590.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	10-OCT-12	Finding:	43.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-JUL-12	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	23-JUL-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-MAY-12	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	50.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	25.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	22-MAY-12	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-MAY-12	Finding:	22.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-12	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-MAY-12	Finding:	0.54
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	22-MAY-12	Finding:	25.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-MAY-12	Finding:	30.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-MAY-12	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-MAY-12	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	22-MAY-12	Finding:	310.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-APR-12	Finding:	590.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	11-APR-12	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-JAN-12	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	18-JAN-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**4**  
**WSW**  
**1/4 - 1/2 Mile**  
**Higher**

**CA WELLS      CADWR8000032095**

State Well #:	10S04E32N003M	Station ID:	52350
Well Name:	10S04E32N003	Well Use:	Observation
Well Type:	Single Well	Well Depth:	0
Basin Name:	Llagas Area	Well Completion Rpt #:	NA

**5**  
**South**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADWR8000032030**

State Well #:	11S04E05F001M	Station ID:	47690
Well Name:	11S04E05F001	Well Use:	Observation
Well Type:	Single Well	Well Depth:	107
Basin Name:	Llagas Area	Well Completion Rpt #:	Not Reported

**B6**  
**West**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      10608**

Seq:	10608	Prim sta c:	11S/04E-06B01 M
Frds no:	4310004001	County:	43
District:	05	User id:	HEN
System no:	4310004	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	370100.0	Longitude:	1213400.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	4310004	System nam:	City of Gilroy
Hqname:	Not Reported	Address:	7351 ROSANNA STREET
City:	GILROY	State:	CA
Zip:	95020	Zip ext:	Not Reported
Pop serv:	31487	Connection:	7905
Area serve:	GILROY CITY		

Sample date:	17-JAN-18	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	17-JAN-18	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

Sample date:	05-OCT-17	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	05-OCT-17	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	17-JUL-17	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	17-JUL-17	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-JUN-17	Finding:	0.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	13-APR-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-APR-17	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	18-JAN-17	Finding:	510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	18-JAN-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-OCT-16	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-OCT-16	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUL-16	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	20-JUL-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-APR-16	Finding:	600.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	25-APR-16	Finding:	6.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JAN-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JAN-16	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	14-OCT-15	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-OCT-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	14-OCT-15	Finding:	6200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	20-JUL-15	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUL-15	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-MAY-15	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-MAY-15	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-MAY-15	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-15	Finding:	250.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-15	Finding:	52.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-15	Finding:	29.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	21-MAY-15	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-MAY-15	Finding:	0.25
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-MAY-15	Finding:	330.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-15	Finding:	22.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-15	Finding:	42.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-MAY-15	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	21-MAY-15	Finding:	29.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-APR-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-APR-15	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-JAN-15	Finding:	510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-JAN-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-OCT-14	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-OCT-14	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JUL-14	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JUL-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	23-APR-14	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	23-APR-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	12-FEB-14	Finding:	0.22
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	12-FEB-14	Finding:	1.16
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JAN-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-JAN-14	Finding:	590.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	09-OCT-13	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	09-OCT-13	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-JUL-13	Finding:	570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-JUL-13	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-APR-13	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-APR-13	Finding:	540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	14-FEB-13	Finding:	0.73
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	16-JAN-13	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JAN-13	Finding:	0.57
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	16-JAN-13	Finding:	550.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	10-OCT-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	10-OCT-12	Finding:	530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	23-JUL-12	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	23-JUL-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-MAY-12	Finding:	240.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-12	Finding:	50.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-12	Finding:	29.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-12	Finding:	22.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-12	Finding:	27.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-12	Finding:	41.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-MAY-12	Finding:	0.15
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	21-MAY-12	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dir:	100.		
Sample date:	21-MAY-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-12	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-MAY-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-MAY-12	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-MAY-12	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	21-MAY-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	2.	Finding:	0.43
Sample date:	21-MAY-12	Report units:	Not Reported
Chemical:	LANGELIER INDEX @ 60 C		
Dir:	0.		
Sample date:	21-MAY-12	Finding:	340.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-APR-12	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	11-APR-12	Finding:	0.73
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	11-APR-12	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-MAR-12	Finding:	0.79
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	22-FEB-12	Finding:	0.71
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dir:	0.5		
Sample date:	18-JAN-12	Finding:	560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	18-JAN-12	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

**B7  
West  
1/2 - 1 Mile  
Higher**

**CA WELLS 10611**

Seq:	10611	Prim sta c:	11S/04E-06H01 M
Frds no:	4310004003	County:	43
District:	05	User id:	HEN
System no:	4310004	Water type:	G
Source nam:	WELL 03 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	370100.0	Longitude:	1213400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	4310004	System nam:	City of Gilroy
Hqname:	Not Reported	Address:	7351 ROSANNA STREET
City:	GILROY	State:	CA
Zip:	95020	Zip ext:	Not Reported
Pop serv:	31487	Connection:	7905
Area serve:	GILROY CITY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**8**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      10609**

Seq:	10609	Prim sta c:	11S/04E-06B02 M
Frds no:	4300607001	County:	43
District:	73	User id:	43C
System no:	4300607	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370038.0	Longitude:	1213407.0
Precision:	3	Status:	AU
Comment 1:	635 FEET E MONTEREY / 477 FEET S I00F		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	4300607	System nam:	CALIFORNIA CANNERS & GROWERS
Hqname:	Not Reported	Address:	Not Reported
City:	GILROY	State:	CA
Zip:	95020	Zip ext:	Not Reported
Pop serv:	400	Connection:	4
Area serve:	Not Reported		

**9**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

Site ID:	596	<b>AQUIFLOW      50093</b>
Groundwater Flow:	NE,NW,Varies	
Shallow Water Depth:	5.13	
Deep Water Depth:	8.96	
Average Water Depth:	Not Reported	
Date:	04/22/1996	

**10**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**FRDS PWS      CA4300581**

Epa region:	09	State:	CA
Pwsid:	CA4300581	Pwsname:	VELLADAO MOBILE HOME PARK
Cityserved:	Not Reported	Stateserved:	CA
Zipsserved:	Not Reported	Fipscounty:	06085
Status:	Active	Retpopsrvd:	75
Pwssvconn:	27	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	VELLADAO, TOM	Contactorgname:	VELLADAO, TOM
Contactphone:	415-380-2334	Contactaddress1:	186 GREVILLIA DRIVE
Contactaddress2:	Not Reported	Contactcity:	PETALUMA
Contactstate:	CA	Contactzip:	94952
Pwsactivitycode:	A		
PWS ID:	CA4300581	PWS name:	VELLADAO MOBILE HOME PARK
Address:	Not Reported	Care of:	Not Reported
City:	GILROY	State:	CA
Zip:	95020	Owner:	VELLADAO MOBILE HOME PARK
Source code:	Ground water	Population:	44
PWS ID:	CA4300581	PWS type:	System Owner/Responsible Party
PWS name:	DALY'S MOBILE HOME PARK	PWS address:	Not Reported
PWS city:	GILROY	PWS state:	CA



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

PWS zip:	95020	PWS name:	Velladao Mobile Home Park
PWS type code:	C	Retail population served:	75
Contact:	Tom Velladao	Contact address:	186 Grevillia Drive
Contact address:	Petaluma	Contact city:	CA
Contact state:	94	Contact zip:	4153802334
Contact telephone:	Not Reported		
PWS ID:	CA4300581	Activity status:	Active
Date system activated:	8405	Date system deactivated:	Not Reported
Retail population:	00000044		
System name:	DALY'S MOBILE HOME PARK WATER SYSTEM		
System address:	DALY'S MOBILE HOME PARK	System address:	6310 MONTEREY ST
System city:	GILROY	System state:	CA
System zip:	95020		
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	370020	Longitude:	1213401
Violation id:	95V0001	Orig code:	F
State:	CA	Violation Year:	1993
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	51	Violation name:	Initial Tap Sampling for Pb and Cu
Rule code:	350	Rule name:	LCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	07/01/1993
Cmp edt:	12/31/2003		
System Name:	VELLADAO MOBILE HOME PARK	Violation Type:	51
Contaminant:	5000	Compliance Begin:	1993-07-01
Compliance End:	2015-12-31	Violation ID:	95V0001
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported
System Name:	Velladao Mobile Home Park	Violation Type:	51
Contaminant:	5000	Compliance Begin:	7/1/1993 0:00:00
Compliance End:	12/31/2003 0:00:00	Violation ID:	95V0001
Enforcement Date:	12/31/2003 0:00:00	Enforcement Action:	EOX
System Name:	Velladao Mobile Home Park	Violation Type:	51
Contaminant:	5000	Compliance Begin:	07/01/93
Compliance End:	12/31/03	Violation ID:	95V0001
Enforcement Date:	12/31/03	Enforcement Action:	EOX
System Name:	VELLADAO MOBILE HOME PARK	Violation Type:	51
Contaminant:	5000	Compliance Begin:	1993-07-01
Compliance End:	2015-12-31	Violation ID:	95V0001
Enforcement Date:	Not Reported	Enforcement Action:	Not Reported
Violation ID:	95V0001	Orig Code:	F
Enforcemnt FY:	2004	Enforcement Action:	12/31/2003
Enforcement Detail:	Fed Compliance achieved	Enforcement Category:	Resolving
PWS name:	Velladao Mobile Home Park	Population served:	75
PWS type code:	C	Violation ID:	95V0001
Contaminant:	LEAD & COPPER RULE	Violation type:	Initial Tap Sampling for Pb and Cu
Compliance start date:	7/1/1993 0:00:00	Compliance end date:	12/31/2003 0:00:00
Enforcement date:	12/31/2003 0:00:00	Enforcement action:	Fed Compliance Achieved
Violation measurement:	0		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**11**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      10617**

Seq:	10617	Prim sta c:	11S/04E-17N01 M
Frds no:	4300608001	County:	43
District:	05	User id:	HEN
System no:	4300608	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	370013.0	Longitude:	1213350.0
Precision:	3	Status:	AR
Comment 1:	1588 FEET NORTH CASTRO VALLEY / 1893 FEET WEST MONTEREY		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	4300608	System nam:	Gavilan Jr. College
Hqname:	Not Reported	Address:	5055 SANTA TERESA BLVD
City:	GILROY	State:	CA
Zip:	95020	Zip ext:	Not Reported
Pop serv:	4190	Connection:	1
Area serve:	Not Reported		

Sample date:	20-FEB-18	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	07-NOV-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	13-SEP-17	Finding:	9.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	09-AUG-17	Finding:	10.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	08-MAY-17	Finding:	9.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	14-FEB-17	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	09-NOV-16	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

Sample date:	09-SEP-16	Finding:	1.28
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	09-SEP-16	Finding:	8.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	09-SEP-16	Finding:	1.79
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	16-AUG-16	Finding:	9.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-AUG-16	Finding:	0.747
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	17-MAY-16	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	26-JAN-16	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	29-JUL-15	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	29-JUL-15	Finding:	0.11
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	29-JUL-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	29-JUL-15	Finding:	510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	26-AUG-13	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	15-AUG-12	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		

**1G  
SSE  
1/2 - 1 Mile  
Lower**

Site ID: 596  
 Groundwater Flow: NE,NW,Varies  
 Shallow Water Depth: 5.13  
 Deep Water Depth: 8.96  
 Average Water Depth: Not Reported  
 Date: 04/22/1996

**AQUIFLOW 50093**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
95020	15	1

Federal EPA Radon Zone for SANTA CLARA 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.

