



PHASE I ENVIRONMENTAL SITE ASSESSMENT

FOR

NORTHWEST CORNER OF

APN 364200007

30605 BRIGGS ROAD

MENIFEE, CA 92596

For

Sun Holland, LLC

27127 Calle Arroyo, Suite 1909

San Juan Capistrano, CA 92675

March 29, 2018

Project Number 17H-0307-0



March 29, 2018

Project No. 17H-0307-0

Sun Holland, LLC
27127 Calle Arroyo, Suite 1909
San Juan Capistrano, CA 92675

Attention: Mr. Bill Lo

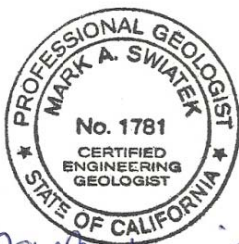
Subject: Phase I Environmental Site Assessment
Northwest corner of APN 364200007
30605 Briggs Road
Menifee, CA 92596

Dear Mr. Lo;

Pursuant to your request, a Phase I Environmental Site Assessment has been performed at the subject site in accordance with the current Standard of Practice for Phase I Environmental Site Assessments per the ASTM:E 1527-13 guidelines. This report is presented for the sole use of Sun Holland, LLC and their representatives and/or associates to use as an indication whether hazardous materials and or soil contamination may be present on the site. This report may not contain sufficient information for other uses.

If you have any questions regarding the information presented in this report, please do not hesitate to contact our office. We appreciate the opportunity to be of service to you.

Sincerely,
RMA GeoScience, Inc.



Mark A. Swiatek, C.E.G. 1781
Principal Geologist



Martha P. Sgriccia, C.E.G. 2494
Project Geologist

Distribution: (1) Addressee



EXECUTIVE SUMMARY

RMA Geoscience, Inc. has performed a Phase I Environmental Site Assessment (ESA) for the northwest 0.32-acre-portion of Assessor's Parcel Number (APN) 364200007 within the Wilderness Lakes RV Resort at 30605 Briggs Road, Menifee, California referred to for this report as "the site". The purpose of the Phase I ESA was to identify to the extent feasible any recognized environmental conditions in connection with the aforementioned property. Our work was performed in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) E:1527-13). Our site reconnaissance was performed by Marissa Meredith and research was performed by Martha Sgriccia, Certified Engineering Geologist and approved by Mark A. Swiatek, Principal Geologist.

The site is located adjacent to the southeast corner of Southshore Drive and Tres Lago Drive, approximately 1.5 mile east of the Escondido Freeway (215) in Menifee, California. The site consists of the northwest 0.32-acre-portion of Assessor's Parcel Number (APN) 364200007 which is currently owned and occupied by the NACO/Wilderness Lakes RV Resort and has an address of 30605 Briggs Road. Currently the eastern half of the site is used as a percolation pond. The rest of the site is undeveloped and vacant of structures.

Prior to development as an RV Resort the site was vacant and undeveloped land with sparse trees that may have been part of an orchard as far back as the earliest aerial photograph in 1938. The eastern half of the site was developed for its' current use as percolation pond sometime between 1978 and 1985.

Our visual site reconnaissance was conducted on February 13, 2017. There was very little wind-blown trash present on the site. At the time of our reconnaissance the site was devoid of structures. We observed a roll of chain link fence at the north end of the site. A pile of boulders and rocks exists at the northwest end of the site. A portion of the most northwestern percolation pond that is part of the wastewater treatment system that services the RV Resort is located at the eastern half of the site. No stressed vegetation was visible. There were no abandoned drums or containers, hazardous waste or petroleum products, or above ground storage tanks on the site. There was no indication of PCBs identified at the site. Based on our research and interviews there are currently no underground storage tanks on the site.

There are 5 additional percolation and sludge ponds that lie adjacent to the south and east of the site. There was trash adjacent to the south of the site that included a pile of metal barbeques presumably from the nearby RV Resort, a pile of rusty pipes, a pile of construction trash and an above ground tank. The above ground storage tank and pile of construction trash are situated approximately 175 feet south of the site. The above ground storage tank was used to store propane but was empty at the time of our visit (Photograph 7). The wastewater treatment system is located to the southeast of the site as seen in Photograph 8.

Permits to Operate and site inspection reports for the wastewater treatment system were on file with the South Coast Air Quality Control Board. Based on our research we found numerous records of regular inspections, site visits in responses to complaints, and testing performed by personnel with the Santa Ana Regional Water Quality Control Board (SARWQCB). Reports are also submitted to SARWQCB by Choice Water Solutions who services the system.

A search of available government databases was conducted for RMA Geoscience, Inc. by Environmental Data Research (EDR). The site is not listed in any database searched by EDR and there are no neighboring sites



located within a one mile radius of the site that constitutes a recognized environmental condition with respect to the subject site.

Because of the possible past use of the site as an orchard soil sampling activities were conducted at the site for the purposes of testing for the presence of organochlorine pesticides. Sampling was conducted on February 13, 2018 and a total of 2 samples were obtained at the site. The samples were analyzed for organochlorine pesticides using EPA Method 8081A. Review of the laboratory analyses indicate that organochlorine pesticides were not detected in either of the soil samples analyzed by the laboratory.

According to the USEPA domestic sewage and mixtures of domestic sewage is not considered a solid waste. A material cannot be a hazardous waste if it does not meet the definition of solid waste. Depth to groundwater in the area of the site varies from 99 to 109 feet below ground surface. Given that the site will be future location of a sewer lift station and not a residential development it is our opinion that the percolation pond located at the eastern half of the site is not a recognized environmental condition with respect to the subject site.

We do not recommend using the soil excavated from the pond in any of the fills placed during site development. The soil from the pond should not be used in residential fills. If the soil excavated from the pond is to be used to construct fills we recommend testing it for such analytes as metals, coliforms, Nitrogen, Phosphorus, etc. From a human health perspective, for future grading or soil excavation dust control should be employed to reduce possible air borne emission of bacteria.

This assessment has revealed no evidence of recognized environmental conditions in connection with the property.



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- Figure 1, Site Location Map
- Figure 2, Sample and Photo Location Map
- Figure 3, Exhibit A – Site Plan
- Site Photographs

Enclosures:

- EDR Radius Report
- EDR Aerial Photographs
- EDR Topographic Maps
- EDR Sanborn Map Report
- EDR City Directory Search
- User Questionnaire
- SCAQMD Documents
- Santa Ana Regional Water Quality Control File Summary
- Copies County of Riverside Department of Environmental Health Records
- Laboratory Testing Data
- Qualifications



1.0 INTRODUCTION

1.1 Purpose

A Phase I Environmental Site Assessment (ESA) was performed for the northwest 0.32-acre-portion of Assessor's Parcel Number (APN) 364200007 within the Wilderness Lakes RV Resort at 30605 Briggs Road, Menifee, California referred to for this report as The Site. The purpose of the assessment was to identify to the extent feasible any recognized environmental conditions in connection with the aforementioned property. The American Society for Testing and Materials (ASTM) E1527-13 defines recognized environmental conditions as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. De minimis conditions generally do not present a material risk of harm to public health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

1.2 Site Location and Description

The site is located adjacent to the southeast corner of Southshore Drive and Tres Lago Drive, approximately 1.5 mile east of the Escondido Freeway (215) in Menifee, California. The site consists of the northwest 0.32-acre-portion of Assessor's Parcel Number (APN) 364200007 which is currently owned and occupied by the NACO/Wilderness Lakes RV Resort and has an address of 30605 Briggs Road. It is our understanding that the 0.32 acre portion is an easement from NACO, the parent company of the Wilderness Lakes RV Resort for the future construction of a sewer lift station. The limits of the proposed sewer lift station and easements are shown on Exhibit A – Site Plan prepared by ACS Consulting, Inc. and included in this report as Figure 3.

Most of the site sits about 5 to 7 feet below street grade and is fairly level and devoid of structures. A portion of one of the percolation ponds that is part on the onsite wastewater treatment system owned and operated by Wilderness Lakes RV Resort is at the eastern half of the site. The site is accessible via the RV Resort entrance off of Briggs Road.

The site is centrally located at north latitude 33.6773 and west longitude -117.1447.

1.3 Scope of Work

Our work was performed in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) E:1527-13). In order to complete this report the following scope of work was completed.

- a. A visual reconnaissance of the site and surrounding area to visually evaluate the potential for site contamination and to identify the current land use
- b. A review of the regional geologic maps and geologic references pertinent to the subject site



- c. A review of historical aerial photographs and topographic maps to assess the site's historical land use, and for indications of potential contamination or sources of contamination
- d. A database search of federal, state and local regulatory agencies obtained by Environmental Data Resource (EDR), which is included with this report
- e. Review of local governmental databases and files
- f. Identify key personnel, local officials, and current owners of the property to conduct interviews with persons knowledgeable of the site and surrounding areas.
- g. Collection of a soil samples to test for the presence of organochlorine pesticides
- h. Preparation of this report

1.4 General Limitations and Exceptions

This report was completed in substantial conformance with the scope and practice set forth by the ASTM Standard E 1527-13 with a level of care and skill ordinarily exercised by members of our profession currently practicing in southern California. No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions. This assessment is not, and should not be construed as, a warranty or guarantee concerning the presence or not of hazardous substances which may affect the property. All information presented in this report is based on visual observations, research of publicly available information, review of maps and literature, experience, and professional judgment. The ASTM standard defines reasonably ascertainable information as information that is publicly available with reasonable time and cost constraints and yields relevant information without the need for extraordinary analysis of irrelevant data.

The site was accessible on foot. Offsite areas along Tres Lagos Drive and Southshore Drive were not accessible due to construction.

The following are considered non-scope items and are not included in the scope of this report:

- * Asbestos Containing Building Materials
- * Biological Agents
- * Cultural and Historical Resources
- * Mold
- * Radon
- * Lead-Based Paint
- * Lead in Drinking Water
- * Wetlands
- * Regulatory compliance
- * Industrial Hygiene
- * Health and Safety
- * High Voltage Power Lines
- * Ecological Resources



- * Indoor Air Quality

1.5 Special Terms and Conditions

The contents of this report are for the sole use of Sun Holland, LLC. Its contents are considered to be privileged and confidential. The contents should not be relied upon by any party other than the aforementioned without the express written consent of RMA Geoscience, Inc and Sun Holland, LLC.

1.6 User Provided Information

In accordance with ASTM E 1527-13 guidelines for performing Phase I ESAs a User Questionnaire was submitted to representatives at Sun Holland, LLC to aid in gathering information that may be material to identifying recognized environmental conditions. The completed Questionnaire is included with this report.

2.0 SITE OVERVIEW

2.1 Site Observations

Our visual site reconnaissance was conducted on February 13, 2018. The purpose of our reconnaissance was to visually assess the site and surrounding area for any recognized environmental conditions. Photographs of the site are included with this report. Features looked for during the site reconnaissance are described below:

- * Unusually stained soils
- * Pits, ponds or unusually moist soil
- * Abandoned containers or drums (i.e., 55-gallon drums)
- * Vents, fill pipes or access ways indicating the presence of underground tanks
- * Above ground storage tanks
- * Evidence of water wells or oil wells (current or abandoned) or concrete stand pipes
- * Wastewater or wastewater discharged onto the site from off-site sources
- * Noxious fumes or odors
- * Physical evidence of hazardous substances and petroleum products
- * Waste or wastewater and septic systems
- * Stressed vegetation
- * PCBs

2.1.1 Exterior Observations

At the time of the site visit both Tres Lagos Drive and Southshore Drive were under major construction and were closed. The site is surrounded by a fence and access to the site was limited to within the RV Resort. We were accompanied on our reconnaissance by Mr. Jeff Gutman, manager of the RV Resort. At the time of our reconnaissance the site was devoid of structures. The site was free of trash. We observed a roll of chain link fence at the north end of the site. A pile of boulders and rocks exists at the northwest end of the site. A portion of the most northwestern percolation pond is located at the eastern half of the site.



There are 5 additional percolation and sludge ponds that lie adjacent to the south and east of the site. There is significant vegetation surrounding each pond with visible sprinkler systems in the middle of the ponds. There was trash adjacent to the south of the site that included a pile of metal barbecues presumably from the nearby RV Resort, a pile of rusty pipes, a pile of construction trash and an above ground tank. The above ground storage tank and pile of construction trash are situated approximately 175 feet south of the site. According to conversations with Mr. Gutman the above ground storage tank was for propane but was empty at the time of our visit. A number of RVs were observed on a paved parking area that is situated in the area of the above ground storage tank (Photograph 7). The wastewater treatment system is located to the southeast of the site as seen in Photograph 8. The ponds are bounded on the east and south side by RVs in storage.

2.2 Polychlorinated Biphenyls (PCBs)

There was no indication of PCBs identified on the site.

2.3 Underground (UST) and Above-Ground Storage Tanks (AST)

No features associated with ASTs or USTs were observed during our site reconnaissance. There was no evidence, based on our research and interviews that either ASTs or USTs existed on-site in the past. We did not uncover records pertaining to a fuel UST at the site.

2.4 Wastewater

No industrial wastewater exists on-site but there is a portion of the northwestern most percolation pond located on the site. According to our research and interviews treated wastewater from the wastewater treatment system is pumped to the ponds and allowed to percolate in to the soil. It is our understanding that the ponds are not lined and are designed for infiltration. According to Mr. Gutman the system accepts sewage and wastewater from the RVs that visit the park.