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Federal Area Radon Information for Zip Code: 95020

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> 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 E**  
**Professional Profiles**





# Ariana Jensen

Consultant II

Ariana Jensen is a Consultant II with 2 years of due diligence and regulatory compliance experience. Ariana's experience includes buy-side and sell-side environmental, health, and safety due diligence projects and working collaboratively with potential lessees, purchasers, and/or investors to identify potential environmental risks associated with transactions. She also engages international, multi-site mergers and acquisitions portfolios for corporations, financial institutions, insurance, and advisory firms. Ariana has executed projects with various components including environmental diligence reviews, ASTM-compliant Phase I Environmental Site Assessments (ESAs), and off-site disposal liability reviews. Ms. Jensen cross specializes in the natural resources and impact assessment and planning practice groups.



**Experience:** 2 years' experience in due diligence, oil and gas, power, and impact assessment

**Email:** Ariana.Jensen@erm.com

**LinkedIn:** [Ariana Jensen](#)

## Education

- B.S. Biological Sciences, California Polytechnic State University San Luis Obispo, USA, 2017

## Professional Affiliations and Registrations

- CPR & First Aid Certified
- 40-Hour OSHA HAZWOPER
- California Association of Environmental Professionals

## Languages

English, native speaker

## Fields of Competence

- Due Diligence (Phase I, IIs)
- Environmental Compliance
- Environmental Management Systems
- Regulatory planning and permitting
- Technical Writing and Data Analysis/Interpretation
- Biological Field Assessments
- Environmental Risk Assessment
- ArcGIS and Mapping
- Environmental Planning

## Key Industry Sectors

- Power and Energy
- Federal, State, and Local Government
- Technology, Media, and Telecommunications
- Automotive
- Real Estate and Land Development

## Key Projects

### **Phase I Environmental Site Assessments and Limited Compliance Reviews, United States**

Ariana has conducted Phase I ESAs and Limited Compliance Reviews (LCRs) for a wide range of clients in the automotive, power, and technology sectors. She performed Phase I ESAs in accordance to the ASTM Standard, and conducted LCRs in accordance with the generally accepted industry practices.

### **Lead Project Manager, Lender Due Diligence, California**

Lead Project Manager for a portfolio of sites located in Southern California. Ariana prepared an EHS memo to provide independent assessments of EHS issues with associated facilities of interest. Duties included reviewing EHS due diligence reports and applicable documents, conducting database searches, and identifying significant risks to a form a recommendation related to EHS liabilities.

### **Pipeline Due Diligence, Ohio**

Conducted a series of due diligence across multiple counties regarding a newly installed oil and gas pipeline to assess the environmental liabilities related to pipeline acquisition. The due diligence and reporting were in general accordance with the ASTM E1527-13 standard.

### **Printing Facility Due Diligence, California**

Conducted a Phase 1 ESA and EHS audit of a printing facility regarding operations and hazardous waste streams. Project reporting was part of a larger multi-state portfolio and was completed in general accordance with the ASTM E1527-13 standard.

### **Permitting and Environmental Coordinator, California**

Developed biological permit applications for vegetation management along existing transmission lines in Tier 3 fire-threat areas; assessed potential impacts to special-status species and outlined

avoidance and minimization measures; permit application packages delivered to the National Park Service, National Forest Service, Bureau of Land Management (BLM), Bureau of Indian Affairs, California Department of Forestry and Fire Protection, and California Department of Parks and Recreation; environmental compliance enforcement for vegetation management crews; conducted preconstruction surveys; participated in multiple weekly meetings; and conducted nesting and breeding bird surveys.

## Key Projects Prior to Joining ERM

### **Real Estate and Land Development Due Diligence Portfolios, United States**

Ariana has conducted over 30 Phase I ESAs for a wide range of clients in various industries related to commercial properties/warehouses. She performed Phase I ESAs in accordance with the generally accepted industry practices.

### **Client Support Team Member – California Orphan Pipeline Abandonment**

Completed various environmental permits and documents for planning agencies in Ventura, San Luis Obispo, and Santa Barbara counties for the removal of an abandoned oil and gas pipeline. Ariana assisted in permit management and coordination amongst different agencies.

### **Team Member-Environmental Impact Report**

Ariana worked internally to complete the biological resources chapter of an EIR in Elk Grove, CA. Her scope of work included database research and organization, classification of biological impacts, and creation of mitigation measures associated with the development of the Project under CEQA and Sacramento County regulations.

# Giorgio Molinario

Program Director

Mr. Giorgio Molinario has over 22 years of transaction due diligence, site investigation, permitting, and regulatory compliance experience. He is a Program Director in ERM's Due Diligence and Mergers and Acquisitions advisory practice and is based in San Francisco, California.

Mr. Molinario's project experience includes a wide range of due diligence projects including: Phase I and II ESAs, custom due diligence reports, and associated environmental compliance for individual facilities, multi-site portfolios, or entire companies. These include multiple utility scale solar plants across the US, industrial plants, data centers, semiconductor fabrication plants, and large infrastructure projects such as the high speed rail corridor or airport expansion projects.



**Experience:** 22 years' experience in environmental consulting

**Email:** [giorgio.molinario@erm.com](mailto:giorgio.molinario@erm.com)

**LinkedIn:**  
<https://www.linkedin.com/in/giorgiomolinario>

## Education

- B.Sc. Chemistry  
Brown University, USA, 1992
- M.A. Environmental Studies  
Brown University, USA, (Thesis Pending)

## Languages

- English, native speaker
- Italian, native speaker
- French, conversational

## Fields of Competence

- Environmental due diligence
- Regulatory compliance and permitting
- Site investigation and remediation

## Key Industry Sectors

- Technology Media and Telecommunications
- Biopharmaceutical
- Legal
- Manufacturing
- Chemical
- Government

## Key Projects

### **ESAs and Due Diligence). Project Manager.**

Managed and assisted with numerous assessments for private and public clients. Conducted assessments for buyer and vendor sides, in the U.S. and abroad, including numerous fast-turnaround multi-site projects. Representative projects have included:

- Managed numerous Phase I and II ESAs and limited compliance audits of industrial, commercial, and residential sites or portfolios of sites across the U.S. and abroad.
- Managed several Phase I and II ESAs of proposed development sites in California incorporating environmental due diligence, lender-specific requirements, and incorporating additional data into California Environmental Quality Act (CEQA) reports.
- Managed due diligence assessments including Phase I and II ESAs of manufacturing facilities, technology and biopharmaceutical facilities, chemical plants, oil and gas sites, petroleum storage sites, datacenters, distribution facilities, and landfills.
- Performed due diligence assessments in the US, UK, Italy, France, Israel, and Dem. Rep. of Congo, and managed projects with due diligence in Mexico, Germany, China, Japan, Korea, Vietnam, Taiwan, and India.
- Managed assessments of right-of-way alignments including rail lines, utility corridors, midstream assets, and roads/highways.
- Managed several Brownfield site assessments including multi-parcel sites, former industrial sites, and tribal land.

## M&A Due Diligence and Compliance

### **Project Manager, Due Diligence and Compliance Auditing of Alios Pharmaceutical Company by Johnson & Johnson, South San Francisco,**

**California.** Assessed the operations and R&D facilities of a pharmaceutical company slated for acquisition. Prepared a due diligence report for the acquisition and a detailed task list of EHS compliance issues to be addressed during post-acquisition integration. Assisted with post-acquisition EHS compliance integration and auditing.

**Fluoropolymer and Fluorocarbon Manufacturer, Due Diligence and Strategic Acquisition Consulting. Senior Auditor.** Senior Auditor for high-level due diligence and strategic acquisition consulting for the proposed acquisition of a 900 million dollar fluoropolymer and fluorocarbon manufacturing company with facilities in U.S., Italy, and Germany. Visited manufacturing plants and interviewed plant management, and senior environmental management to identify due diligence issues, potential for catastrophic failures from the storage of hydrofluoric acid, and future regulatory issues with the continued production of CFCs, HCFCs, and the use of mercury cells in the production of chlorine.

**Environmental Due Diligence of a portion of the Black Mountain Industrial (BMI) Complex, Confidential Client, in Henderson, Nevada, Lead Environmental Assessor.** Assessed a portion of the BMI complex that has been used for basic chemical manufacturing since the 1940s. Prepared a concise due diligence report summarizing historical soil and groundwater impacts and potential impacts from current operations.

**Environmental Due Diligence and Risk Review of LNG Plant and Pipeline, Osaka Gas/Chubu Electric, Freeport, Texas. Project Manager.** Managed the due diligence and strategic investment consulting for Freeport LNG plant and associated 25 mile pipeline in Texas. Managed multiple field assessment teams and the review of permit and plant design issues identified as critical to successful future operation. Specialized staff conducted a peer review of explosion studies performed for the proposed addition of liquefaction trains to this facility. Mr. Molinaro authored the due diligence report and

coordinated communications with the clients, technical experts, and legal counsel.

**Project Manager, International Aluminum, Due Diligence, Compliance, and Site Investigation and Remediation Consulting.** Project Manager for the private equity acquisition of a vertically integrated industrial company. Managed resources from multiple offices to conduct expedited site audits. Prepared a probabilistic cost model for environmental liabilities that was used to select a basket of properties for securitized leaseback. Oversaw post-closing environmental compliance and site investigation and remediation tasks on multiple sites across the US and Canada, including closure of sites and permitting.

**Project Manager, Pre-acquisition Due Diligence of Forest Product Equipment Manufacturer, Confidential Client, US and Canada, 2014.** Managed the due diligence and compliance assessment of forest product machinery manufacturing company that included manufacturing facilities in the US and Canada and numerous legacy facilities. Managed technical staff from multiple offices to assess traditional soil and groundwater issues and the robustness of environmental and incident prevention programs.