2.5 Septic Systems

No records were found at the County of Riverside for the existence of a septic system on the site.

2.6 Hazardous Substances or Petroleum Products

There was no evidence of hazardous substances at the site or petroleum products. Hazardous waste is not generated at the site. There was no evidence of unusually stained soil. No stressed vegetation was observed.

2.7 Existing or Abandoned Oil and Water Wells

According to the database maintained by the Department of Oil, Gas, and Geothermal Resources there are no oil wells located at or in the near vicinity of the site. Based on our research of federal, state and county water well databases no mapped water wells exist at the site. The closest mapped water well (Well 006S003W01L001S) is located to the west of the proposed site approximately 371 feet. Water level data from 1995 shows groundwater at a depth of 99.87 below ground surface.



2.8 Site Reconnaissance of Adjacent Properties

Properties immediately adjacent to the site consist of the following:

- To the north—Tres Lagos Drive and residential development
- To the west – Southshore Drive and a manmade lake with residential development on the shores
- To the south— Property belonging to Wilderness Lake Resort
- To the east – Percolation ponds and RV storage belonging to Wilderness Lake Resort

2.9 Current Site Use

The eastern half of the site is used as a percolation pond. The rest of the site is undeveloped and vacant of structures.

2.10 Past Land Use and Site History

According to the referenced EDR report, aerial photos, and our research the eastern portion of the site was developed for its' current use as percolation pond sometime between 1978 and 1985. Prior to that, the land was vacant and undeveloped but had a number of trees on it indicating possible usage as an orchard.

2.11 Potable Water Supply

A potable water supply was not apparent at the site at the time of our site reconnaissance.

3.0 GEOLOGY AND HYDROGEOLOGY

3.1 Geology

The site is located within the Perris Block of the Southern California Batholith, a large block of granitic bedrock that was formed during Cretaceous time, approximately 90 to 100 million years ago. While internally unfaulted and considered structurally stable, the Perris Block is bounded on the west by the Elsinore Fault zone and on the east by the San Jacinto Fault zone. Rocks in the region of the site consist of Cretaceous-age Quartz Diorite, as mapped by Dibblee (2003).

Locally, the site is located between the Menifee Valley to the west and Domenigoni Valley to the east, which are characterized by stratified sequences of moderately consolidated alluvial sand, silt and clay.

3.2 Hydrogeology

The site is located within the San Jacinto Groundwater Basin which underlies the San Jacinto, Perris, Moreno and Menifee Valleys in western Riverside County. The valleys are drained by the San Jacinto River and tributaries. Water bearing formations include the sediments that underlie the valley floor to a maximum depth of about 900 feet at the west end of the basin (Bulletin 118, 2003). Groundwater data from Well 006S003W01L001S is located to the west recorded in 1995 at a depth of 99.87 below ground surface. Depth to groundwater was recorded at a depth of 109 feet below ground level in 1995 in Well 006S003W01H001S located approximately 0.3 miles east of the site.



According to Federal Emergency Management Agency (Flood Insurance Rate Map # 06065C2070H), the site is located in a Zone A, Special Flood Hazard Area subject to inundation by the 1% annual chance flood, also known as a 100 year flood.

4.0 RESULTS OF RECORDS SEARCH

4.1 Aerial Photograph Review

- 1938 The site is vacant, undeveloped land that is devoid structures. The site appears to be part of a large grove of trees, possibly an orchard, that covered two square miles. The trees on the area of the site are sparse and unorganized. The neighboring properties are vacant with possible farmland. There appears to be a homestead to the far northwest of the site.
- 1949 The site has very little change from the last photograph. There is no change to the surrounding properties from the previous photograph.
- 1953 The site is relatively unchanged. There continues to be fewer trees to the far east of the site. There appears to be the beginnings of the water features/lakes to the east of the site that is currently on Wilderness Lakes RV Resort property. There is little change to the surrounding properties from the previous photograph except for a farm or homestead adjacent to the west of the site.
- 1961 The site is relatively unchanged. The water features/lakes to the east of the site appear to be more defined and there are trees growing along the edges. The surrounding properties are still being used for agriculture. The farm or homestead identified in the previous photograph is absent from this photograph. There appears to be some minor development to the far southwest of the site.
- 1967 The site remains unchanged but to the east the water features/lakes appear to have increased in area and there is now a rectangle piece of land cleared of trees to the east of it. There is a marked decrease of trees to the south of the site. The remaining surrounding properties appear fallow to unchanged.
- 1978 The site is vacant and devoid of trees as described in previous photographs. There appear to be the outlines of what will become the percolation ponds that are currently on and near the site visible in this photograph. The rectangle of cleared trees mentioned previously appears to have motor homes lined up in the clearing. The surrounding area remains unchanged.
- 1985 The percolation pond currently located at the eastern half of the site appears to be in use as evidenced by water within the limits of the pond. The western half of the site is vacant of trees and structures. The RV Resort to the east and south of the site appears to be expanding by clearing more trees and the appearance of motor home vehicles parked around the water features/lakes. The rest of the surrounding area remains unchanged.
- 1989 There is no change to the site but adjacent to the site there are significant changes to the RV Resort. The RV Resort has expanded significantly and it is now occupying about half of the area



previously described as orchards. There are several structures built as well as numerous motor homes scattered around the channel.

- 1996 There are no significant changes to the site. There is an added water feature/lake south of the original one. There are no other significant changes to the surrounding area.
- 2002 There are no significant changes to the site itself but the RV Resort has increased in size. There are no significant changes to the surrounding areas.
- 2006 There are no significant changes to the site but there are several significant changes to the surrounding area. The areas to the north and west are all under construction presumably for the residential housing and manmade lake that currently exist there. There is also a new manmade lake directly to the north of the site.
- 2010 The site remains unchanged. The residential developments to the north and west are still under construction. The manmade lake to the west appears to be filled now.
- 2014 The site remains relatively unchanged. Most of the area under development to the northwest and southwest of the site has been built out but the area to the north appears to still be in the process of grading.

Copies of the aerial photographs from 1938 to 2014 are included with this report.

4.2 Sanborn Map Review

The Sanborn Library collection was searched by EDR. There were no maps available that covered the site.

4.3 Topographic Map Review

Topographic maps dating from 1901 to 2012 were reviewed for indications of past land use at the subject site. No past uses other than that described in Section 2.10 of this report were identified for the subject property.

4.4 Governmental Agency Database Review

A search of available government databases was conducted for RMA Geosciences, Inc. by EDR, an information retrieval service which identifies current and historical environmental risk management information for a specific site (Target Property) and surrounding area. The search included the area within a one mile radius of the site. The search radius used meets or exceeds the standard search distance adopted by ASTM-E:1527-13. Copies of the EDR reports are included with this report. The following is an abridged list of environmental databases that were searched by EDR:

Federal

- * Proposed National Priorities List (NPL)
- * Delisted National Priorities List (DNPL)
- * Federal Superfund Liens
- * Comprehensive Environmental Response, Compensation and Liability



- * Information System (CERCLIS)
- * Federal Facility Site Information listing
- * CERCLIS No Further Remedial Action Planned (CERCLIS-NFRAP)
- * Corrective Action Report (CORRACTS)
- * RCRA Treatment Storage and Disposal
- * RCRA-LQG RCRA - Large Quantity Generators
- * RCRA-CESQG RCRA - Conditionally Exempt Small Quantity Generator
- * US ENG CONTROLS Engineering Controls Sites List
- * US INST CONTROL Sites with Institutional Controls
- * LUCIS Land Use Control Information System
- * US BROWNFIELDS A Listing of Brownfields Sites
- * Emergency Response Notification System (ERNSCA)
- * National Pollutant Discharge Elimination System-Region 9 (NPDSR09)
- * PCB Activity Database
- * Open Dump Inventory (ODI)
- * Toxics Release Inventory (TRI)

State

- * Above Ground Storage Tanks (ABST)
- * INDIAN LUST Leaking Underground Storage Tanks on Indian Land
- * INDIAN UST Underground Storage Tanks on Indian Land
- * FEMA UST Underground Storage Tank Listing
- * RESPONSE State Response Sites
- * Solid Waste Information System (SWIS)
- * VCP Voluntary Cleanup Program Properties
- * INDIAN VCP Voluntary Cleanup Priority Listing
- * Clandestine Drug Labs (CDL)
- * State Brownfields Properties Calsites Database
- * California Hazardous Material Incident Report System (CHMIRS)
- * Dry Cleaner Facilities
- * State Cortese List
- * California Dept. of Toxic Substances Control Deed Restrictions (DTSCDR)
- * California Department of Toxic Substances Control - Envirostor

Local

- * Well Investigation Program Case List
- * CDEBRIS REGION 9 Torres Martinez Reservation Illegal Dump Site Locations
- * ODI Open Dump Inventory
- * WMUDS/SWAT Waste Management Unit Database
- * HAULERS Registered Waste Tire Haulers Listing
- * INDIAN ODI Report on the Status of Open Dumps on Indian Lands
- * HIST Cal-Sites Historical Calsites Database
- * SCH School Property Evaluation Program
- * Toxic Pits Toxic Pits Cleanup Act Sites



- * CDL Clandestine Drug Labs
- * US HIST CDL National Clandestine Laboratory Register
- * LIENS 2 CERCLA Lien Information
- * LIENS Environmental Liens Listing
- * DEED Deed Restriction Listing

4.4.1 Target Property Search Results

The site is not listed in any database searched by EDR.

4.4.2 Surrounding Sites Search Results

There are no sites listed by EDR within a one mile radius of the site that have or have had known releases of contaminants to the environment.

4.5 City Directory Review

A search of available city directories at five year intervals from 1975 to 2011 was conducted for RMA Geoscience, Inc. by EDR, an information retrieval service which identifies current and historical environmental risk management information for a specific site (Target Property) and surrounding area. No past uses other than that described in Section 2.10 of this report were identified for the subject property. There are several listings for the address of 30605 Briggs Road beginning in 1980 through the latest directory from 2011. The name of the RV Resort has varied over time from Wilderness Lakes, Wilderness Park to Thousand Trails. Some of the listings include mention of a ranger station and sales. A listing for Eddie's Restaurant was identified in a directory from 1985 at the address of 30605 Briggs Road. Aerial photographs from that time period show small buildings located at the eastern portion of the address. There are no other listings for Eddie's Restaurant prior to or after 1985.

4.6 State and Local Agencies

California Department of Conservation Division of Oil and Gas and Geothermal Resources

We searched the online databases that are maintained by the California Department of Conservation - Division of Oil and Gas regarding any current or abandoned oil wells located on or near the subject site. There are no oil wells listed at the subject site.

South Coast Air Quality Management District (SCAQMD)

A request for records for 30605 Briggs Road was submitted to this agency for available permits, notices of violations, notices to comply, site inspection reports, emissions summaries, and asbestos notification records. Permits to Operate the wastewater treatment system were provided for our review. The earliest permit is dated February 13, 1981 with subsequent Permits to Operate from 1990, 1992, 2009 and 2010. Equipment List Reports were also provided that lists the wastewater treatment system and a charbroiler natural gas. Reports of inspections performed in 2010 and 2013 are listed of the Equipment List Reports and address complaints from nearby residents of sewage odors. Inspectors report indicates that no odors were detected from the system. Copies of the records obtained from SCAQMD are included with this report.



County of Riverside Department of Environmental Health (CRDEH)

This agency was contacted for records pertaining to underground (UST) and above ground storage tanks (AST) at the property, known violations, permits and hazardous materials handling or storage. Records pertaining to the address of 30605 Briggs Road were specified on our request. The records provided for our review consisted of Hazardous Materials Management Permits from 2007 to 2016 and Small Quantity Generator of Hazardous Waste Inspection Reports associated with the RV Resort. Unified Program Consolidation Forms indicate USTs or ASTs greater than 1,320 gallon capacity are not listed for the RV Resort. The RV Resort is listed as a generator of hazardous waste. The following hazardous materials and their location on the resort as listed in the records are:

- | | |
|------------------|---------------------------------------|
| • Oxygen | Ranger Station/Operations/Maintenance |
| • Acetylene | Maintenance Building |
| • Waste Oil | Exterior of Maintenance Building |
| • Propane | Southeast Corner of the Property |
| • Pool Chemicals | Adult and Family Swimming Pools |

There is no indication in the records reviewed that hazardous materials or petroleum products are stored at the site. The records reviewed are too numerous to include with this report. A select few are included that support our findings.

Databases for leaking underground storage tanks maintained by CRDEH were searched by EDR as part of their service. No records of leaking USTs were found for the address of 30605 Briggs Road or neighboring sites.

County Riverside Building and Safety Department

A request for records was submitted to this agency for available permits for the address of 30605 Briggs Road. We spoke to personnel regarding the nature of the permits on file for the identified address. It was determined that the permits on file were permits for structures related to the RV Resort. There was one permit from 1990 for grading of retention ponds. The permit was renewed in 1991. Since the percolation ponds appear on aerial photographs from 1985 it is unclear which ponds the permit is referring to.