**Project Manager, 700MW Power Plant Pre-acquisition Strategic Due Diligence, Confidential Client, Victorville, California, 2012.** Managed the strategic environmental due diligence for this power plant acquisition including a standard Phase I ESA scope and three key compliance and operational issues related to ongoing plant operation. Mr. Molinaro coordinated URS specialists to evaluate cooling water permitting and future transition to reclaimed water to reduce uncertainty from California aqueduct supply, assess air emissions compliance under current and proposed regulations, and estimate the potential costs and impacts of greenhouse gas allowance purchases under California's AB32 law.

**Environmental Due Diligence of Asphalt Plants, Confidential Major Oil Client, Texas and New**

**Mexico, Project Manager.** Managed environmental due diligence of two asphalt plants located in Albuquerque and El Paso for a major oil client. Used internal company protocols and industry best practices to put environmental findings in context for sale of these assets. Reviewed environmental compliance and spill prevention plans to assess environmental risk from ongoing operations.

**Pre-acquisition Due Diligence of Brake Parts Inc. Auto Parts Manufacturer, Confidential Client, California. Project Manager.** Managed the due diligence and compliance assessment of this automotive part remanufacturing facility. Authored the environmental due diligence report under an extremely aggressive project schedule and prepared a scope for a Phase II investigation conducted by the target company prior to closing.

**Due Diligence and Compliance Assistance of JSDU's Spin-off into Lumentum and Viavi, 2014-2015. Project Manager.** Managed the spin-off due diligence and environmental compliance and permitting tasks required for the spin-off. Assisted the client with regulatory requirements under the Connecticut Transfer Act and local regulations across the portfolio.

**Divestiture Due Diligence of an Electronics Service Division, Confidential Client, 2015. Project Manager.** Managed the divestiture due diligence of 54 sites associated with the client's electronics services division across North America. Managed multiple ERM teams completing the expedited due diligence in three weeks.

**Pre-divestiture due diligence of five power plants, Confidential Client, California, 2015. Project Manager.** Managed the divestiture assessment of five natural gas-fired power plants located across California. Mr. Molinaro planned the site due diligence to include additional items that may be raised by buyer due diligence including greenhouse gases and water usage. He reviewed the environmental due diligence reports and managed

ERM resources from multiple offices working concurrently.

**USPS, Environmental Compliance Reviews, Multiple Locations in California.** Facility audits at large USPS mail processing plants and vehicle maintenance facilities. These multi-media audits assessed compliance with environmental and other regulations at the federal, state, and local level. Performed audits, wrote findings, and produced reports documenting findings. Also responsible for the operation of the findings database (EMIS) used to store and merge findings from multiple facilities.

**Project Auditor, Compliance Auditing of Data Center, Santa Clara, California, Confidential Client.** Assessed data center operations for compliance with environmental and health and safety regulations. This assessment included air emissions, hazardous materials storage and reporting, and storm water compliance.

### Development-Related Due Diligence

**Project Manager. Due Diligence- Phase I and II, and Environmental Compliance Review for Biopharma Facility Acquisition and Redevelopment. Merck. South San Francisco, California.** Managed the due diligence of two existing temporary R&D facilities and a vacant, former industrial site slated for redevelopment into a research campus. Managed an expedited Phase II and agency interaction to assist redevelopment of the new campus. Managed a team performing EHS compliance and air permitting assistance at the two temporary facilities.

**Project Manager. Environmental Due Diligence and Confidential Cost Scenarios, Power Plant, Confidential Power Client, San Francisco, California.** Managed multiple phases of environmental site assessment in preparation for redevelopment of a deactivated power plant and former manufactured gas plant. Condensed over 20 years of environmental investigations into concise summaries and oversaw preparation of risk human

health risk matrices. Prepared confidential remedial cost summaries and integrated them in a redevelopment scenario to assist client's negotiation.

**Project Manager, Pre-acquisition due diligence of two international data center sites, Confidential Client, 2014:** Managed the pre-acquisition assessment of two highly confidential data center sites in Ireland and China for a global high technology firm based in Silicon Valley. Designed the due diligence to include local requirements, future permitting, and baseline Phase II site investigations. These expedited assessments required large local teams and integration with the client's datacenter design and permitting teams.

**Task Manager, Pre-redevelopment Assessment, Former Oak Knoll Naval Medical Center, Confidential Client, Oakland, California.** Reviewed and assessed existing environmental reports for this 180 acre navy hospital to prepare a remedial strategy and cost estimate for environmental remediation in support of redevelopment. Prepared an inventory of environmental issues and a probabilistic cost model to integrate environmental costs into the overall project financial model.

**MacArthur Boulevard Redevelopment Environmental Site Assessment, City of Oakland/CalTrans, Oakland, California. Project Manager.** Planned and managed the combined assessment of numerous parcels along MacArthur Boulevard to support the planned improvements and redevelopment. Managed the field assessment teams and the preparation of the combined report. Issued recommendations to the client for areas requiring a higher level of oversight during excavation and intrusive work.

**Project Manager, Pre-Acquisition Due Diligence of Proposed Innovative Hydrogen Power Plant Site, Confidential Client, California, 2012:** Managed due diligence of the proposed power plant that included over 1,000 acres of buffer agricultural land and existing farm and industrial operations on the proposed footprint. Planned the site due

diligence to include additional items required for the power plant CEQA Application for Certification (AFC) including proposed linears. Authored the environmental due diligence reports and CEQA AFC sections under an aggressive project schedule. Negotiated with CEC staff on the level of reporting required pre-certification and planned additional assessment to be conducted as a condition of certification.

**Pre-acquisition Phase I and Baseline Phase II Site Investigation of Proposed Power Plant Site, Confidential Client, Colusa, California. Project**

**Manager.** Conducted environmental due diligence meeting client and lender standards at a proposed power plant site prior to site acquisition. Managed the baseline site investigation consisting of soil and groundwater investigation. Integrated data collection with the CEQA Application for Certification (AFC) team including collection of additional surface water and groundwater data, and collaboration with the biological survey teams.

**Task Manager, Pre-acquisition due diligence and environmental liability cost estimating for an underwater power cable project, Confidential Client, San Francisco, California.** Conducted environmental site assessment on several alternate parcels identified for use as AC to DC converter stations at the cable terminus. Prepared standard due diligence reports, as well as a detailed remediation/liability cost estimates.

**Task Manager, San Francisco International Airport Runway Safety Area CEQA/NEPA Permitting, San Francisco, CA, San Francisco International Airport:** Managed the CEQA hazardous material portions of the Environmental Assessment (EA) and Initial Study (IS) for this Runway Safety Area project. He assisted the project team and client in evaluating contaminated sites that may pose significant impacts to the construction, and preparing strategies to address the impacts without impacting the project schedule.

**U.S. EPA Region IX START Investigation and Response Contract. Program Manager/Group**

**Manager.** Managed the environmental investigation and response group during this contract that included over 150 task orders totaling over \$12M. In addition to managing the group, managed and performed a range of projects, including emergency responses, Brownfields site assessments, and expedited removals at CERCLA and petroleum sites. Site investigation projects included several mining sites in California and Nevada with a wide range of contaminants.

# Jason Goetz

Partner

EHS partner experienced in the technology sector passionate in delivering innovative services and solutions to clients. Dynamic influencer and technical consultant, skilled in EHS compliance auditing, management systems, safety culture and training, risk management, strategic planning, fire protection, emergency response, crisis management, business continuity, and mission critical facility operations. Respected for actively listening, learning, and advising. Keen ability to lead, manage, mentor, innovate, and set strategic direction collaboratively while taking informed risks to achieve unthinkable results for clients.



**Experience:** 22 years' experience in technology semiconductor manufacturing sector.

**Email:** Jason.Goetz@ERM.com

**LinkedIn:** linkedin.com/in/jasonjgoetz

## Education

- Master of Business Administration, University of Phoenix 2000
- Bachelor of Science - Fire Protection and Safety Engineering Technology, Oklahoma State University 1994

## Professional Affiliations

- American Society of Safety Professionals

## Languages

- English, native speaker

## Fields of Competence

- Mission critical facility operations
- Establishing safety culture
- Construction life cycle
- Management systems
- Compliance auditing
- Risk management
- Fire protection
- Emergency response
- Business continuity

## Key Industry Sectors

- Technology
- Semiconductor Manufacturing



## Key Projects

### **Data Center Initiative**

Lead efforts in technology section to manage the life cycle of mission critical environments. Includes environmental, health, safety, sustainability, and social aspects for strategy/planning, design/engineering, construction, operations & maintenance, decommissioning

### **Key Projects Prior to Joining ERM**

#### **Compliance Program**

Fostered an open culture with global EHS team, strengthening the partnership with the site operations teams around the globe and improved EHS compliance, ISO 14001 environmental and ISO 45001 safety certifications, and 28% reduction in notice of violations

#### **Safety Always**

Implemented a new strategic EHS direction generating significant momentum to changing office safety culture globally resulted in reduced incident rate of 0.69

**ATTACHMENT 2 – HAZARDOUS MATERIALS**

ERM Phase II Environmental Site Assessment

AWS

**SFO069 Due Diligence**

Phase II Environmental Assessment

Draft 3 | November 22, 2019

This report takes into account the particular instructions and requirements of our client.

It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

Job number 271590-00

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**ARUP**

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## Appendices

### **Appendix P** Soil Sampling Data

# 1 Executive Summary

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This report presents the results of a due diligence study undertaken for Amazon Web Services (AWS) by the global Arup engineering and consulting team, in collaboration with the Denver based architecture firm Gensler, local environmental consultants ERM, and local surveyor JMH Weiss. This study identifies critical site development and infrastructure issues that may impact the proposed development of two single-story 12-pod data center buildings and associated infrastructure. The purpose of this study is to outline existing conditions on site, identify red flag issues associated with developing on this site, recommend next steps for further evaluation of site development potential, and inform AWS' decision-making process as to the viability of the Site to support the proposed development.

## 2 Phase II Environmental Investigation

---

### 2.1 Introduction

Based on the findings of the Phase I ESA above, ERM proposed a soil investigation at the Site. The objectives of the investigation were generally to evaluate the potential RECs and more specifically:

- **Agricultural Use:** Are the concentrations of pesticides and other chemicals from past agricultural use above regulatory risk-based screening criteria for worker exposure or soil leaching and may require management to mitigate potential impacts during development or future Site use.
- **Soil Piles:** Are concentrations of likely contaminants in soil piles above regulatory risk-based screening criteria for worker exposure or soil leaching and may require management to mitigate potential impacts during development or future Site use.

Please note that the Phase II ESA was not intended to evaluate ecotoxicity or future residential use at the Site because those uses are not anticipated. ERM performed a Phase II ESA and is preparing a Phase II ESA letter report that will be provided under separate cover.

### 2.2 Phase II ESA Scope

ERM executed the following tasks to meet the above objectives:

- Shallow soil sampling of the recently tilled agricultural land following the DTSC guidance (60 sample aliquots composited into 15 laboratory samples). These samples were analyzed for pesticides and heavy metals (California Assessment Manual list of 17 metals [CAM17]). In addition, 20 percent of the samples (3 locations) were analyzed for an expanded analytical suite including herbicides, organophosphorus pesticides, and perchlorate.
- Sampling the soil piles at the Site including two sample locations per pile advanced with a hand auger. These samples were analyzed for pesticides, CAM17 heavy metals, and total petroleum hydrocarbons. In addition, 25 percent of the samples (1 location) was analyzed for an expanded analytical suite including herbicides, organophosphorus pesticides, and perchlorate.

The agricultural area soil samples were collected on a grid pattern and the soil pile samples were collected as shown in the figure below. The full sampling results may be found in Appendix P. An equipment rinsate blank sample was collected from a decontaminated hand auger to evaluate potential cross-sample contamination.



**Figure 1: Phase II ESA Soil Sample Location Map**

All samples were submitted to Eurofins TestAmerica, a licensed laboratory for analysis following US Environmental Protection Agency methods described in the Phase II ESA letter report. The results were compared to Regional Water Quality Control Board (RWQCB) Region 2 Environmental Screening Levels (ESLs) for commercial land use (worker exposure) and soil leaching potential. In addition, heavy metal results above ESLs were compared to published regional naturally occurring background concentrations.

## 2.3 Phase II ESA Findings

The same analytes were generally detected in excess of screening criteria in samples collected from the agricultural soil and soil piles. Based on the soil analyses described above the shallow soil at the Site can be characterized as follows.

### 2.3.1 Agricultural Soil

- **Heavy metals:** selected samples contained arsenic, cobalt, and nickel concentrations in excess of their respective ESLs, but within the natural background concentrations. Antimony (two samples) and mercury (one sample) were present above their natural background concentrations, but below their respective ESLs. Overall, there is no strong apparent trend in the

heavy metals distributions; however, sample 1A/B/C/D appears to have some of the higher metals concentrations and this is consistent with the proximity/overlap with the southern soil pile. One outlier appears to be soil sample 3A/B/C/D with a mercury concentration above that of the other samples; however, this concentration was below the applicable ESLs.

- **Organochlorine Pesticides:** DDD, DDE, DDT, dieldrin and toxaphene were detected. Only dieldrin was above the soil leaching to groundwater ESL. All pesticides were below the commercial land use and construction worker ESLs. Overall, there is no strong apparent trend in the pesticide distributions; however, the areas of higher concentrations appear to be generally to the west.
- **Herbicides, OPPs, and perchlorate** were not detected.

### 2.3.2 Soil Piles

- **Heavy metals:** arsenic, cobalt, and nickel were present at concentrations above their respective ESLs, but within their published natural background concentrations. Overall, there is no strong apparent trend in the heavy metals distributions.
- **Petroleum hydrocarbons:** low levels of TPH-diesel (up to 14 mg/kg) and TPH-motor oil (up to 62 mg/kg) well below the groundwater protection, commercial land use, and construction worker ESLs.
- **Organochlorine Pesticides:**
  - **Southern Soil Pile:** DDD, DDE, DDT, dieldrin and toxaphene were detected. Only dieldrin was above the soil leaching to groundwater ESL, but below the construction worker and commercial worker direct exposure ESLs.
  - **Northern Soil Pile:** no pesticides were detected. The pesticide results suggest that soil in the northern soil pile has a different origin than soil in the agricultural field and southern soil pile.
- **Herbicides, OPPs, and perchlorate** were not detected in either soil pile.

## 2.4 Phase II ESA Conclusions

Based on the results of the soil samples collected and evaluated against the selected screening criteria, ERM did not identify significant impacts to surface soils for the sampled analytes, which would preclude the continued or future use of the Subject Property for commercial/industrial purposes. Although the presence of residual OCPs is typical of agricultural soil, the presence of dieldrin above the soil leaching to groundwater ESL suggests that regulatory agency concurrence or mitigation measures may be required. In addition, because OCPs and heavy metals are present in Site soils, it would be prudent to include them in considerations for construction worker safety.



## **Appendix P**

### Soil Sampling Data

Table 1A - Organic Constituents in Agricultural Soil															
Group	Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)										
			Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water	720-95707-5 1A,B,C,D 10/22/2019	720-95707-10 2A,B,C,D 10/22/2019	720-95707-15 3A,B,C,D 10/22/2019	720-95707-20 4A,B,C,D 10/22/2019	720-95707-25 5A,B,C,D 10/22/2019	720-95707-30 6A,B,C,D 10/22/2019	720-95707-35 7A,B,C,D 10/22/2019	720-95707-40 8A,B,C,D 10/22/2019	720-95707-45 9A,B,C,D 10/22/2019	720-95707-50 10A,B,C,D 10/22/2019
Organochlorine Pesticides	Aldrin	µg/Kg	1.00E+03	1.50E+02	8.40E+03	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Dieldrin	µg/Kg	1.10E+03	1.60E+02	4.60E-01	<9.8	3.6	7.7	9.3	5.6	9.4	8.4	6.7	14	5.8
	Erin aldehyde	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Erin	µg/Kg	7.40E+04	2.90E+05	7.60E+00	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Erin ketone	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Heptachlor	µg/Kg	3.70E+03	5.30E+02	4.40E+04	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Heptachlor epoxide	µg/Kg	1.90E+03	2.80E+02	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	4,4'-DDT	µg/Kg	5.70E+04	8.50E+03	5.60E+03	<9.8	3.2	29	33	18	39	17	18	30	6.8
	4,4'-DDE	µg/Kg	5.70E+04	8.30E+03	2.90E+04	660	110	190	180	130	220	180	140	200	150
	4,4'-DDD	µg/Kg	8.10E+04	1.20E+04	6.50E+04	27	6.5	4.3	5.1	2.5	5.9	4.3	<1.9	6.6	9.2
	Eosulfan I	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Eosulfan II	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	alpha-BHC	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	beta-BHC	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	gamma-BHC (Liane)	µg/Kg	1.60E+04	2.50E+03	7.40E+00	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	delta-BHC	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Eosulfan sulfate	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Methoxychlor	µg/Kg	1.20E+06	4.80E+07	1.30E+01	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Toxaphene	µg/Kg	1.40E+04	2.20E+03	2.50E+05	<200	110	140	200	150	200	170	120	170	56
	Chlordane (technical)	µg/Kg	1.40E+04	2.20E+03	2.30E+04	<200	<39	<39	<40	<40	<38	<38	<39	<39	<39
	cis-Chlordane	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	trans-Chlordane	µg/Kg	NE	NE	NE	<9.8	<1.9	<2.0	<2.0	<2.0	<1.9	<1.9	<1.9	<2.0	
	Organophosphorous Pesticides	Azinphos-methyl	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32
Bolstar		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Chlorpyrifos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Coumaphos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Demeton, Total		µg/Kg	NE	NE	NE	--	<64	--	--	--	--	--	--	<64	
Diazinon		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Dichlorvos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Dimethoate		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Disulfoton		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
EPN		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Famphur		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Fensulfthion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Fenthion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Malathion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Methyl parathion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Mevinphos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
O,O,O-Triethyl phosphorothioate		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Parathion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Phorate		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Ronnel		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Stirophos		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Sulfotepp		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Tokuthion		µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32	
Trichloronate	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32		
Mocap	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32		
Thionazin	µg/Kg	NE	NE	NE	--	<32	--	--	--	--	--	--	<32		
Herbicides	2,4-D	µg/Kg	NE	NE	NE	--	<80	--	--	--	--	--	--	<79	
	2,4,5-T	µg/Kg	NE	NE	NE	--	<20	--	--	--	--	--	--	<20	
	Silvex (2,4,5-TP)	µg/Kg	NE	NE	NE	--	<20	--	--	--	--	--	--	<20	
Perchlorate	µg/Kg	2.50E+05	8.20E+05	NE	--	<4.9	--	--	--	--	--	--	<4.9		

Value exceeds lowest ESL

Notes:  
 =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).  
 µg/Kg =Micrograms per kilogram.  
 NE =Not established.  
 <# =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Fouation of Soil Science at University of California (1996) a Duverge (2011).  
 -- =Not analyzed.  
 For each respective ESL, the stated value is the lowest value between cancer a non-cancer risk.

Table 1A - Organic Constituents in Agricultural Soil										
Group	Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)					
			Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water	720-95707-55 11A, B, C, D 10/22/2019	720-95707-60 12A, B, C, D 10/22/2019	720-95707-65 13A, B, C, D 10/22/2019	720-95707-70 14A, B, C, D 10/22/2019	720-95707-75 15A, B, C, D 10/22/2019
Organochlorine Pesticides	Aldrin	µg/Kg	1.00E+03	1.50E+02	8.40E+03	<1.9	<2.0	<2.0	<2.0	<1.9
	Dieldrin	µg/Kg	1.10E+03	1.60E+02	4.60E-01	3.5	<2.0	4	4.2	2.1
	Erin aldehyde	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Erin	µg/Kg	7.40E+04	2.90E+05	7.60E+00	<1.9	<2.0	<2.0	<2.0	<1.9
	Erin ketone	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Heptachlor	µg/Kg	3.70E+03	5.30E+02	4.40E+04	<1.9	<2.0	<2.0	<2.0	<1.9
	Heptachlor epoxide	µg/Kg	1.90E+03	2.80E+02	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	4,4'-DDT	µg/Kg	5.70E+04	8.50E+03	5.60E+03	8	11	10	9.4	2.5
	4,4'-DDE	µg/Kg	5.70E+04	8.30E+03	2.90E+04	140	220	160	160	30
	4,4'-DDD	µg/Kg	8.10E+04	1.20E+04	6.50E+04	8.6	12	7.7	14	2.4
	Eosulfan I	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Eosulfan II	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	alpha-BHC	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	beta-BHC	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	gamma-BHC (Liane)	µg/Kg	1.60E+04	2.50E+03	7.40E+00	<1.9	<2.0	<2.0	<2.0	<1.9
	delta-BHC	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Eosulfan sulfate	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Methoxychlor	µg/Kg	1.20E+06	4.80E+07	1.30E+01	<1.9	<2.0	<2.0	<2.0	<1.9
	Toxaphene	µg/Kg	1.40E+04	2.20E+03	2.50E+05	58	160	96	120	52
	Chlordane (technical)	µg/Kg	1.40E+04	2.20E+03	2.30E+04	<38	<40	<40	<40	<38
	cis-Chlordane	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	trans-Chlordane	µg/Kg	NE	NE	NE	<1.9	<2.0	<2.0	<2.0	<1.9
	Organophosphorous Pesticides	Azinphos-methyl	µg/Kg	NE	NE	NE	<32	--	--	--
Bolstar		µg/Kg	NE	NE	NE	<32	--	--	--	--
Chlorpyrifos		µg/Kg	NE	NE	NE	<32	--	--	--	--
Coumaphos		µg/Kg	NE	NE	NE	<32	--	--	--	--
Demeton, Total		µg/Kg	NE	NE	NE	<65	--	--	--	--
Diazinon		µg/Kg	NE	NE	NE	<32	--	--	--	--
Dichlorvos		µg/Kg	NE	NE	NE	<32	--	--	--	--
Dimethoate		µg/Kg	NE	NE	NE	<32	--	--	--	--
Disulfoton		µg/Kg	NE	NE	NE	<32	--	--	--	--
EPN		µg/Kg	NE	NE	NE	<32	--	--	--	--
Famphur		µg/Kg	NE	NE	NE	<32	--	--	--	--
Fensulfthion		µg/Kg	NE	NE	NE	<32	--	--	--	--
Fenthion		µg/Kg	NE	NE	NE	<32	--	--	--	--
Malathion		µg/Kg	NE	NE	NE	<32	--	--	--	--
Methyl parathion		µg/Kg	NE	NE	NE	<32	--	--	--	--
Mevinphos		µg/Kg	NE	NE	NE	<32	--	--	--	--
O,O,O-Triethyl phosphorothioate		µg/Kg	NE	NE	NE	<32	--	--	--	--
Parathion		µg/Kg	NE	NE	NE	<32	--	--	--	--
Phorate		µg/Kg	NE	NE	NE	<32	--	--	--	--
Ronnel		µg/Kg	NE	NE	NE	<32	--	--	--	--
Stirophos		µg/Kg	NE	NE	NE	<32	--	--	--	--
Sulfotepp		µg/Kg	NE	NE	NE	<32	--	--	--	--
Tokuthion		µg/Kg	NE	NE	NE	<32	--	--	--	--
Trichloronate	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Mocap	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Thionazin	µg/Kg	NE	NE	NE	<32	--	--	--	--	
Herbicides	2,4-D	µg/Kg	NE	NE	NE	<80	--	--	--	--
	2,4,5-T	µg/Kg	NE	NE	NE	<20	--	--	--	--
	Silvex (2,4,5-TP)	µg/Kg	NE	NE	NE	<20	--	--	--	--
Perchlorate	µg/Kg	2.50E+05	8.20E+05	NE	<4.8	--	--	--	--	