Santa Ana Regional Water Control Board

A request for records was submitted to this agency for available records for the address of 30605 Briggs Road. On March 9, 2018, we arrived at the Board offices to review all available records pertaining to the address 30605 Briggs, Menifee and those pertaining to 30605 Briggs, Sun City. Numerous files all pertaining to the wastewater treatment system were on file. Detailed review of the reports was not feasible due to the large quantity of information presented. A cursory review of some of the files was performed and is summarized as follows: The reports contained detailed records of monthly submittals by Choice Water Solutions, the company that services the system regarding the status of the wastewater treatment system. Documents on file also included reports written by this agency regarding site inspections, responses to complaints from neighboring residences, and outflow testing to confirm compliance with standards set



forth by the Santa Ana Regional Water Control Board. One violation dated from 1994 notes that the unit was overloaded and discharging inadequately treated wastewater to pond.

A cursory summary of the hundreds of records on file at this agency is included with this report and includes site inspections, descriptions of violations, testing data and relevant information.

4.7 Vapor Encroachment

A vapor encroachment screening was performed for site using the EDR VEC APP. Based on our research and record review for this Phase I ESA the potential for vapor encroachment in connection with the subject property is not likely to exist.

4.8 Data Gaps

The lack of response from the CRDEH is considered a data gap but in our opinion not significant enough that it would affect our ability to identify recognized environmental conditions in connection with the site.

5.0 INTERVIEWS

An interview with Jeff Gutman the manager of Wilderness Lake RV Resort was conducted as part of this Phase I ESA. The interview was conducted on February 13, 2017, and questions were answered to the best knowledge of the interviewee. Mr. Gutman said the RV Resort was built in 1979 or 1980. When asked about the presence of hazardous materials and underground storage tanks he responded that neither was present. He said they only have above ground storage tanks particularly for propane. He told us the AST that is located approximately 175 feet south of the site (Photograph 7) was used for propane but was empty. He told us the government is interested in purchasing his land but he was unclear as to what part of the land the government is interested in.

When asked about the wastewater treatment system he said it has been in place since between 1979 and 1980 but he is not entirely certain. When asked about the separations and disposal of the solids and liquids he stated that his understanding was that every five years the dried materials are removed from the “leech fields.” He also stated that they contract with a company named Choice Waters Solutions that handles the care and maintenance of the “leech fields” and the sewage treatment plant.

We spoke with Wes at Choice Water Solution regarding the ponds associated with the treatment system. He said the four northernmost ponds are percolation ponds and the two closest to the wastewater treatment system are sludge ponds. He said the percolation ponds are unlined and are designed to accept treated wastewater and allow it to percolate into the soil. Wes told us they do not remove any material within the ponds.

6.0 SOIL SAMPLING

5.1 Purpose

The purpose of our field investigation was to collect soil samples to be tested for the presence of organochlorine pesticides related to past agricultural usage at the site.



5.2 Field Methods

On February 13, 2018 a total of 2 soil samples were obtained from random locations at the site. The approximate location where each sample was collected is shown on the Sample Location Map, Figure 2. The samples were collected at depths of 2 to 8 inches below existing grade using hand tools. The hand tools were washed in a solution of phosphate-free detergent and water and double rinsed with clean water after each sample was collected. The soil samples were collected in four-ounce jars provided to us by American Scientific Laboratory. The samples were labeled and stored in a cooler packed with ice for transportation to American Scientific Laboratory, a state-certified environmental testing laboratory (ELAP #2200). A copy of the Chain of Custody Record is included with this report. The samples were analyzed for organochlorine pesticides using EPA Method 8081A.

Sample I.D.	Analytes	Test Results (mg/kg)
S-1	ND	ND
S-2	ND	ND

*ND: Non Detect

5.3 Analytical Findings

Of the 2 samples collected neither of them had detectable levels of pesticides. The test results are summarized in Table 1. The laboratory analytical results for the soil samples are included with this report.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions and Recommendations

RMA Geosciences, Inc. has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E:1527-13 for the northwest 0.32-acre-portion of Assessor's Parcel Number (APN) 364200007 within the Wilderness Lakes RV Resort at 30605 Briggs Road, Menifee, California. Any exceptions to or deletions from this practice are described in this report.

According to the USEPA domestic sewage and mixtures of domestic sewage is not considered a Solid Waste. A material cannot be a hazardous waste if it does not meet the definition of solid waste. Depth to groundwater in the area of the site varies from 99 to 109 feet below ground surface. Given that the site will be future location of a sewer lift station and not a residential development it is our opinion that the percolation pond located at the eastern half of the site is not a recognized environmental condition with respect to the subject site.

We do not recommend using the soil excavated from the pond in any of the fills placed during site development. The soil from the pond should not be used in residential fills. If the soil excavated from the pond will be used to construct fills we recommend testing it for such analytes as metals, coliforms, Nitrogen, Phosphorus, etc. From a human health perspective, for future grading or soil excavation you should mist the soil to cut down on dust and air borne emission of bacteria.



This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

7.0 QUALIFICATIONS

The following statements are provided as specified by ASTM E 1527-13 and 40 CFE 312.21(d):

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

8.0 LIMITATIONS

This Phase I Environmental Site Assessment was completed in accordance with generally accepted industry practice for determining the likelihood of the presence of hazardous substances at or beneath the site. Information presented in this report is based on visual observations, limited research, review of maps and literature, experience, and professional judgment. This assessment is not, and should not be construed as, a warranty or guarantee concerning the presence or not of hazardous substances which may affect the property. All discovered information has been disclosed and a good faith effort has been made to consult pertinent sources.

This study and report have been prepared on behalf and for the exclusive use of Sun Holland, LLC, and solely for use in an environmental evaluation of the subject site. This report and its findings shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party in whole or in part, without prior written consent of RMA Geosciences, Inc. and Sun Holland, LLC. However, RMA Geosciences, Inc. acknowledges and agrees that the report may be conveyed to the Buyer, Seller and Lender associated with the financing of the property.



9.0 REFERENCES

California Department of Water Resources Website: <http://www.water.ca.gov/waterdatalibrary>

California Department of Water Resources, 1980, updated 2003, Groundwater Bulletin 118
http://www.water.ca.gov/pubs/groundwater/bulletin_118

California Department of Toxic Substance Control Website:
<http://www.envirostor.dtsc.ca.gov>

Federal Emergency Management Agency, Flood Hazard Mapping Website, <http://www.fema.gov/>

Riverside County GIS RCIT Map My County-Riverside County,
http://mmc.rivcoit.org/MMC_Public/Viewer.html?Viewer=MMC_Public

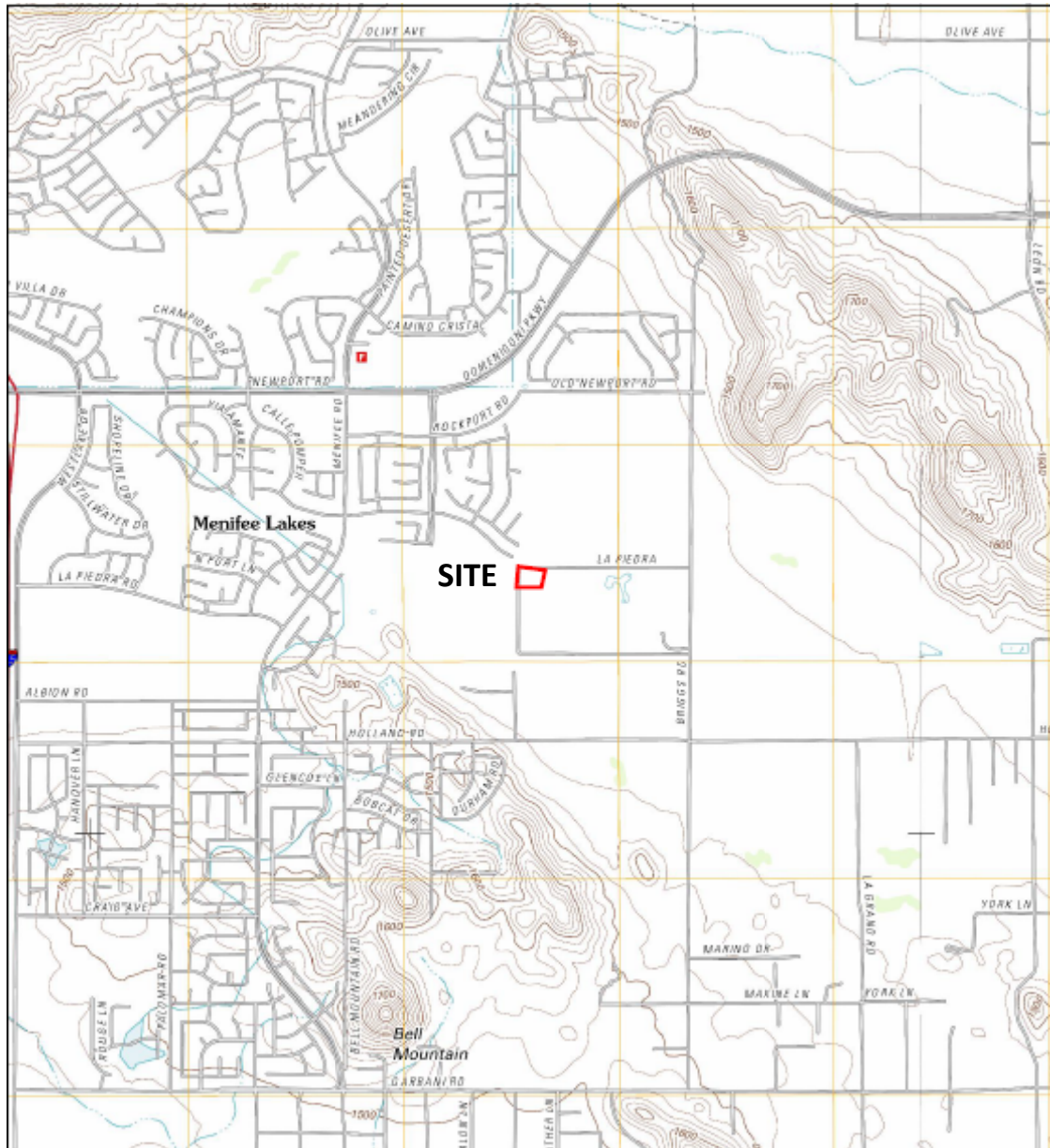
South Coast Air Quality Management District, 21865 Copley Dr.
Diamond Bar, California, <http://www.aqmd.gov/prr/index.html>

State Water Resources Control Board Website,
<http://geotracker.swrcb.ca.gov/>

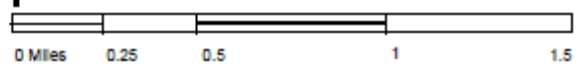
State of California Department of Conservation Division of Oil, Gas and Geothermal Website:
<http://www.conservation.ca.gov/dog/>.



FIGURES



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



LOCATION MAP

Figure 1

From: USGS Winchester Quadrangle

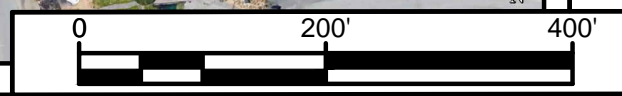


Legend

- S1** ○ Approximate Sampling Location #1
- 1-8** ◀ Approximate Photo Location #1-8
- ▬** Proposed Lift Station Approximate Location
- ▬** Outline of Address 30605 Briggs Road

Approximate Location of Planned Sewer Lift Station

**Wilderness Lakes RV Resort
30605 Briggs Road**



Source: Google Earth Images

Sample and Photo Location Map

Corner of 30605 Briggs Road
Menifee, CA

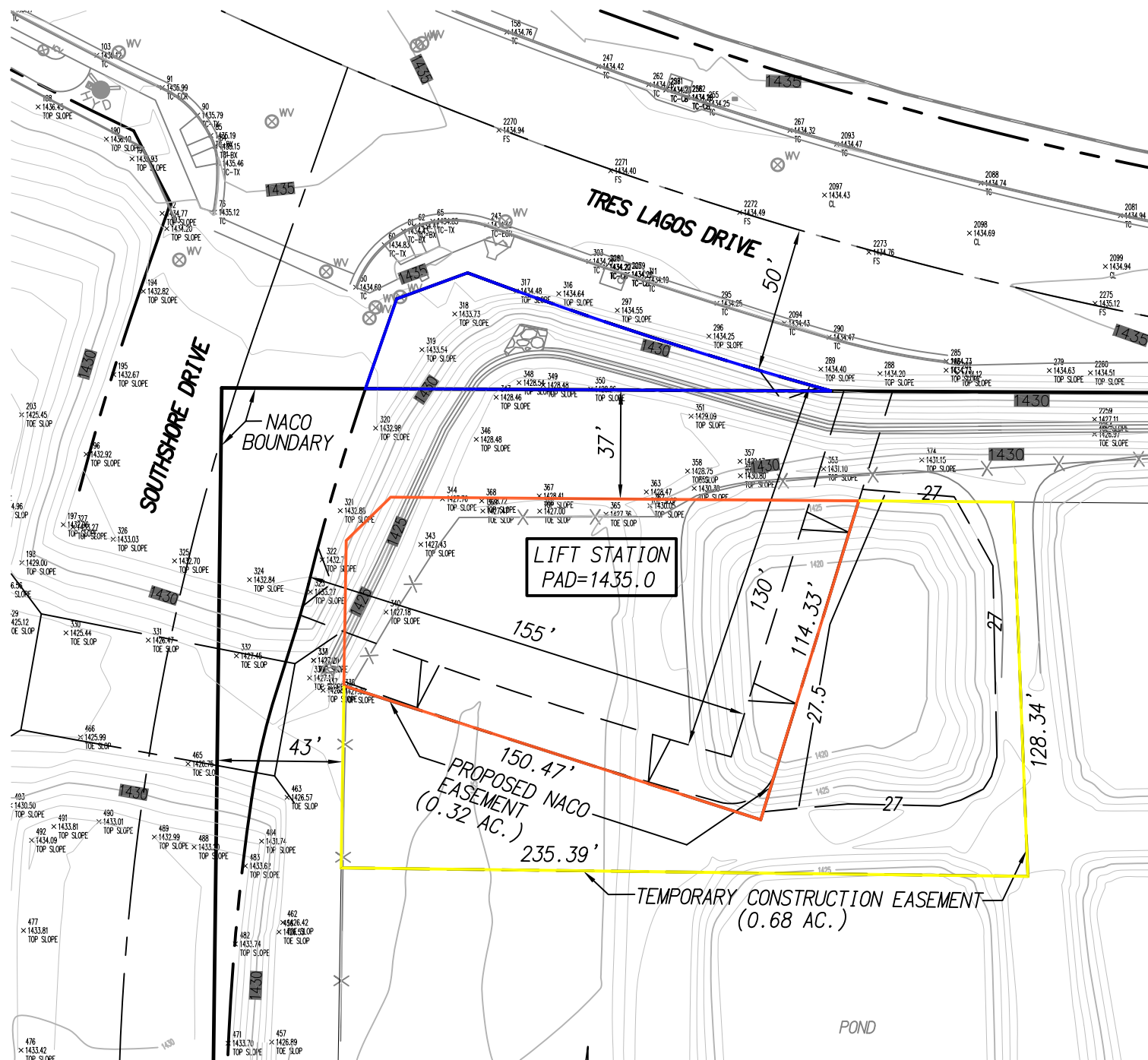
Figure 2

RMA Job No:	17H-0307-0
Report Date:	3/2018
Prepared By:	MRM



EXHIBIT 'A' - SITE PLAN PROPOSED LIFT STATION PAD

SHEET 1 OF 1



SCALE: 1"=50'
 ASSESSOR PARCEL NUMBERS: 364-200-003
 SECTION 1 TOWNSHIP 6 NORTH RANGE 3 WEST
 DATE EXHIBIT PREPARED: 01-18-2016

ACS CONSULTING, INC.
 PO BOX 2252
 TEMECULA CA 92593
 951-757-5178

LEGEND

- LENNAR EASEMENT=0.08 AC.
- NACO EASEMENT=0.32 AC.
- NACO TEMPORARY CONSTRUCTION EASEMENT=0.64 AC.

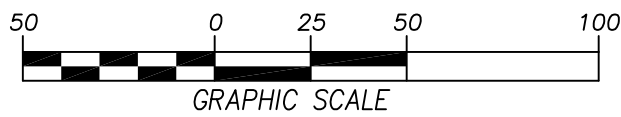


Figure 2



SITE PHOTOGRAPHS



Photograph 1: View to the north from towards Tres Lagos Drive



Photograph 2: View to the northwest to the intersection of Tres Lagos and Southshore Drive



Photograph 3: View to the southwest towards Southshore Drive



Photograph 4: View to the northeast towards stored RVs



Photograph 5: View to the southeast towards stored RVs



Photograph 6: View to the southwest of barbeques in a pile



Photograph 7: View to the southwest of a barbeques and an above ground tank



Photograph 8: View to the southeast of the wastewater treatment plant



EDR RADIUS REPORT

Sewer Lift Station

Tres Lagos Dr
Menifee, CA 92584

Inquiry Number: 5167488.12s

January 24, 2018

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

TRES LAGOS DR
MENIFEE, CA 92584

COORDINATES

Latitude (North): 33.6773500 - 33° 40' 38.46"
Longitude (West): 117.1447360 - 117° 8' 41.04"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 486583.3
UTM Y (Meters): 3726198.0
Elevation: 1427 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641314 ROMOLAND, CA
Version Date: 2012

East Map: 5640944 WINCHESTER, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140530, 20140603
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
TRES LAGOS DR
MENIFEE, CA 92584

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	HOLLAND ROAD ES NO.	HEATON LANE/HOLLAND	ENVIROSTOR, SCH	Higher	1967, 0.373, South

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

State and tribal Brownfields sites

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

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

HIST Cal-Sites.....	Historical Calsites Database
SCH.....	School Property Evaluation Program
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
US CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST.....	SWEEPS UST Listing
HIST UST.....	Hazardous Substance Storage Container Database
CA FID UST.....	Facility Inventory Database

Local Land Records

LIENS.....	Environmental Liens Listing
LIENS 2.....	CERCLA Lien Information
DEED.....	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
CHMIRS.....	California Hazardous Material Incident Report System
LDS.....	Land Disposal Sites Listing
MCS.....	Military Cleanup Sites Listing
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations

EXECUTIVE SUMMARY

FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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.

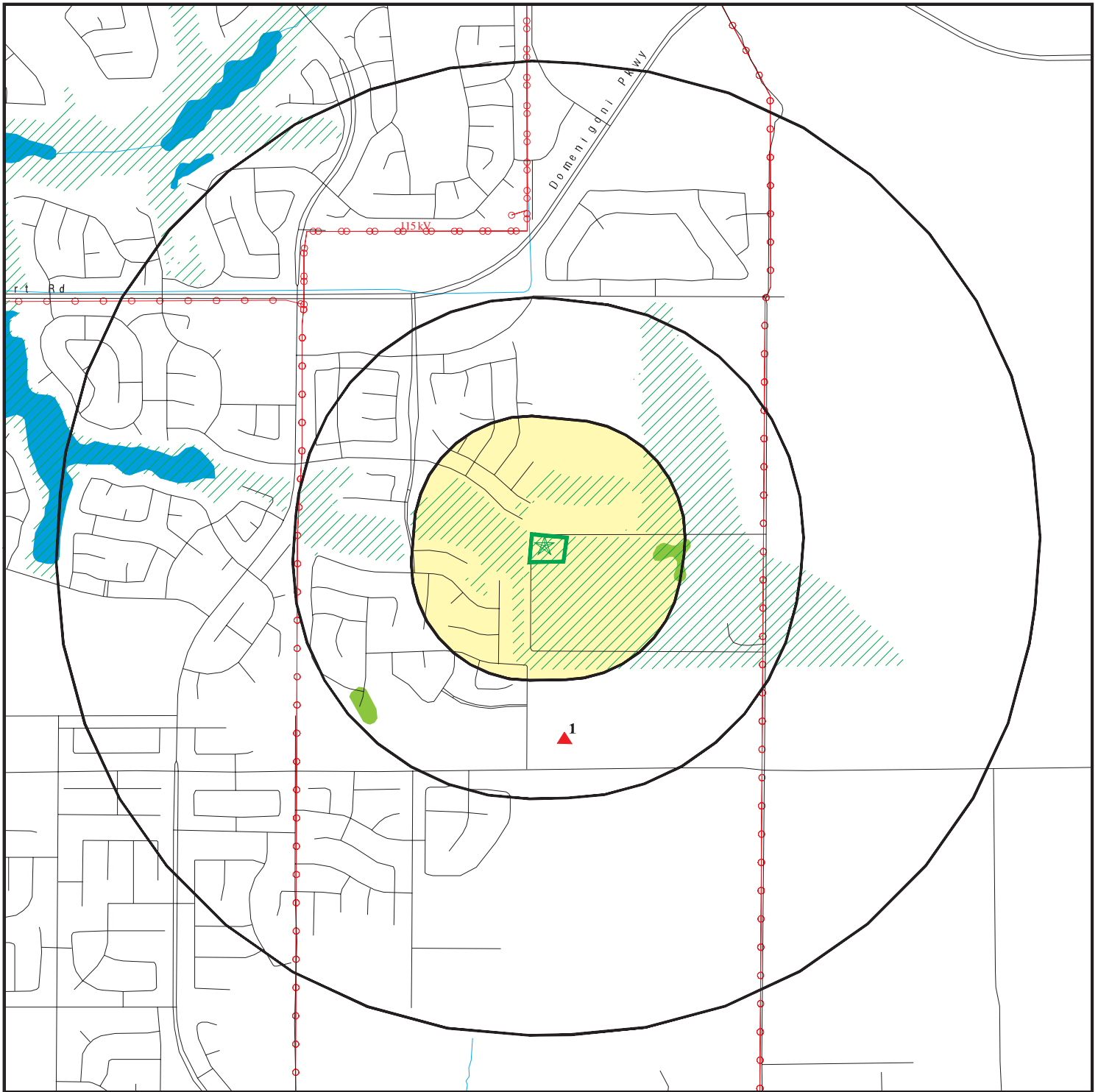
A review of the ENVIROSTOR list, as provided by EDR, and dated 10/30/2017 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>HOLLAND ROAD ES NO.</i> Facility Id: 60000282 Status: No Action Required	<i>HEATON LANE/HOLLAND</i>	<i>S 1/4 - 1/2 (0.373 mi.)</i>	<i>1</i>	<i>8</i>

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5167488.12S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

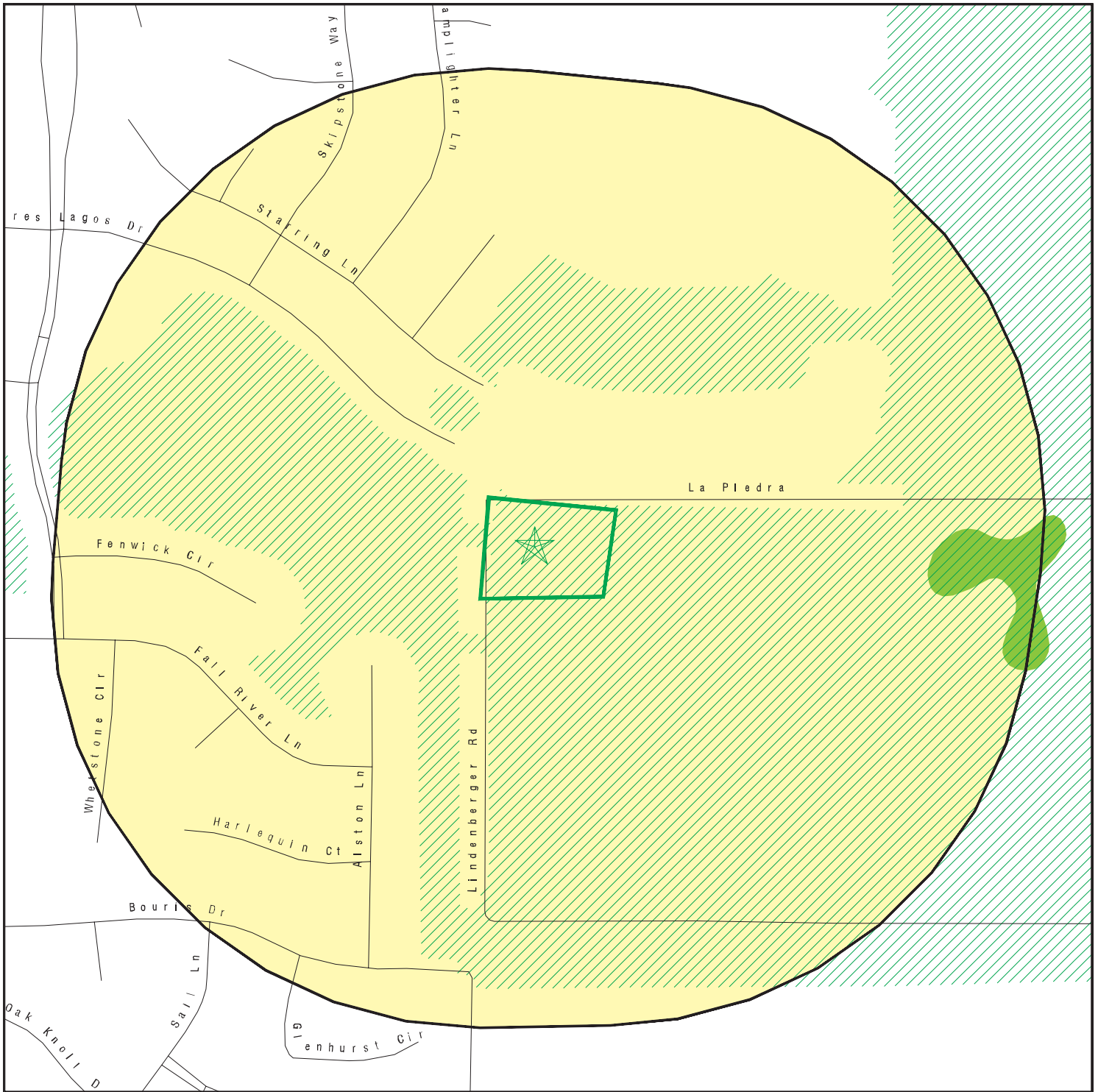









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.







SITE NAME: Sewer Lift Station
 ADDRESS: Tres Lagos Dr
 Menifee CA 92584
 LAT/LONG: 33.67735 / 117.144736

CLIENT: RMA Geoscience
 CONTACT: Martha Sgriccia
 INQUIRY #: 5167488.12s
 DATE: January 24, 2018 3:25 pm

DETAIL MAP - 5167488.12S



-  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
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern



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

SITE NAME: Sewer Lift Station
 ADDRESS: Tres Lagos Dr
 Menifee CA 92584
 LAT/LONG: 33.67735 / 117.144736

CLIENT: RMA Geoscience
 CONTACT: Martha Sgriccia
 INQUIRY #: 5167488.12s
 DATE: January 24, 2018 3:26 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
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
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		0	0	1	0	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	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
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	0	0	1	0	0	1
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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 ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
South
1/4-1/2
0.373 mi.
1967 ft.