Value exceeds lowest ESL.

Notes:  
 =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).  
 µg/Kg =Micrograms per kilogram.  
 NE =Not established.  
 <# =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Fouation of Soil Science at University of California (1996) a Duverge (2011).  
 -- =Not analyzed.  
 For each respective ESL, the stated value is the lowest value between cancer a non-cancer risk.

Table 1B - Organic Constituents in Soil Piles									
Group	Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	720-95707-76 N1 10/22/2019	720-95707-77 N2 10/22/2019	720-95707-78 S1 10/22/2019	720-95707-79 S2 10/22/2019
			Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water				
Total Petroleum Hydrocarbons	Diesel Range Organics [C10-C28]	mg/Kg	1.10E+03	1.20E+03	1.10E+03	14	3.8	11	4.2
	Motor Oil Range Organics [C24-C36]	mg/Kg	5.40E+04	1.80E+05	NE	58	<49	62	<48
Organochlorine Pesticides	Aldrin	µg/Kg	1.00E+03	1.50E+02	8.40E+03	<1.9	<1.9	<2.0	<2.0
	Dieldrin	µg/Kg	1.10E+03	1.60E+02	4.60E+01	<1.9	<1.9	4.8	9.5
	Endrin aldehyde	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Endrin	µg/Kg	7.40E+04	2.90E+05	7.60E+00	<1.9	<1.9	<2.0	<2.0
	Endrin ketone	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Heptachlor	µg/Kg	3.70E+03	5.30E+02	4.40E+04	<1.9	<1.9	<2.0	<2.0
	Heptachlor epoxide	µg/Kg	1.90E+03	2.80E+02	NE	<1.9	<1.9	<2.0	<2.0
	4,4'-DDT	µg/Kg	5.70E+04	8.50E+03	5.60E+03	<1.9	<1.9	9.4	30
	4,4'-DDE	µg/Kg	5.70E+04	8.30E+03	2.90E+04	<1.9	<1.9	230	240
	4,4'-DDD	µg/Kg	8.10E+04	1.20E+04	6.50E+04	<1.9	<1.9	11	9.5
	Endosulfan I	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Endosulfan II	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	alpha-BHC	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	beta-BHC	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	gamma-BHC (Lindane)	µg/Kg	1.60E+04	2.50E+03	7.40E+00	<1.9	<1.9	<2.0	<2.0
	delta-BHC	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Endosulfan sulfate	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0
	Methoxychlor	µg/Kg	1.20E+06	4.80E+07	1.30E+01	<1.9	<1.9	<2.0	<2.0
	Toxaphene	µg/Kg	1.40E+04	2.20E+03	2.50E+05	<39	<38	88	210
	Chlordane (technical)	µg/Kg	1.40E+04	2.20E+03	2.30E+04	<39	<38	<39	<39
cis-Chlordane	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0	
trans-Chlordane	µg/Kg	NE	NE	NE	<1.9	<1.9	<2.0	<2.0	
Organophosphorous Pesticides	Azinphos-methyl	µg/Kg	NE	NE	NE	<33	--	--	--
	Bolstar	µg/Kg	NE	NE	NE	<33	--	--	--
	Chlorpyrifos	µg/Kg	NE	NE	NE	<33	--	--	--
	Coumaphos	µg/Kg	NE	NE	NE	<33	--	--	--
	Demeton, Total	µg/Kg	NE	NE	NE	<66	--	--	--
	Diazinon	µg/Kg	NE	NE	NE	<33	--	--	--
	Dichlorvos	µg/Kg	NE	NE	NE	<33	--	--	--
	Dimethoate	µg/Kg	NE	NE	NE	<33	--	--	--
	Disulfoton	µg/Kg	NE	NE	NE	<33	--	--	--
	EPN	µg/Kg	NE	NE	NE	<33	--	--	--
	Famphur	µg/Kg	NE	NE	NE	<33	--	--	--
	Fensulfothion	µg/Kg	NE	NE	NE	<33	--	--	--
	Fenthion	µg/Kg	NE	NE	NE	<33	--	--	--
	Malathion	µg/Kg	NE	NE	NE	<33	--	--	--
	Methyl parathion	µg/Kg	NE	NE	NE	<33	--	--	--
	Mevinphos	µg/Kg	NE	NE	NE	<33	--	--	--
	O,O,O-Triethyl phosphorothioate	µg/Kg	NE	NE	NE	<33	--	--	--
	Parathion	µg/Kg	NE	NE	NE	<33	--	--	--
	Phorate	µg/Kg	NE	NE	NE	<33	--	--	--
	Ronnel	µg/Kg	NE	NE	NE	<33	--	--	--
Stirophos	µg/Kg	NE	NE	NE	<33	--	--	--	
Sulfotepp	µg/Kg	NE	NE	NE	<33	--	--	--	
Tokuthion	µg/Kg	NE	NE	NE	<33	--	--	--	
Trichloronate	µg/Kg	NE	NE	NE	<33	--	--	--	
Mocap	µg/Kg	NE	NE	NE	<33	--	--	--	
Thionazin	µg/Kg	NE	NE	NE	<33	--	--	--	
Herbicides	2,4-D	µg/Kg	NE	NE	NE	<79	--	--	--
	2,4,5-T	µg/Kg	NE	NE	NE	<20	--	--	--
	Silvex (2,4,5-TP)	µg/Kg	NE	NE	NE	<20	--	--	--
Perchlorate	Perchlorate	µg/Kg	2.50E+05	8.20E+05	NE	<4.9	--	--	--

Value exceeds lowest ESL.

- Notes:  
 ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).  
 µg/Kg =Micrograms per kilogram.  
 mg/Kg =Milligrams per kilogram.  
 NE =Not established.  
 ND<# =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1996) and Duverge (2011).  
 -- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

Table 2A - Heavy Metals in Agricultural Soil

Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-5 1A,B,C,D 10/22/2019	720-95707-6 2A 10/22/2019	720-95707-10 2A,B,C,D 10/22/2019	720-95707-15 3A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.8	--	<1.3	<1.9
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.6	3.7	<2.6	<3.7
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	180	--	170	200
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.42	--	0.38	0.46
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.45	--	<0.32	<0.46
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	170	--	150	160
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	30	--	27	29
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	51	--	48	46
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	11	--	8.5	9.1
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.13	--	0.088	2.7
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.8	--	<1.3	<1.9
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	170	--	150	170
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.6	--	<2.6	<3.7
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.90	--	<0.65	<0.93
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.8	--	<1.3	<1.9
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	120	--	100	110
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	77	--	64	69

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

**Notes:**

ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).

mg/Kg =Milligrams per kilogram.

NE =Not established.

ND&lt;# =Not detected above stated laboratory detection limit.

\*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1996) and Duverge (2011).

-- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer.

Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-16 4A 10/22/2019	720-95707-20 4A,B,C,D 10/22/2019	720-95707-25 5A,B,C,D 10/22/2019	720-95707-30 6A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	--	2.6	1.9	2.1
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.9	3	<3.8	<2.9
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	--	210	190	210
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	--	0.63	0.59	0.64
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	--	<0.32	<0.48	<0.37
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	--	130	140	140
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	--	27	24	27
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	--	52	45	51
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	--	10	9.3	11
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	--	0.071	0.099	0.068
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	--	<1.3	<1.9	<1.5
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	--	170	150	170
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	--	<2.5	<3.8	<2.9
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	--	<0.64	<0.96	<0.74
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	--	<1.3	<1.9	<1.5
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	--	89	93	93
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	--	71	67	72

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

- Notes:**
- ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level
  - mg/Kg =Milligrams per kilogram.
  - NE =Not established.
  - ND<# =Not detected above stated laboratory detection limit.
  - \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1982)
  - =Not analyzed.
- For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-35 7A,B,C,D 10/22/2019	720-95707-40 8A,B,C,D 10/22/2019	720-95707-41 9A 10/22/2019	720-95707-45 9A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1)  Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1)  Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3)  Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.4	<1.5	--	<2.0
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<2.9	<3.0	<2.9	<4.0
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	170	220	--	210
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.41	0.59	--	0.63
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.36	<0.37	--	<0.50
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	130	120	--	120
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	27	30	--	26
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	40	42	--	45
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	7.1	7.9	--	9.4
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.19	0.2	--	0.063
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.4	<1.5	--	<2.0
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	160	160	--	150
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<2.9	<3.0	--	<4.0
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.72	<0.74	--	<1.0
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.4	<1.5	--	<2.0
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	97	92	--	88
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	59	62	--	69

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

**Notes:**  
 ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level  
 mg/Kg =Milligrams per kilogram.  
 NE =Not established.  
 ND<# =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1982)  
 -- =Not analyzed.  
 For each respective ESL, the stated value is the lowest value between cancer and non-cancer.

Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-50 10A,B,C,D 10/22/2019	720-95707-51 11A 10/22/2019	720-95707-55 11A,B,C,D 10/22/2019	720-95707-60 12A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.5	--	<1.5	<2.0
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.0	<3.4	<3.0	<4.0
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	200	--	180	200
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.67	--	0.66	0.74
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.38	--	<0.38	<0.50
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	130	--	130	140
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	27	--	28	27
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	44	--	42	48
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	8.9	--	8.7	9.7
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.074	--	0.086	0.062
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.5	--	<1.5	<2.0
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	160	--	160	160
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.0	--	<3.0	<4.0
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.75	--	<0.76	<1.0
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.5	--	<1.5	<2.0
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	96	--	100	100
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	67	--	62	71

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

**Notes:**  
 ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level  
 mg/Kg =Milligrams per kilogram.  
 NE =Not established.  
 ND<# =Not detected above stated laboratory detection limit.  
 \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1982)  
 -- =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.



Table 2A - Heavy Metals in Agricultural Soil									
Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-65 13A,B,C,D 10/22/2019	720-95707-70 14A,B,C,D 10/22/2019	720-95707-71 15A 10/22/2019	720-95707-75 15A,B,C,D 10/22/2019
		Direct Exposure Human Health Risk Levels (Table S-1) Construction Worker	Direct Exposure Human Health Risk Levels (Table S-1) Commercial/Industrial Shallow Soil	Leaching to Groundwater Levels (Table S-3) Assuming Drinking Water					
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.9	<1.9	--	<2.0
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	<3.8	<3.8	3.9	<3.9
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	180	160	--	190
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.51	0.5	--	0.59
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.47	<0.48	--	<0.49
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	120	130	--	110
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	30	27	--	22
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	43	42	--	37
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	8.9	8.5	--	13
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.092	0.12	--	0.081
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.9	<1.9	--	<2.0
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	150	150	--	120
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.8	<3.8	--	<3.9
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.94	<0.96	--	<0.98
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.9	<1.9	--	<2.0
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	95	99	--	82
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	59	63	--	59

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

- Notes:**
- ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level
  - mg/Kg =Milligrams per kilogram.
  - NE =Not established.
  - ND<# =Not detected above stated laboratory detection limit.
  - \*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1982)
  - =Not analyzed.

For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

Table 2B - Heavy Metals in Soil Piles

Analyte	Units	ESL (2019 Rev 2)	ESL (2019 Rev 2)	ESL (2019 Rev 2)	Background Concentration**	720-95707-76	720-95707-77	720-95707-78	720-95707-79
		Direct Exposure Human Health Risk Levels (Table S.4)	Direct Exposure Human Health Risk Levels (Table S.4)	Leaching to Groundwater Levels (Table S.2) Assuming Drinking Water		N1	N2	S1	S2
		Construction Worker	Commercial/Industrial Shallow Soil			10/22/2019	10/22/2019	10/22/2019	10/22/2019
Antimony	mg/Kg	5.0E+01	1.6E+02	NE	1.95E+00	<1.6	<1.6	<2.0	<1.8
Arsenic	mg/Kg	9.8E-01	3.1E-01	NE	1.1E+01	4	4.8	5.5	<3.7
Barium	mg/Kg	3.0E+03	2.2E+05	NE	1.400E+03	260	170	260	170
Beryllium	mg/Kg	2.7E+01	2.3E+02	NE	2.70E+00	0.91	0.65	0.69	0.5
Cadmium	mg/Kg	5.1E+01	1.1E+03	NE	1.70E+00	<0.40	<0.40	<0.50	<0.46
Chromium (III)	mg/Kg	5.3E+05	1.8E+06	NE	1.579E+03	43	41	190	120
Cobalt	mg/Kg	2.8E+01	3.5E+02	NE	4.69E+01	12	11	38	27
Copper	mg/Kg	1.4E+04	4.7E+04	NE	9.64E+01	29	32	62	44
Lead	mg/Kg	1.6E+02	3.2E+02	NE	9.71E+01	10	8.2	14	9.2
Mercury	mg/Kg	4.4E+01	1.9E+02	NE	9.0E-01	0.04	0.05	0.06	0.07
Molybdenum	mg/Kg	1.8E+03	5.8E+03	NE	9.6E+00	<1.6	<1.6	<2.0	<1.8
Nickel	mg/Kg	8.6E+01	1.1E+04	NE	5.09E+02	34	51	210	160
Selenium	mg/Kg	1.7E+03	5.8E+03	NE	4.30E-01	<3.2	<3.2	<4.0	<3.7
Silver	mg/Kg	1.8E+03	5.8E+03	NE	8.30E+00	<0.80	<0.81	<1.0	<0.92
Thallium	mg/Kg	3.5E+00	1.2E+01	NE	1.10E+00	<1.6	<1.6	<2.0	<1.8
Vanadium	mg/Kg	4.7E+02	5.8E+03	NE	2.88E+02	54	50	150	110
Zinc	mg/Kg	1.1E+05	3.5E+05	NE	2.36E+02	53	55	97	67

Value exceeds lowest ESL.

Value exceeds background concentration, but is below lowest ESL.

## Notes:

- ESL =San Francisco Regional Water Quality Control Board (SFRWQCB) Environmental Screening Level (ESL) (2019, R2).  
mg/Kg =Milligrams per kilogram.  
NE =Not established.  
ND<# =Not detected above stated laboratory detection limit.  
\*\* =Maximum values calculated in Kearney Foundation of Soil Science at University of California (1996) and Duverge (2011).  
-- =Not analyzed.  
For each respective ESL, the stated value is the lowest value between cancer and non-cancer risk.

**ATTACHMENT 3 – HAZARDS AND HAZARDOUS MATERIALS**

Diesel Exhaust Fluid MSDS

DEF Tank Schematic



# Safety Data Sheet

## 1. Product Identifier and Company Identification

**Product name** : Urea Solution – High Purity 32.5%  
**HBCC SDS number** : CU02460M0  
**Synonym** : Urea Solution; Urea liquor; Diesel Exhaust Fluid (DEF),  
**Product use and Restrictions** : Refer to label or call  
**Manufacturer** : Corporate Headquarters  
**Contact Address** : Hill Brothers Chemical Company  
1675 North Main Street  
Orange, California 92867  
714-998-8800  
800-821-7234  
Corporate Safety & Compliance  
Hill Brothers Chemical Company  
7121 West Bell Road, Suite 250  
Glendale, Arizona 85308  
623-535-9955 - Office  
623-535-9944 - Fax  
**Emergency telephone Number (Chemtrec)** : 800-424-9300  
**Website** : <http://hillbrothers.com>

## 2. Hazard Identification

**Classification** : None  
**Signal Word** : None  
**Pictogram(s)** : None  
**Hazard Statements** : None

### Precautionary Statements

**Response** : None  
**Prevention** : None  
**Storage** : None  
**Disposal** : None

## 3. Composition/Information on Ingredients

CAS Number	Ingredient Name	Weight %
57-13-6	Urea	31-33%
7732-18-5	Water	67-69%
7664-41-7	Ammonia	≤0.15%

## 4. First Aid Measures

### Summary of First Aid Measures

**Ingestion** : Do not induce vomiting. Get medical attention immediately.  
**Inhalation** : Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

- Skin** : Remove contaminated clothing. Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
- Eyes** : Immediately flush with large amounts of water, including under the eyelids. If pain or irritation persists seek medical attention. Speed and thoroughness in rinsing eyes are important to avoid permanent injury.

**Medical Conditions**

Effects of Acute and Delayed Exposure

- Inhalation** : May cause respiratory irritation.
- Skin Contact** : May cause skin irritation.
- Eye Contact** : May cause eye irritation.
- Ingestion** : Do not induce vomiting. Get medical attention immediately.
- Chronic Symptoms** : None expected under normal conditions of use.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

- : If exposed and feeling unwell, seek medical advice (show the label where possible).

**5. Fire Fighting Measures**

- Extinguishing** : Use extinguishing media appropriate for surrounding fire. Unsuitable Extinguishing Media: Do not use heavy water stream. Use of Heavy water stream of water may spread fire.
- Special Exposure Hazards** : Fire Hazard: Not combustible but may decompose at high temperatures. Explosion Hazard: Product is not explosive. Reactivity: Hazardous reactions will not occur under normal conditions.
- Special Protective** : Do not enter fire area without proper protective equipment, including Respiratory protection.
- Fire Fighting Procedures** : Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present. Firefighting Instructions: Use water spray or fog for cooling exposed containers.
- NFPA Rating** : Health - 1  
Flammability - 0  
Instability - 0



0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

## 6. Accidental Release Measures

- Personal Precautions** : Equip Cleanup crew with proper protection.
- Emergency Procedures** : Ventilate area.
- Methods of Containment And Clean-Up** : Contain any spills to prevent migration and entry into sewers or streams. Clean up spills immediately and dispose of safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities as appropriate after a spill. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

## 7. Handling and Storage

- Safe Handling** : Store in compliance with all Federal, State, and local regulations. Store in a well-ventilated area, away from incompatible materials or sources of heat and ignition. Empty containers may contain residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flames, sparks or other sources of ignition; they may evolve noxious fumes.
- Storage** : Store in compliance with all Federal, State, and local regulations.
- Work/Hygienic Practices** : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

## 8. Exposure Controls/Personal Protection

**Occupational Exposure Limits** :

Chemical Name: Urea Solution – High Purity 32.5%				
Exposure Limits (TWAs) in Air				
CAS Number	Chemical	ACGIH TLV	OSHA PEL	STEL
57-13-6	Urea	N/A	N/A	N/A
7664-41-7	Ammonia	25	50	35

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available but not required.

**Protective Equipment** : Safety glasses, gloves and general work clothing are recommended. Where Ventilation is insufficient, wear respiratory protection. Wearing of appropriate protective clothing and gloves is suggested if epidermal sensitivity develops. Wear chemically resistant protectives gloves.