HOLLAND ROAD ES NO. 11
HEATON LANE/HOLLAND ROAD
MENIFEE, CA 92584

ENVIROSTOR S118757095
SCH N/A

Relative:
Higher

ENVIROSTOR:

Actual:
1435 ft.

Facility ID: 60000282
Status: No Action Required
Status Date: 05/30/2006
Site Code: 404704
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Rana Georges
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 67
Senate: 23
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.6715
Longitude: -117.144
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 404704
Alias Type: Project Code (Site Code)
Alias Name: 60000282
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/30/2006
Comments: DTSC issued CRU memo for Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/25/2006
Comments: DTSC approved the Phase I report for no further action. Based on information provided by Department of Agriculture, no pesticides were used. Three herbicides were used at the site, the last application was in 2004 (half life = 30 days).

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOLLAND ROAD ES NO. 11 (Continued)

S118757095

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Facility ID: 60000282
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Rana Georges
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404704
Assembly: 67
Senate: 23
Special Program Status: Not reported
Status: No Action Required
Status Date: 05/30/2006
Restricted Use: NO
Funding: School District
Latitude: 33.6715
Longitude: -117.144
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 404704
Alias Type: Project Code (Site Code)
Alias Name: 60000282
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/30/2006
Comments: DTSC issued CRU memo for Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/25/2006
Comments: DTSC approved the Phase I report for no further action. Based on information provided by Department of Agriculture, no pesticides were used. Three herbicides were used at the site, the last application was in 2004 (half life = 30 days).

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOLLAND ROAD ES NO. 11 (Continued)

S118757095

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

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: N/A
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/22/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/16/2018
	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: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 92	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/17/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	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: 12/11/2017	Source: EPA
Date Data Arrived at EDR: 12/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/17/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2018
	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: 09/13/2017	Source: EPA
Date Data Arrived at EDR: 09/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/08/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/26/2018
	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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/12/2018
	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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/12/2018
	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: 09/18/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 01/19/2018

Next Scheduled EDR Contact: 04/09/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

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

Date of Government Version: 10/30/2017

Date Data Arrived at EDR: 10/31/2017

Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

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: 10/30/2017

Date Data Arrived at EDR: 10/31/2017

Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

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: 11/13/2017

Date Data Arrived at EDR: 11/14/2017

Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	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: 12/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: see region list
Date Made Active in Reports: 01/11/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

LUST REG 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: Varies

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/14/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017
Date Data Arrived at EDR: 07/27/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 71

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/23/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6271
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	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: 04/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3372
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-7439
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2017	Telephone: 206-553-2857
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

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: 12/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/26/2018
	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: Quarterly

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: Semi-Annually

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: Varies

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: Semi-Annually

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: Semi-Annually

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: Semi-Annually

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: Annually

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: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/26/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 134	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 98	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/13/2017	Source: EPA Region 9
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3368
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 07/27/2017	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/23/2018
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/31/2017	Telephone: 916-323-3400
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/31/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/12/2018
	Data Release Frequency: Quarterly

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

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: 12/20/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
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: 08/21/2017
Date Data Arrived at EDR: 09/20/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 05/31/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 76

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
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: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
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: 11/03/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/08/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

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: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/27/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 19

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 41

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 05/07/2018
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: 12/04/2017	Source: DTSC and SWRCB
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-323-3400
Date Made Active in Reports: 01/11/2018	Last EDR Contact: 12/05/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/19/2018
	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: 09/21/2017	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/21/2017	Telephone: 202-366-4555
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/09/2018
	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: 05/09/2017	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2017	Telephone: 916-845-8400
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

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: 12/11/2017	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 01/11/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/26/2018
	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: 12/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/26/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/22/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/05/2018
	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: 10/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/22/2018
	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: 10/11/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/22/2018
	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: 11/17/2017
Next Scheduled EDR Contact: 02/26/2018
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: 10/17/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 04/09/2018
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: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/19/2018
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: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
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: 01/10/2018
Next Scheduled EDR Contact: 03/05/2018
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/22/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 21

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 05/07/2018
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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/22/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/19/2018
	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: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/12/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 04/23/2018
	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: 01/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/23/2018
	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: Quarterly

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: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 01/19/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	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: 12/05/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/19/2018
	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: 12/08/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/19/2018
	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: 10/26/2017
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/05/2018
	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: 10/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2017	Telephone: 202-343-9775
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 01/04/2018
Number of Days to Update: 8	Next Scheduled EDR Contact: 04/16/2018
	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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

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: 09/30/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 63

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/02/2018
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: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
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: 01/09/2018
Next Scheduled EDR Contact: 04/23/2018
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: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/19/2018
Next Scheduled EDR Contact: 02/19/2018
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: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/16/2018
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: 10/29/2017
Date Data Arrived at EDR: 11/28/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 45

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
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: 12/01/2017
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/12/2018
	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: 12/01/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/12/2018
	Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/25/2017	Source: Department of Interior
Date Data Arrived at EDR: 09/26/2017	Telephone: 202-208-2609
Date Made Active in Reports: 10/20/2017	Last EDR Contact: 12/19/2017
Number of Days to Update: 24	Next Scheduled EDR Contact: 03/26/2018
	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: 07/23/2017	Source: EPA
Date Data Arrived at EDR: 09/06/2017	Telephone: (415) 947-8000
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/19/2018
	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: 06/27/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2017	Telephone: 202-564-0527
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/12/2018
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/02/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/30/2018
	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: 09/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/06/2017	Telephone: 202-564-2280
Date Made Active in Reports: 10/20/2017	Last EDR Contact: 01/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/19/2018
	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: 11/20/2017	Source: EPA
Date Data Arrived at EDR: 11/20/2017	Telephone: 800-385-6164
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 01/19/2018
Number of Days to Update: 53	Next Scheduled EDR Contact: 03/05/2018
	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: 09/21/2017	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2017	Telephone: 916-323-3400
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/02/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/08/2017	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 11/30/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/19/2018
	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: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 147	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/01/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/03/2017	Telephone: 916-445-9379
Date Made Active in Reports: 12/07/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/23/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2017	Telephone: 916-255-3628
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/14/2017	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 11/17/2017	Telephone: 916-341-6066
Date Made Active in Reports: 12/18/2017	Last EDR Contact: 11/09/2017
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/26/2018
	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: 12/31/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 01/08/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/20/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/20/2017	Telephone: 877-786-9427
Date Made Active in Reports: 12/27/2017	Last EDR Contact: 11/20/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/05/2018
	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/20/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/20/2017	Telephone: 916-323-3400
Date Made Active in Reports: 12/27/2017	Last EDR Contact: 11/20/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/05/2018
	Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/10/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/10/2017	Telephone: 916-440-7145
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 01/09/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/11/2017	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2017	Telephone: 916-322-1080
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 12/12/2017
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/26/2018
	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: 11/29/2017	Source: Department of Public Health
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-558-1784
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 12/05/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/13/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/14/2017	Telephone: 916-445-9379
Date Made Active in Reports: 12/07/2017	Last EDR Contact: 11/14/2017
Number of Days to Update: 23	Next Scheduled EDR Contact: 02/26/2018
	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: 12/04/2017	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/05/2017	Telephone: 916-445-4038
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 12/05/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 35

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 32

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 12/11/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
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 board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/12/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

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: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 04/24/2017
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 15

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 64

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/20/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 01/19/2018
Number of Days to Update: 51

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

Date of Government Version: 10/31/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/14/2017
Number of Days to Update: 13

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 12/06/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 21

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

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: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 40

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/25/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 19

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/20/2017
Number of Days to Update: 43

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

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: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/09/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 5

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/24/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 82

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 5

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 10/17/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 51

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/17/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/10/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/23/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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: 10/26/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/06/2017
Number of Days to Update: 10

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/02/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/17/2018
Number of Days to Update: 12

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 01/02/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 14

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 11/21/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 30

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/15/2017
Date Made Active in Reports: 11/28/2017
Number of Days to Update: 74

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 11/22/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 8

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 28

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2017	Source: Health Care Agency
Date Data Arrived at EDR: 11/07/2017	Telephone: 714-834-3446
Date Made Active in Reports: 12/19/2017	Last EDR Contact: 11/07/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/19/2018
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2017	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 09/06/2017	Telephone: 530-745-2363
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 11/30/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 10/23/2017	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 11/03/2017	Telephone: 530-283-6355
Date Made Active in Reports: 11/15/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 12	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017	Telephone: 951-358-5055
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 12/15/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017	Telephone: 951-358-5055
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 12/15/2017
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 3

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/03/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 44

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/03/2018
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/30/2017
Date Data Arrived at EDR: 12/01/2017
Date Made Active in Reports: 01/16/2018
Number of Days to Update: 46

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 12/04/2017
Date Data Arrived at EDR: 12/05/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 37

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 4

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/12/2017
Date Data Arrived at EDR: 12/14/2017
Date Made Active in Reports: 01/11/2018
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/06/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/12/2017
Date Data Arrived at EDR: 12/14/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 12/13/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/16/2017
Date Made Active in Reports: 01/04/2018
Number of Days to Update: 49

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

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

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

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: 30

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 28

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 12/14/2017
Date Data Arrived at EDR: 12/15/2017
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 34

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 50

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/10/2017
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 01/04/2018
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 6

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 12/04/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 15

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 12/18/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 22

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

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: 12/26/2017
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/08/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/22/2018
Next Scheduled EDR Contact: 05/07/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/27/2017	Source: Environmental Health Division
Date Data Arrived at EDR: 12/13/2017	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 12/11/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 01/02/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 01/09/2018	Telephone: 530-666-8646
Date Made Active in Reports: 01/19/2018	Last EDR Contact: 01/02/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/10/2017	Telephone: 530-749-7523
Date Made Active in Reports: 11/16/2017	Last EDR Contact: 10/25/2017
Number of Days to Update: 6	Next Scheduled EDR Contact: 02/12/2018
	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: 11/11/2017	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2017	Telephone: 860-424-3375
Date Made Active in Reports: 12/18/2017	Last EDR Contact: 11/14/2017
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 01/05/2018
Number of Days to Update: 107	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/01/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/16/2018
Next Scheduled EDR Contact: 04/30/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SEWER LIFT STATION
TRES LAGOS DR
MENIFEE, CA 92584

TARGET PROPERTY COORDINATES

Latitude (North):	33.67735 - 33° 40' 38.46"
Longitude (West):	117.144736 - 117° 8' 41.05"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	486583.3
UTM Y (Meters):	3726198.0
Elevation:	1427 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641314 ROMOLAND, CA
Version Date:	2012

East Map:	5640944 WINCHESTER, 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 principal 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).

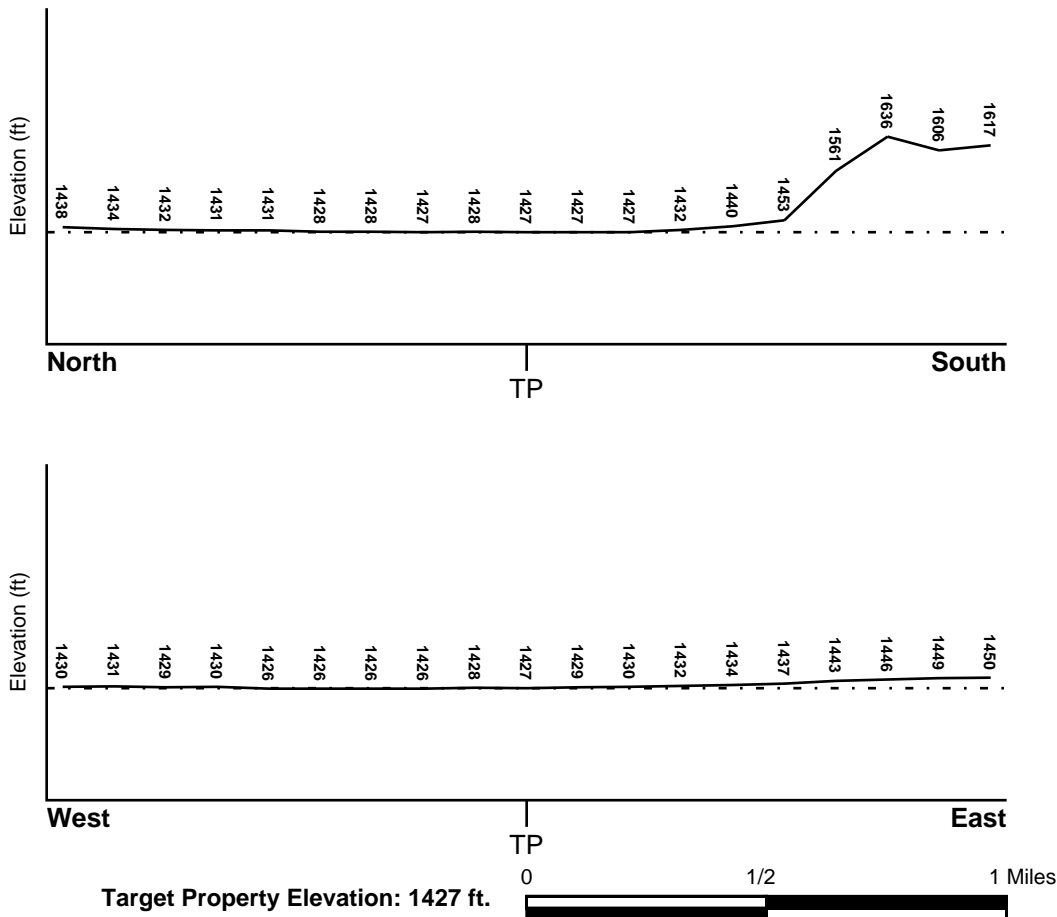
TOPOGRAPHIC INFORMATION

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 WNW

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>
06065C2070H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06065C2060H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