**Eye Protection** : Safety glasses.

**Respiratory** : Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

## 9. Physical and Chemical Properties

<b>Appearance:</b> Colorless liquid	<b>Odor:</b> slight ammonia odor
<b>Odor Threshold:</b> Not available	<b>pH:</b> 7.5-10
<b>Melting Point/Freezing Point:</b> 11.5F	<b>Initial Boiling Point/Range:</b> 219°F
<b>Flash Point:</b> Not applicable	<b>Evaporation Rate (BuAc=1):</b> Not available
<b>Flammability:</b> Not applicable	<b>Lower/Upper Explosive Limit:</b> Not applicable
<b>Vapor Pressure (mmHg):</b> Not available	<b>Vapor Density (Air=1):</b> Not available
<b>Specific Gravity @ 20°C:</b> 1.09cc (9.1 lb/gal)	<b>Solubility in Water:</b> 100%
<b>Heat of Solution in H<sub>2</sub>O:</b> Not available	<b>Heat Capacity at 25° C (77° F):</b> Not available
<b>Decomposition Temperature:</b> 135°C (275°F) Urea	<b>Density at 25° C (77° F):</b> 9.1 Lbs./Gal
<b>% Volatiles:</b> Not available	<b>Loose Bulk Density:</b> Not available
<b>Molecular Weight:</b> 60.07 (100% Urea)	<b>VOC:</b> Not available

## 10. Stability and Reactivity

<b>Reactivity</b>	: Hazardous reactions will not occur under normal conditions.
<b>Chemical Stability</b>	: Stable under recommended handling and storage conditions (see section 7).
<b>Possibility of Hazardous Reactions or Polymerizations</b>	: Hazardous polymerization will not occur.
<b>Conditions to Avoid</b>	: Avoid exposing containers to heat or flame. Keep separated from incompatible materials.
<b>Incompatible Materials</b>	: Nitric acid. Gallium. Perchlorates. Strong oxidizers. Caustic products. Alkalis.
<b>Hazardous Decomposition Products</b>	: Ammonia. Nitrogen oxides.

## 11. Toxicological Information

<b>Acute and Chronic Effects</b>	: Not classified
<b>Routes of Exposure</b>	
<b>Inhalation</b>	: Yes
<b>Ingestion</b>	: Yes
<b>Skin</b>	: Yes
<b>Eyes</b>	: Yes
<b>Symptoms related to Physical, Chemical &amp; Toxicological Characteristics</b>	: Not classified
<b>Numerical Measures of Toxicity (Urea)</b>	: LD50 Oral Rat = 8471 mg/kg

**Numerical Measures of Toxicity (Ammonia)** : LD50 Inhalation Rat = 5.1 mg/l (exposure time 1 h)  
 LD50 Inhalation Rat = 2000 ppm/4h (exposure time 4 h)

**Chronic Toxicity** : None expected under normal conditions of use.

**Carcinogenicity** :

Product Name: Urea Solution – High Purity 32.5%					
ACGIH	IARC	EPA	NIOSH	NTP	OSHA
-	-	-	-	-	-

**TARGET ORGANS** : N/A

## 12. Ecological Information

**Ecotoxicity** : **Urea**  
 LC50 Fish 1 = 16200 -18300 mg/l (exposure time 96 h – Species: Poecilia reticulata)  
 EC50 Daphnia 1 = 3910 mg/l (exposure time 48 h – Species: Daphnia magna [static])  
**Ammonia**  
 LC50 Fish 1 = 0.44 mg/l (exposure time 96 h – Species: Cyprinus carpio)  
 EC50 Daphnia 1 = 25.4 mg/l (exposure 48 h – Species: Daphnia magna)  
 LC50 Fish 2 = 0.26 - 4.6 mg/l (exposure 96 h – Species: Lepomis macrochirus)

**Persistence and Degradability** : Not available

**Bioaccumulative Potential** :

Product/Ingredient	Log <sub>Pow</sub>	BCF	Potential
Urea	-1.59 (at 25°C)	<10	-

**Mobility in Soil** : Not available

## 13. Disposal Considerations

Dispose of waste material in accordance with all local, regional, national, and international regulations.  
 Additional Information: Spilled chemical can be used as fertilizer.

## 14. Transport Information

This product is not regulated for transport as a hazardous material, substance or dangerous good.

## 15. Regulatory Information

**SARA 302 Extremely Hazardous Substances (EHS)** : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) under Section 302 of EPCRA.

**SARA 304 Extremely Hazardous Substances (EHS) Release Notification** : No chemical in this product is listed as an Extremely Hazardous Substance (EHS) which, if released to the environment in quantities at or above the substance's Reportable Quantity (RQ), would require reporting to the SERC and LEPC under Section 304 of EPCRA.



**SARA 311/312 Hazards**

:

SARA 311/312 Hazards				
Acute	Chronic	Flammability	Pressure	Reactivity
No	No	No	No	No

**SARA 313 Reportable Chemicals**

: No chemical in this product is subject to annual emissions, transfers, or waste management reporting under the Community-Right-to-Know provisions of EPCRA Section 313, also known as the Toxic Release Inventory (TRI) Report or Form R.

**CERCLA Hazardous Substances**

: No chemical in this product is listed as a CERCLA hazardous substance subject to the National Response Center (NRC) release reporting requirements.

**Clean Air Act (CAA) Section 112(r) Air Pollutants**

: No chemical in this product is listed as an air pollutant under the U.S. Clean Air Act, Section 112(r) (40 CFR 61).

**California Prop 65 Chemicals**

: This product does not contain any chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

**Hazard Label Warning**

: This product does not require hazard label warnings.

**TSCA (Toxic Substances Control Act)**

: All chemical substances in this product are listed on the U.S. TSCA Inventory List.

**ACRONYMS:**

- CAS # - Chemical Abstract Services Registry Number
- CFR - Code of Federal Regulations
- CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
- EPCRA - Emergency Planning and Community Right-to-Know Act
- LEPC - Local Emergency Planning Committee
- SERC - State Emergency Response Commission

<b>16. Other Information</b>
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- Revision date** :
- Supersedes** :
- First Issue** : 09/28/2017
- Section(s) changed since last revision** : First Issue SDS

**IMPORTANT!** Read this SDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This SDS has been prepared in accordance with the Globally Harmonized System of Chemical and Labeling of Chemicals (GHS) Fifth Edition and the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The SDS information is based on sources believed to be reliable. Available data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control; **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy

FITTING LIST		
ITEM	QTY	DESCRIPTION
A	1	2" LEAK DETECT FOR BOTH UL-142 & DEF TANK
B	1	10" SEC. E-VENT @ 332,000 CUBIC FT/HR
C	1	2" NORMAL (W/FLAME ARRESTOR)
D	1	10" PRI. E-VENT @ 211,100 CUBIC FT/HR
ALL		VENT(S) EXT. = 12' ABOVE TANK TOP
E	2	2" EXTRA FITTING PORT
F	1	4"x3" FILL W/LOCKING CAP
H	1	2" CONTINUOUS FUEL GAUGE 95% C-HIGH/90% HIGH/25% LOW/10% C-LOW/PUMP START STOP
J	1	2"x3/4" SUPPLY W/DROP TUBE & CHECK VALVE
K	1	2"x3/4" RETURN W/DROP TUBE
S	1	SENSOR PORT
FUEL CAPACITY		
4925	GAL. AT 100%	
4531	GAL. AT 92% FUEL FULL SHUT OFF	
4433	GAL. AT 90% HIGH ALARM	
4469	USABLE GAL. TO GENERATOR AT 90% HIGH ALARM (DROP TUBE LOSS)	
WEIGHT OF TANK		
35,200	LBS. DRY WEIGHT	

REV	DATE	BY	DESCRIPTION
A	03-03-21	SC	ISSUED FOR APPROVAL
B	04-22-21	DP	UPDATED SUBMITTALS TO INCLUDE TIER 4 SYSTEM
C	06-03-21	CC	UPDATED EPMS PER CUSTOMER REDLINES

**ISSUED FOR APPROVAL**

THE INFORMATION ON THIS DOCUMENT IS INTENDED TO CONVEY AND DOCUMENT THAT THE CONTRACT SPECIFICATION HAS BEEN ACCURATELY INTERPRETED AND MAY NOT BE ACCURATE FOR CONSTRUCTION PURPOSES.

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES  
**DO NOT SCALE**

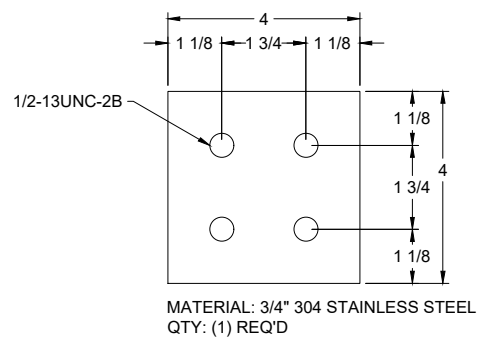
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 CHECKED BY: SC DATE: 02-19-21  
 APPROVED BY: JT DATE: 02-19-21

PROJECT NAME: **SFO 069**

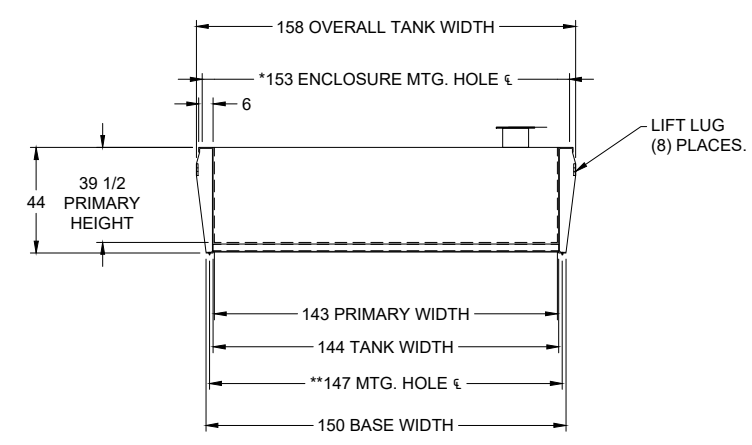
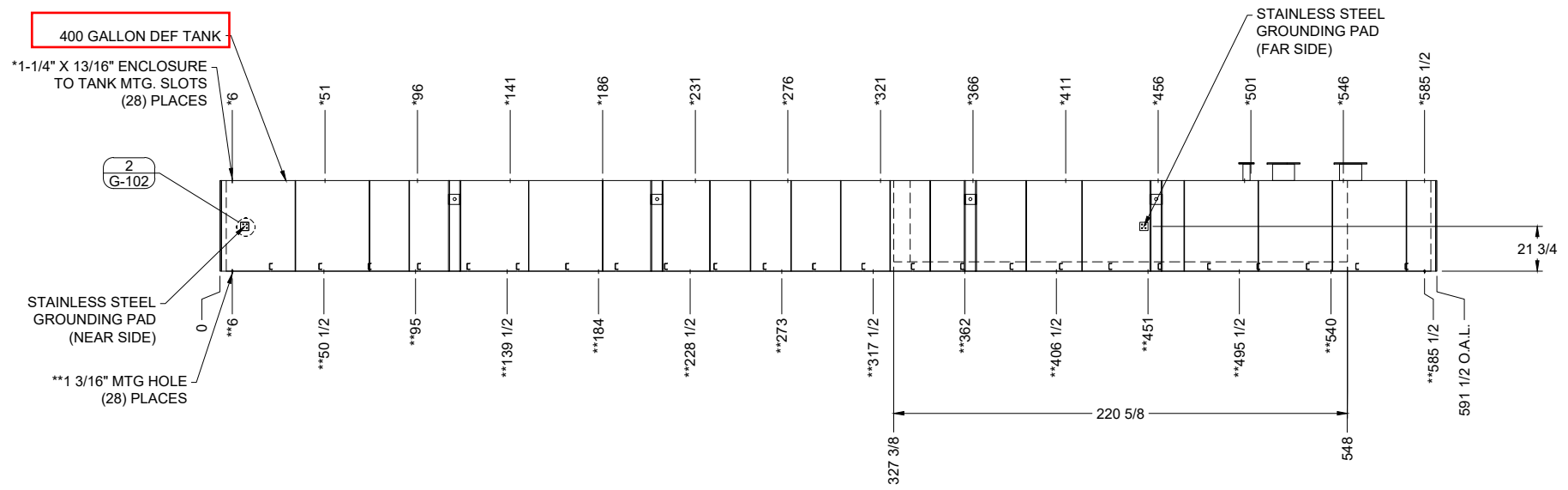
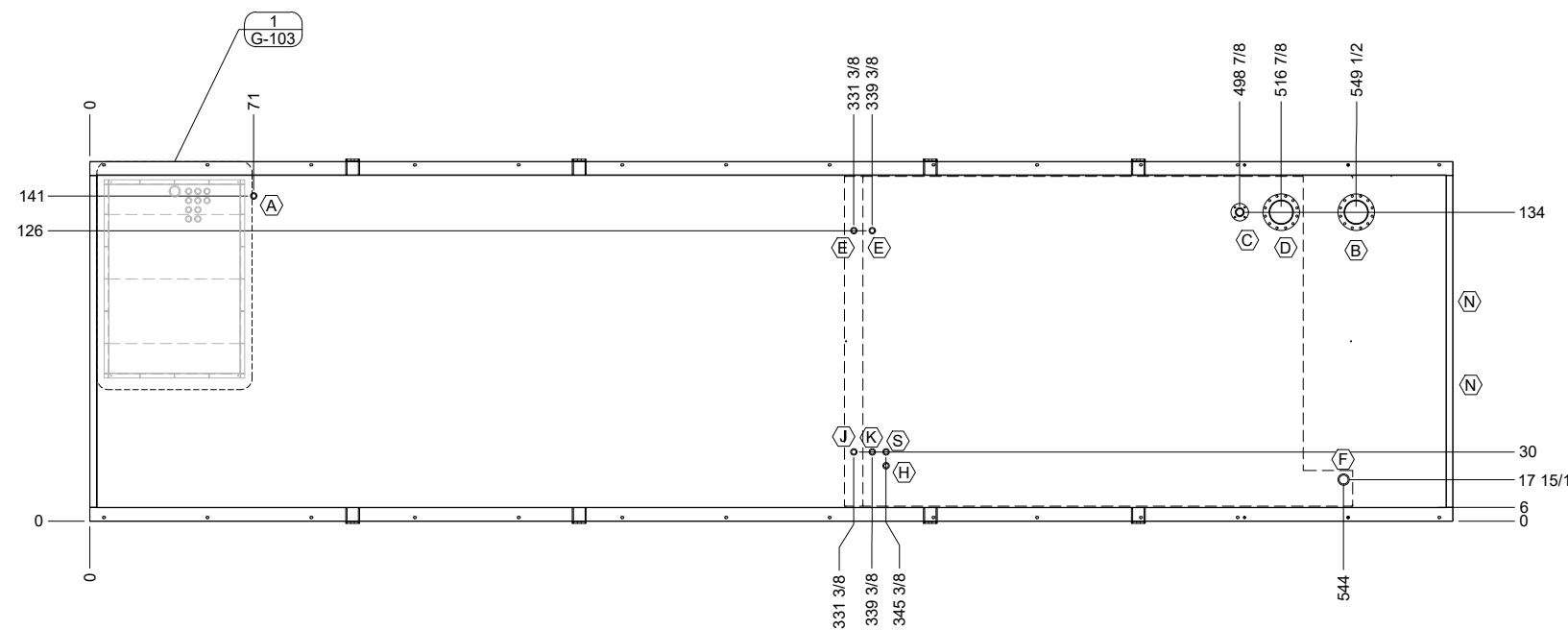
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SANTA CLARA, CA. 95054  
CLIENT NAME: PETERSON POWER

QUOTE NUMBER: Q-2823-1  
 CUSTOMER PO NUMBER: YM201027N002  
 JOB NUMBER: JP-1934-01/02  
 DRAWING DESCRIPTION: 4,925 GALLON FUEL TANK ASSEMBLY

DRAWING NO: **G-102** REV: **C**  
 SHEET 5 OF 34



**2** GROUNDING PAD  
SCALE = 1:4



**1** FUEL TANK GENERAL ASSEMBLY  
SCALE = 1:80



FITTING LIST		
ITEM	QTY	DESCRIPTION
A	1	2" PRESSURE VACUUM VENT FOR DEF
E	6	2" EXTRA FITTING PORT
F	1	4"x2" FILL W/LOCKING CAP AND DROP TUBE AND MORRISON BROS. LIMITER 92%
H	1	2" CONTINUOUS SENSOR FLOAT FOR 90% HIGH & 30% LOW LEVEL MONITORING
J	1	2"x3/4" SUPPLY W/DROP TUBE & CHECK VALVE
K	1	2"x3/4" RETURN W/DROP TUBE
		-
FUEL CAPACITY		
405		GAL. AT 100%
372		GAL. AT 92% DEF FULL SHUT OFF
364		GAL. AT 90% HIGH ALARM
368		USABLE GAL. TO GENERATOR AT 90% HIGH ALARM (DROP TUBE LOSS)
WEIGHT OF TANK		
~1,250		LBS. DRY WEIGHT

REV	DATE	BY	DESCRIPTION
A	03-03-21	SC	ISSUED FOR APPROVAL
B	04-22-21	DP	UPDATED SUBMITTALS TO INCLUDE TIER 4 SYSTEM
C	06-03-21	CC	UPDATED EPMS PER CUSTOMER REQLINES

**ISSUED FOR APPROVAL**

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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES  
**DO NOT SCALE**

DRAWN BY:	SC	DATE:	02-19-21
CHECKED BY:	SC	DATE:	02-19-21
APPROVED BY:	JT	DATE:	02-19-21

PROJECT NAME:  
**SFO 069**

PROJECT LOCATION:  
2315 MISSION COLLEGE BLVD  
SANTA CLARA, CA. 95054

CLIENT NAME:  
**PETERSON POWER**

QUOTE NUMBER:  
Q-2823-1

CUSTOMER PO NUMBER:  
YM201027N002

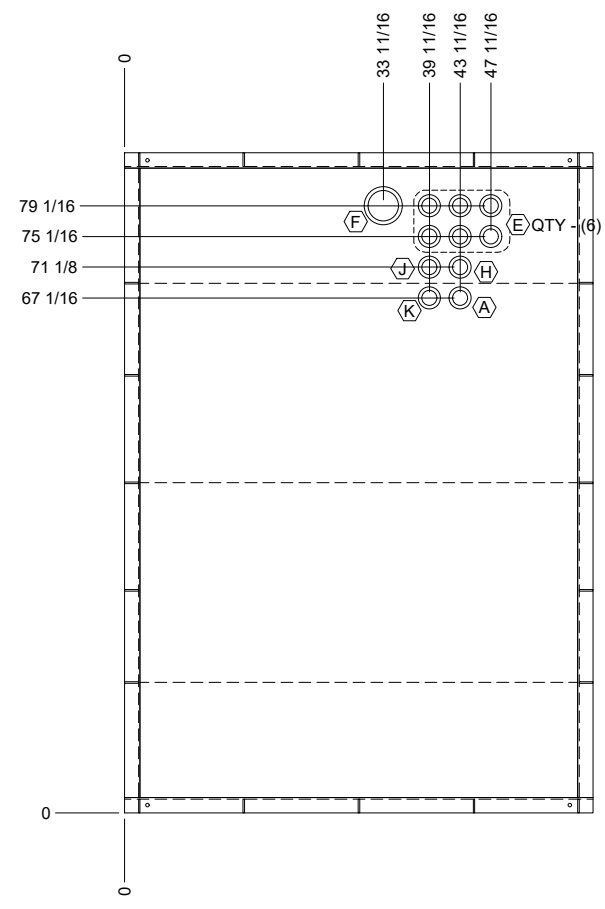
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JP-1934-01/02

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**DEF TANK ASSEMBLY**

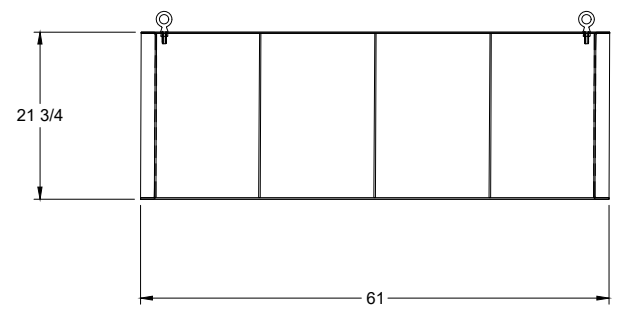
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REV:  
**C**

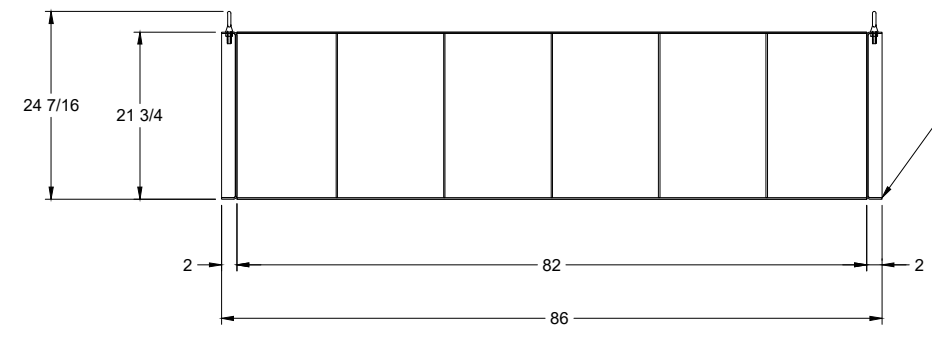
SHEET 6 OF 34



**TOP VIEW**



**SIDE VIEW**



**END VIEW**

1 DEF TANK ASSEMBLY  
SCALE = 1 : 25