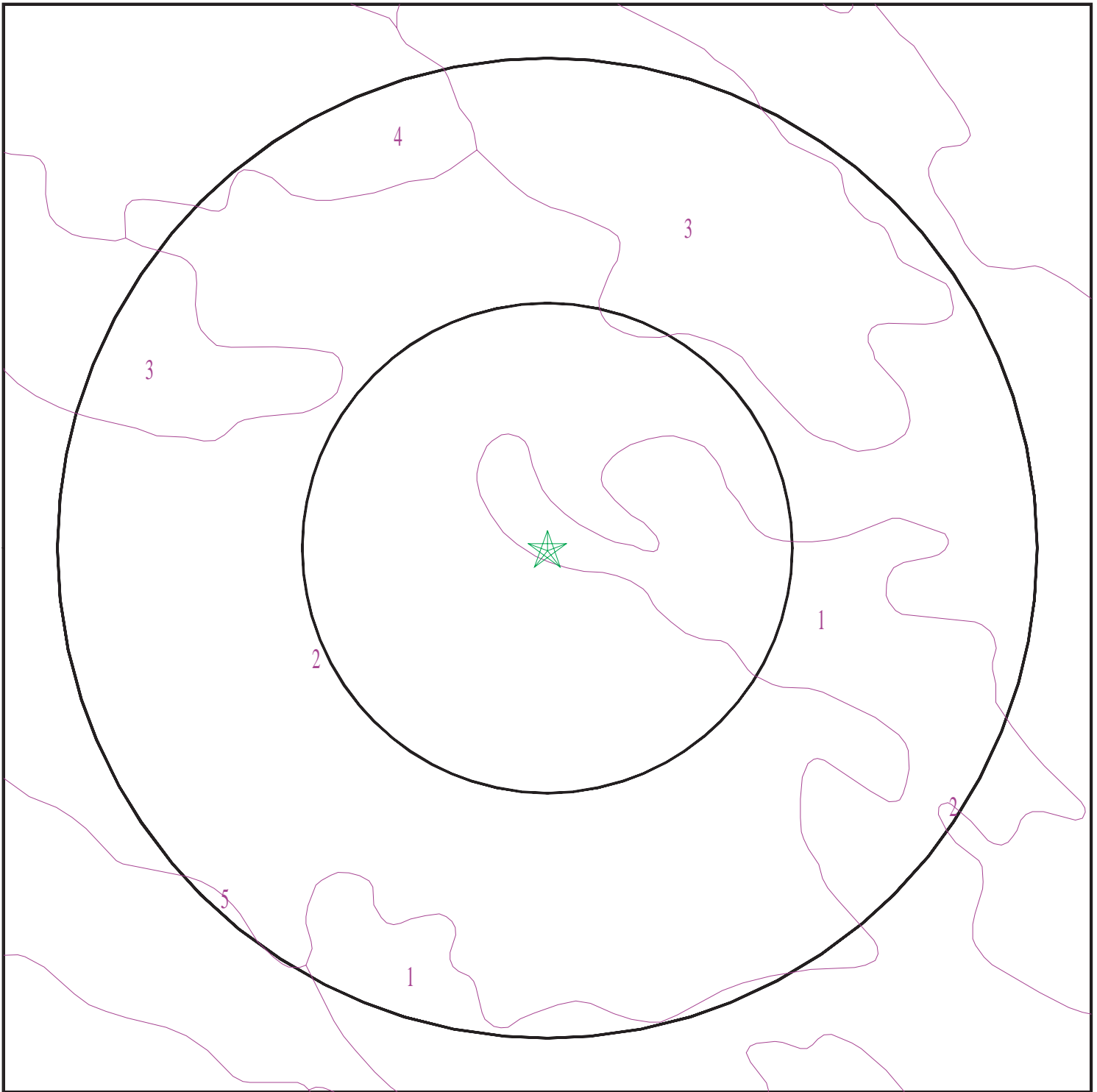
Era: Mesozoic
System: Cretaceous
Series: Cretaceous granitic rocks
Code: Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

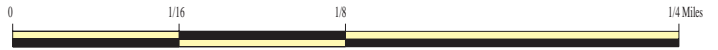
Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5167488.12s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Sewer Lift Station
ADDRESS: Tres Lagos Dr
Menifee CA 92584
LAT/LONG: 33.67735 / 117.144736

CLIENT: RMA Geoscience
CONTACT: Martha Sgriccia
INQUIRY #: 5167488.12s
DATE: January 24, 2018 3:27 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: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.6
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.8 Min: 6.6
3	37 inches	50 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: DOMINO

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
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	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9 Min: 7.9
2	14 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
3	27 inches	35 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	35 inches	62 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 9 Min: 7.9

Soil Map ID: 3

Soil Component Name: WILLOWS

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: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not 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	9 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), Fat Clay.	Max: 0.42 Min: 0.01	Max: 9 Min: 7.4
2	9 inches	42 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: 0.42 Min: 0.01	Max: 9 Min: 8.5

Soil Map ID: 4

Soil Component Name: WAUKENA

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 9.6 Min: 7.8
2	11 inches	35 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.4 Min: 0.42	Max: 9.6 Min: 7.8
3	35 inches	59 inches	stratified loamy fine sand to clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 9.6 Min: 7.8

Soil Map ID: 5

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 9 Min: 7.9
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14 Min: 4	Max: 9 Min: 7.9
3	37 inches	50 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000136625	0 - 1/8 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C5	USGS40000136643	1/4 - 1/2 Mile East
D6	USGS40000136616	1/4 - 1/2 Mile East
E8	USGS40000136657	1/4 - 1/2 Mile WNW
F11	USGS40000136723	1/2 - 1 Mile North
H14	USGS40000136724	1/2 - 1 Mile NNW
G16	USGS40000136644	1/2 - 1 Mile West
I20	USGS40000136725	1/2 - 1 Mile NW
J23	USGS40000136718	1/2 - 1 Mile NW
K26	USGS40000136617	1/2 - 1 Mile West
L28	USGS40000136668	1/2 - 1 Mile West
M30	USGS40000136726	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

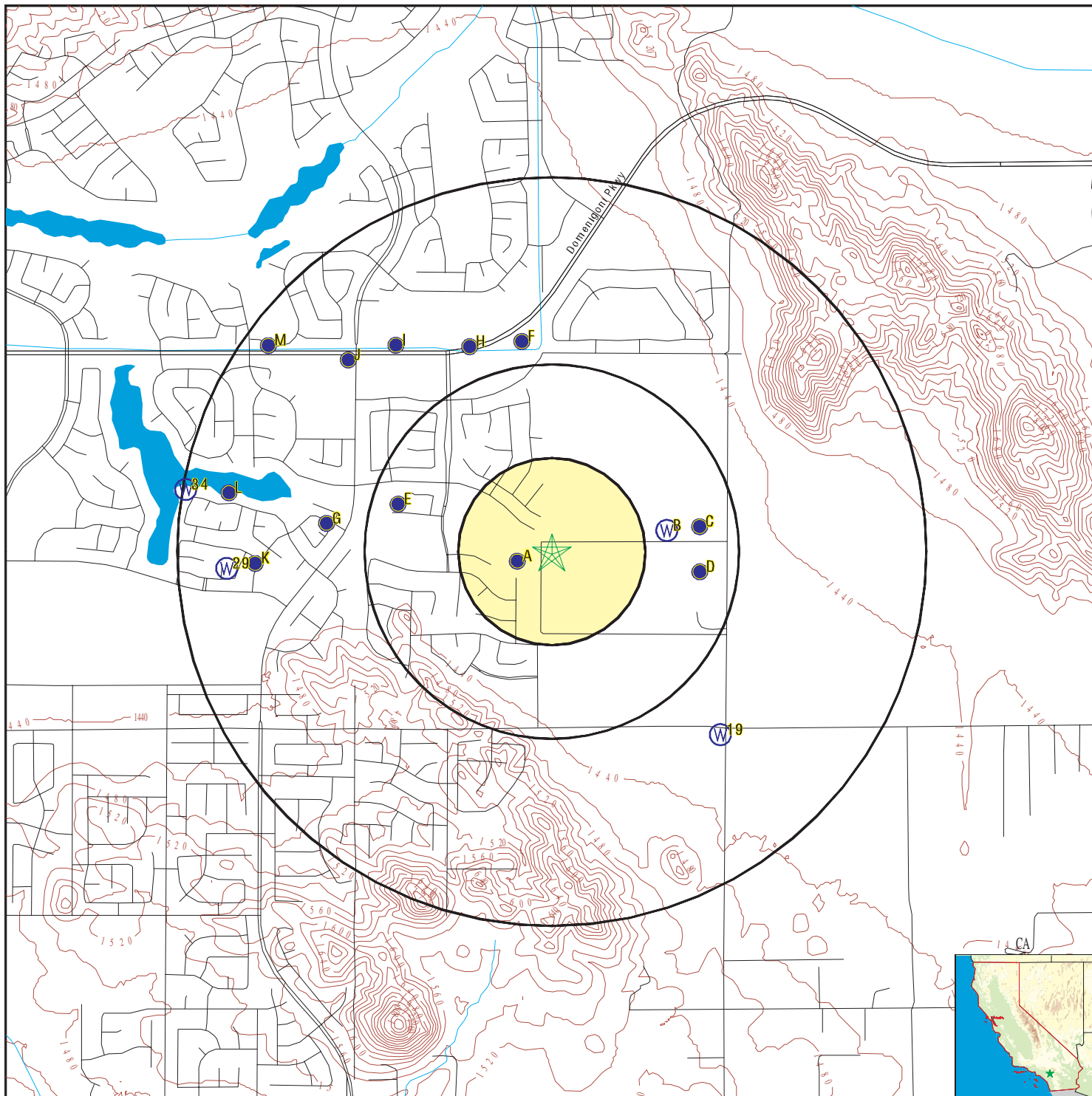
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

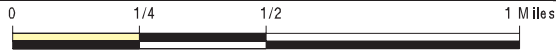
MAP ID	WELL ID	LOCATION FROM TP
A2	CADW600000021502	0 - 1/8 Mile WSW
B3	CADW600000006176	1/4 - 1/2 Mile East
B4	CADW600000034417	1/4 - 1/2 Mile ENE
D7	CADW600000006212	1/4 - 1/2 Mile East
C9	CADW600000006175	1/4 - 1/2 Mile East
E10	CADW600000021501	1/4 - 1/2 Mile WNW
F12	CADW600000035673	1/2 - 1 Mile NNW
G13	CADW600000006215	1/2 - 1 Mile West
F15	CADW600000006172	1/2 - 1 Mile North
H17	CADW600000022709	1/2 - 1 Mile NNW
G18	CADW600000034420	1/2 - 1 Mile West
19	CADW600000006217	1/2 - 1 Mile SE
I21	CADW600000006171	1/2 - 1 Mile NW
I22	CADW600000035672	1/2 - 1 Mile NW
J24	CADW600000021503	1/2 - 1 Mile NW
K25	CADW600000006216	1/2 - 1 Mile West
L27	CADW600000006213	1/2 - 1 Mile West
29	CADW600000021506	1/2 - 1 Mile West
L31	CADW600000034419	1/2 - 1 Mile West
M32	CADW600000035671	1/2 - 1 Mile NW
M33	CADW600000006170	1/2 - 1 Mile NW
34	CADW600000006214	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 5167488.12s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Sewer Lift Station
 ADDRESS: Tres Lagos Dr
 Menifee CA 92584
 LAT/LONG: 33.67735 / 117.144736

CLIENT: RMA Geoscience
 CONTACT: Martha Sgriccia
 INQUIRY #: 5167488.12s
 DATE: January 24, 2018 3:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
WSW
0 - 1/8 Mile
Higher

FED USGS USGS40000136625

Org. Identifier:	USGS-CA				
Formal name:	USGS California Water Science Center				
Monloc Identifier:	USGS-334037117084201				
Monloc name:	006S003W01L001S				
Monloc type:	Well				
Monloc desc:	Not Reported				
Huc code:	18070202	Drainagearea value:	Not Reported		
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported		
Contrib drainagearea units:	Not Reported	Latitude:	33.6769668		
Longitude:	-117.1458651	Sourcemap scale:	24000		
Horiz Acc measure:	5	Horiz Acc measure units:	seconds		
Horiz Collection method:	Interpolated from map				
Horiz coord refsys:	NAD83	Vert measure val:	1427		
Vert measure units:	feet	Vertacc measure val:	5		
Vert accmeasure units:	feet				
Vertcollection method:	Interpolated from topographic map				
Vert coord refsys:	NGVD29	Countrycode:	US		
Aquifername:	California Coastal Basin aquifers				
Formation type:	Not Reported				
Aquifer type:	Not Reported				
Construction date:	Not Reported		Welldepth:	109.4	
Welldepth units:	ft	Wellholedepth:	Not Reported		
Wellholedepth units:	Not Reported				

Ground-water levels, Number of Measurements: 2

	Feet below	Feet to		Feet below	Feet to
Date	Surface	Sealevel	Date	Surface	Sealevel

1995-09-28					

Note: The site was dry (no water level recorded).

1995-05-10 99.87

A2
WSW
0 - 1/8 Mile
Higher

CA WELLS CADW60000021502

Objectid:	21502	
Latitude:	33.677	
Longitude:	-117.1468	
Site code:	336770N1171468W001	
State well numbe:	06S03W01L001S	
Local well name:	"	
Well use id:	6	
Well use descrip:	Unknown	
County id:	33	
County name:	Riverside	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000021502

B3
East
1/4 - 1/2 Mile
Higher

CA WELLS CADW60000006176

Objectid: 6176
 Latitude: 33.677937
 Longitude: -117.139801
 Site code: 336779N1171398W001
 State well numbe: Not Reported
 Local well name: 'EMWD12836'
 Well use id: 3
 Well use descrip: Irrigation
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000006176

B4
ENE
1/4 - 1/2 Mile
Higher

CA WELLS CADW60000034417

Objectid: 34417
 Latitude: 33.6784
 Longitude: -117.139
 Site code: 336784N1171390W001
 State well numbe: 06S03W01H001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000034417

C5
East
1/4 - 1/2 Mile
Higher

FED USGS USGS40000136643

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334042117081401		
Monloc name:	006S003W01H001S		
Monloc type:	Well		
Monloc desc:	DEPTH SOUNDED 6/2/95		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6783556
Longitude:	-117.138087	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1430
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	369.5
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-06-02	109.59	

**D6
East
1/4 - 1/2 Mile
Higher**

FED USGS USGS40000136616

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334036117081101		
Monloc name:	006S003W01J002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6765278
Longitude:	-117.1378889	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	1430.00
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	300
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

D7
East
1/4 - 1/2 Mile
Higher

CA WELLS CADW60000006212

Objectid:	6212
Latitude:	33.676612
Longitude:	-117.137852
Site code:	336766N1171379W001
State well numbe:	Not Reported
Local well name:	'EMWD12837'
Well use id:	3
Well use descrip:	Irrigation
County id:	33
County name:	Riverside
Basin code:	'8-5'
Basin desc:	San Jacinto
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000006212

E8
WNW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000136657

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334045117090201		
Monloc name:	006S003W01E001S		
Monloc type:	Well		
Monloc desc:	DEPTH MEASURED 5/10/95		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6791889
Longitude:	-117.151421	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1428
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	272.7
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-09-28	96.83		1995-05-10	93.43	

C9
East
1/4 - 1/2 Mile
Higher

CA WELLS CADW6000006175

Objectid: 6175
 Latitude: 33.67829
 Longitude: -117.137668
 Site code: 336783N1171377W001
 State well numbe: Not Reported
 Local well name: 'EMWD11191'
 Well use id: 3
 Well use descrip: Irrigation
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW6000006175

E10
WNW
1/4 - 1/2 Mile
Higher

CA WELLS CADW60000021501

Objectid: 21501
 Latitude: 33.6792
 Longitude: -117.1523
 Site code: 336792N1171523W001
 State well numbe: 06S03W01E001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000021501

F11
North
1/2 - 1 Mile
Higher

FED USGS USGS40000136723

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334107117084201		
Monloc name:	005S003W36P002S		
Monloc type:	Well		
Monloc desc:	EMWD WELL		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6852998
Longitude:	-117.1458651	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1430
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19920603	Welldepth:	680
Welldepth units:	ft	Wellholedepth:	750
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-09-28	96.73		1994-07-12	104.71	

**F12
NNW
1/2 - 1 Mile
Higher**

CA WELLS CADW60000035673

Objectid:	35673
Latitude:	33.6853
Longitude:	-117.1468
Site code:	336853N1171468W001
State well numbe:	05S03W36P002S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	'8-5'
Basin desc:	San Jacinto
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000035673

**G13
West
1/2 - 1 Mile
Higher**

CA WELLS CADW60000006215

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 6215
 Latitude: 33.678589
 Longitude: -117.1546
 Site code: 336786N1171546W001
 State well numbe: Not Reported
 Local well name: 'EMWD12847'
 Well use id: 3
 Well use descrip: Irrigation
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000006215

H14
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000136724

Org. Identifier: USGS-CA
 Formal name: USGS California Water Science Center
 Monloc Identifier: USGS-334107117085001
 Monloc name: 005S003W36P001S
 Monloc type: Well
 Monloc desc: ORIG DEPTH 705 FT, SOUNDED DEPTH 128.7 FT APR 95
 Huc code: 18070202 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 33.6852998
 Longitude: -117.1480875 Sourcemap scale: 24000
 Horiz Acc measure: 5 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83 Vert measure val: 1425
 Vert measure units: feet Vertacc measure val: 5
 Vert accmeasure units: feet
 Vertcollection method: Interpolated from topographic map
 Vert coord refsys: NGVD29 Countrycode: US
 Aquifername: California Coastal Basin aquifers
 Formation type: Not Reported
 Aquifer type: Not Reported
 Construction date: 195012 Welldepth: 128.7
 Welldepth units: ft Wellholedepth: 705
 Wellholedepth units: ft

Ground-water levels, Number of Measurements: 2

	Feet below	Feet to		Feet below	Feet to
Date	Surface	Sealevel	Date	Surface	Sealevel
1995-09-28	95.22		1995-04-26	96.41	

F15
North
1/2 - 1 Mile
Higher

CA WELLS CADW60000006172

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 6172
 Latitude: 33.685903
 Longitude: -117.145705
 Site code: 336859N1171457W001
 State well numbe: Not Reported
 Local well name: 'EMWD12816'
 Well use id: 1
 Well use descrip: Observation
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000006172

G16
West
1/2 - 1 Mile
Higher

FED USGS USGS40000136644

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334042117091501		
Monloc name:	006S003W02H002S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6783556
Longitude:	-117.1550322	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1428
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19871009	Welldepth:	565
Welldepth units:	ft	Wellholedepth:	565
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1995-06-02	95.26	

H17
NNW
1/2 - 1 Mile
Higher

CA WELLS CADW60000022709

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 22709
 Latitude: 33.6853
 Longitude: -117.149
 Site code: 336853N1171490W001
 State well numbe: 05S03W36P001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000022709

G18
West
1/2 - 1 Mile
Higher

CA WELLS CADW60000034420

Objectid: 34420
 Latitude: 33.6784
 Longitude: -117.1559
 Site code: 336784N1171559W001
 State well numbe: 06S03W02H002S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000034420

19
SE
1/2 - 1 Mile
Higher

CA WELLS CADW60000006217

Objectid: 6217
 Latitude: 33.670251
 Longitude: -117.136916
 Site code: 336703N1171369W001
 State well numbe: Not Reported
 Local well name: 'EMWD14358'
 Well use id: 1
 Well use descrip: Observation
 County id: 33
 County name: Riverside

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000006217

**I20
 NW
 1/2 - 1 Mile
 Higher**

FED USGS USGS40000136725

Org. Identifier: USGS-CA
 Formal name: USGS California Water Science Center
 Monloc Identifier: USGS-334107117090301
 Monloc name: 005S003W36N002S
 Monloc type: Well
 Monloc desc: ORIG DEPTH 700 FT, SOUNDED DEPTH 338.6 FT 4/26/95
 Huc code: 18070202 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 33.6852998
 Longitude: -117.1516988 Sourcemap scale: 24000
 Horiz Acc measure: 5 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83 Vert measure val: 1425
 Vert measure units: feet Vertacc measure val: 5
 Vert accmeasure units: feet
 Vertcollection method: Interpolated from topographic map
 Vert coord refsys: NGVD29 Countrycode: US
 Aquifername: California Coastal Basin aquifers
 Formation type: Not Reported
 Aquifer type: Not Reported
 Construction date: 19770524 Welldepth: 338.6
 Welldepth units: ft Wellholedepth: 700
 Wellholedepth units: ft

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-09-28	95.07		1995-04-26	91.98	

**I21
 NW
 1/2 - 1 Mile
 Higher**

CA WELLS CADW60000006171

Objectid: 6171
 Latitude: 33.68547
 Longitude: -117.151591
 Site code: 336855N1171516W001
 State well numbe: Not Reported
 Local well name: 'EMWD14432'
 Well use id: 1
 Well use descrip: Observation
 County id: 33
 County name: Riverside

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000006171

**I22
 NW
 1/2 - 1 Mile
 Higher**

CA WELLS CADW60000035672

Objectid: 35672
 Latitude: 33.6853
 Longitude: -117.1526
 Site code: 336853N1171526W001
 State well numbe: 05S03W36N002S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000035672

**J23
 NW
 1/2 - 1 Mile
 Higher**

FED USGS USGS40000136718

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334105117091201		
Monloc name:	006S003W02A001S		
Monloc type:	Well		
Monloc desc:	ORIG DEPTH 580 FT SOUNDED DEPTH 577 FT		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6847443
Longitude:	-117.1541989	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1425
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19930811	Welldepth:	577
Welldepth units:	ft	Wellholedepth:	600
Wellholedepth units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-09-28	98.27		1995-04-26	93.97	

**J24
NW
1/2 - 1 Mile
Higher**

CA WELLS CADW60000021503

Objectid: 21503
 Latitude: 33.684827
 Longitude: -117.154138
 Site code: 336847N1171551W001
 State well numbe: 06S03W02A001S
 Local well name: 'EMWD12840'
 Well use id: 1
 Well use descrip: Observation
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000021503

**K25
West
1/2 - 1 Mile
Higher**

CA WELLS CADW60000006216

Objectid: 6216
 Latitude: 33.677099
 Longitude: -117.158046
 Site code: 336771N1171580W001
 State well numbe: Not Reported
 Local well name: 'EMWD12848'
 Well use id: 3
 Well use descrip: Irrigation
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000006216

**K26
West
1/2 - 1 Mile
Higher**

FED USGS USGS40000136617

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334036117092901		
Monloc name:	006S003W02J001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6766889
Longitude:	-117.1589213	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1428
Vert measure units:	feet	Vertacc measure val:	100
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19880907	Welldepth:	514
Welldepth units:	ft	Wellholedepth:	514
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1995-06-05	94.62	

L27
West
1/2 - 1 Mile
Higher

CA WELLS CADW6000006213

Objectid:	6213
Latitude:	33.679612
Longitude:	-117.159344
Site code:	336796N1171593W001
State well numbe:	Not Reported
Local well name:	'EMWD12845'
Well use id:	3
Well use descrip:	Irrigation
County id:	33
County name:	Riverside
Basin code:	'8-5'
Basin desc:	San Jacinto
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW6000006213

L28
West
1/2 - 1 Mile
Higher

FED USGS USGS40000136668

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334047117093601		
Monloc name:	006S003W02G001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070202	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6796944
Longitude:	-117.159361	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	1435
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Unconfined single aquifer		
Construction date:	19880404	Welldepth:	625
Welldepth units:	ft	Wellholedepth:	625
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-02-26	85.1		1995-06-05	89.81	

29
West
1/2 - 1 Mile
Higher

CA WELLS CADW60000021506

Objectid:	21506
Latitude:	33.6767
Longitude:	-117.1598
Site code:	336767N1171598W001
State well numbe:	06S03W02J001S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	33
County name:	Riverside
Basin code:	'8-5'
Basin desc:	San Jacinto
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000021506

M30
NW
1/2 - 1 Mile
Higher

FED USGS USGS40000136726

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier: USGS-CA
 Formal name: USGS California Water Science Center
 Monloc Identifier: USGS-334107117092301
 Monloc name: 005S003W35R001S
 Monloc type: Well
 Monloc desc: BLUE STEEL COVER LOCATED IN GRASSY AREA NEAR ROAD
 Huc code: 18070202 Drainagearea value: Not Reported
 Drainagearea Units: Not Reported Contrib drainagearea: Not Reported
 Contrib drainagearea units: Not Reported Latitude: 33.6852998
 Longitude: -117.1572546 Sourcemap scale: 24000
 Horiz Acc measure: 5 Horiz Acc measure units: seconds
 Horiz Collection method: Interpolated from map
 Horiz coord refsys: NAD83 Vert measure val: 1425
 Vert measure units: feet Vertacc measure val: 5
 Vert accmeasure units: feet
 Vertcollection method: Interpolated from topographic map
 Vert coord refsys: NGVD29 Countrycode: US
 Aquifername: California Coastal Basin aquifers
 Formation type: Not Reported
 Aquifer type: Not Reported
 Construction date: 19930811 Welldepth: 600.3
 Welldepth units: ft Wellholedepth: 625
 Wellholedepth units: ft

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1995-09-28	92.28		1995-04-26	88.48	

L31
West
1/2 - 1 Mile
Higher

CA WELLS CADW60000034419

Objectid: 34419
 Latitude: 33.6796
 Longitude: -117.1604
 Site code: 336796N1171604W001
 State well numbe: 06S03W02G001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000034419

M32
NW
1/2 - 1 Mile
Higher

CA WELLS CADW60000035671

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 35671
 Latitude: 33.6853
 Longitude: -117.1582
 Site code: 336853N1171582W001
 State well numbe: 05S03W35R001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000035671

M33
NW
1/2 - 1 Mile
Higher

CA WELLS CADW60000006170

Objectid: 6170
 Latitude: 33.685428
 Longitude: -117.158169
 Site code: 336854N1171582W001
 State well numbe: 05S03W35Q001S
 Local well name: 'EMWD12809'
 Well use id: 1
 Well use descrip: Observation
 County id: 33
 County name: Riverside
 Basin code: '8-5'
 Basin desc: San Jacinto
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000006170

34
West
1/2 - 1 Mile
Higher

CA WELLS CADW60000006214

Objectid: 6214
 Latitude: 33.67976
 Longitude: -117.161703
 Site code: 336798N1171617W001
 State well numbe: Not Reported
 Local well name: 'EMWD12846'
 Well use id: 3
 Well use descrip: Irrigation
 County id: 33
 County name: Riverside

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-5'
Basin desc: San Jacinto
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000006214

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92584	3	0

Federal EPA Radon Zone for RIVERSIDE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

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.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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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AERIAL PHOTOGRAPHS



Sewer Lift Station

Tres Lagos Dr

Menifee, CA 92584

Inquiry Number: 5167488.20

January 25, 2018

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

01/25/18

Site Name:

Sewer Lift Station
Tres Lagos Dr
Menifee, CA 92584
EDR Inquiry # 5167488.20

Client Name:

RMA Geoscience
9854 Glenoaks Blvd
Sun Valley, CA 91352
Contact: Martha Sgriccia



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>
2014	1"=500'	Flight Year: 2014	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: May 22, 2002	USGS/DOQQ
1996	1"=500'	Flight Date: September 30, 1996	USGS
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1978	1"=500'	Flight Date: September 20, 1978	USDA
1967	1"=500'	Flight Date: May 09, 1967	USDA
1961	1"=500'	Flight Date: October 02, 1961	USDA
1953	1"=500'	Flight Date: August 28, 1953	USDA
1949	1"=500'	Flight Date: May 23, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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INQUIRY #: 5167488.20

YEAR: 2014

— = 500'





INQUIRY #: 5167488.20

YEAR: 2010

— = 500'





INQUIRY #: 5167488.20

YEAR: 2006

— = 500'



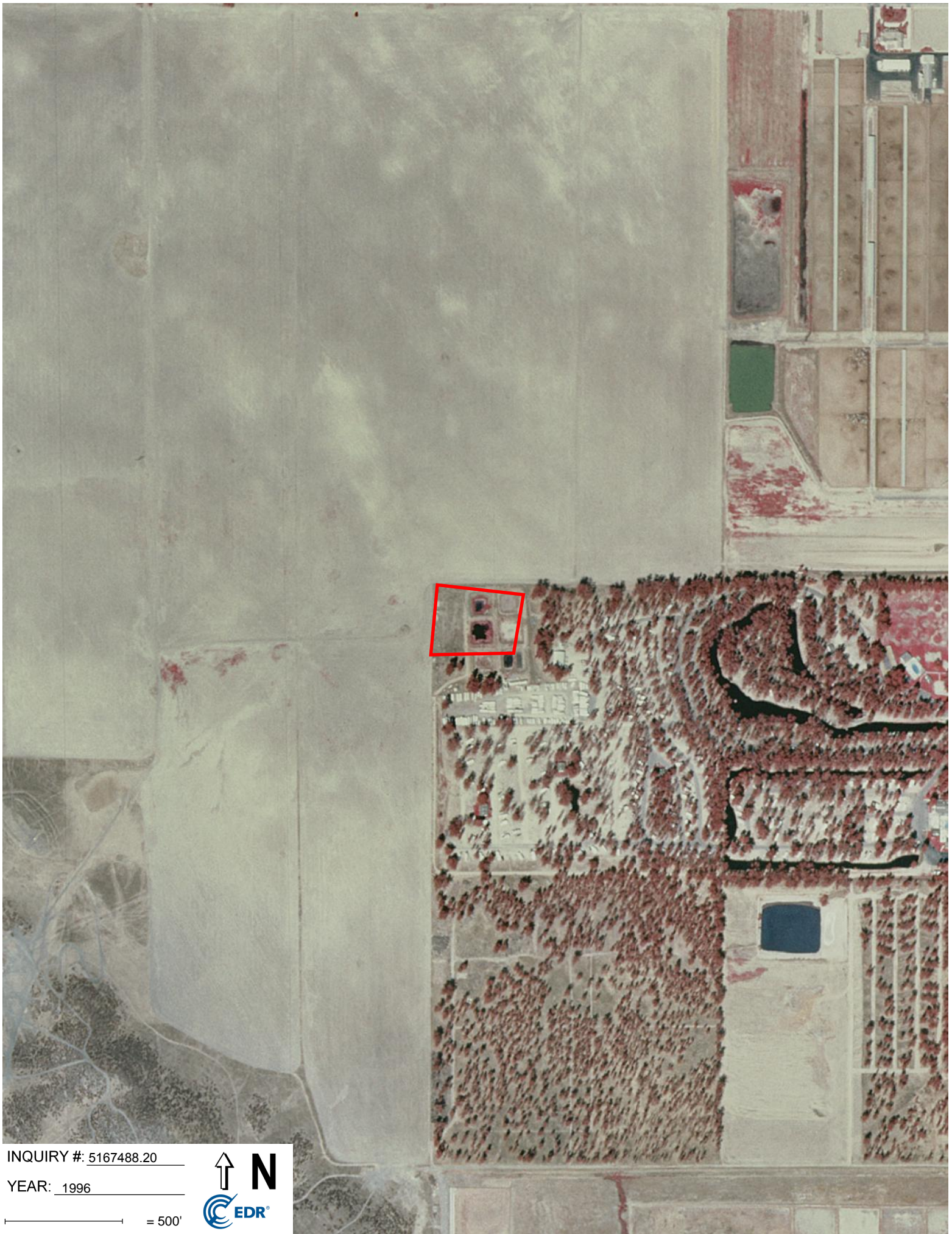


INQUIRY #: 5167488.20

YEAR: 2002

— = 500'



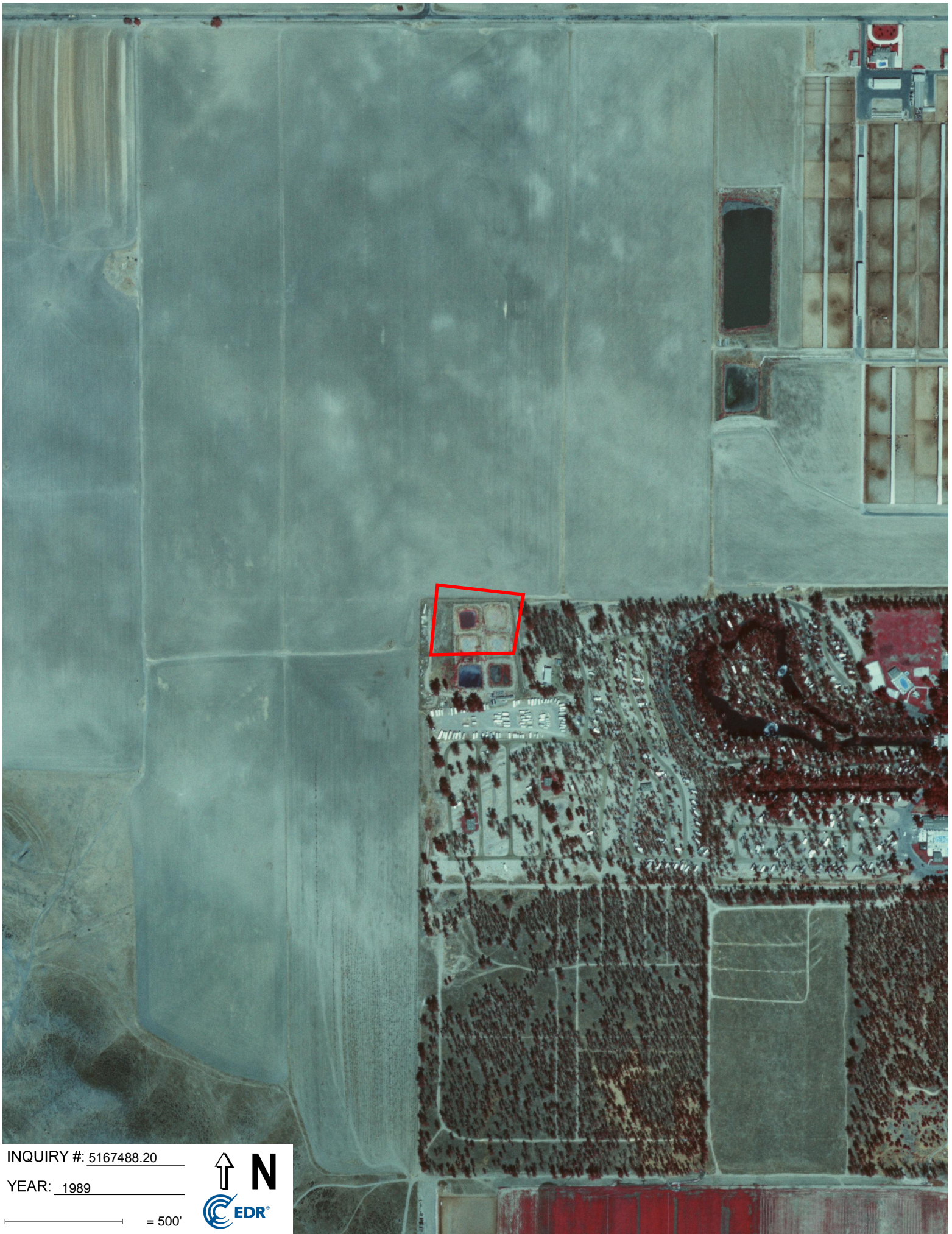


INQUIRY #: 5167488.20

YEAR: 1996

— = 500'





INQUIRY #: 5167488.20

YEAR: 1989

— = 500'





INQUIRY #: 5167488.20

YEAR: 1985

— = 500'





INQUIRY #: 5167488.20

YEAR: 1978

— = 500'





INQUIRY #: 5167488.20

YEAR: 1967

— = 500'





INQUIRY #: 5167488.20

YEAR: 1961

— = 500'





INQUIRY #: 5167488.20

YEAR: 1953

— = 500'





INQUIRY #: 5167488.20

YEAR: 1949

————— = 500'





INQUIRY #: 5167488.20

YEAR: 1938

— = 500'





TOPOGRAPHIC MAPS

Sewer Lift Station

Tres Lagos Dr

Menifee, CA 92584

Inquiry Number: 5167488.14

January 24, 2018

EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

01/24/18

Site Name:

Sewer Lift Station
Tres Lagos Dr
Menifee, CA 92584
EDR Inquiry # 5167488.14

Client Name:

RMA Geoscience
9854 Glenoaks Blvd
Sun Valley, CA 91352
Contact: Martha Sgriccia



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by RMA Geoscience 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:**

P.O.#	18G-0056	Latitude:	33.67735 33° 40' 38" North
Project:	Proposed Sewer Lift Station	Longitude:	-117.144736 -117° 8' 41" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	486583.62
		UTM Y Meters:	3726391.52
		Elevation:	1427.00' above sea level

Maps Provided:

2012
1979
1973
1953
1947
1943
1942
1901

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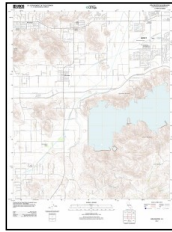
Topo Sheet Key

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

2012 Source Sheets



Romoland
2012
7.5-minute, 24000



Winchester
2012
7.5-minute, 24000

1979 Source Sheets

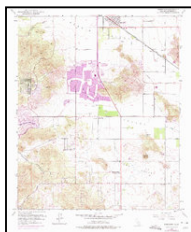


Romoland
1979
7.5-minute, 24000
Aerial Photo Revised 1976

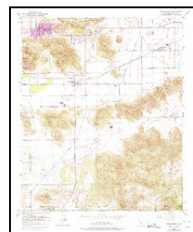


Winchester
1979
7.5-minute, 24000
Aerial Photo Revised 1976

1973 Source Sheets

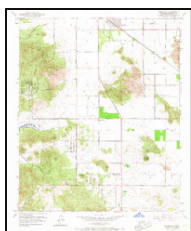


Romoland
1973
7.5-minute, 24000
Aerial Photo Revised 1973

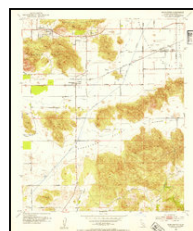


Winchester
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1953 Source Sheets



Romoland
1953
7.5-minute, 24000
Aerial Photo Revised 1951

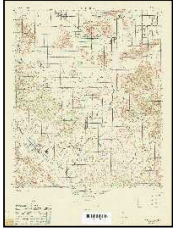


Winchester
1953
7.5-minute, 24000
Aerial Photo Revised 1951

Topo Sheet Key

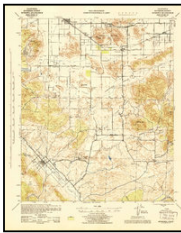
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



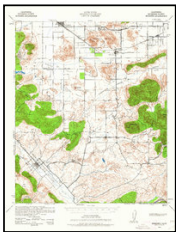
MURRIETA
1947
15-minute, 50000

1943 Source Sheets



Murrieta
1943
15-minute, 62500
Aerial Photo Revised 1939

1942 Source Sheets

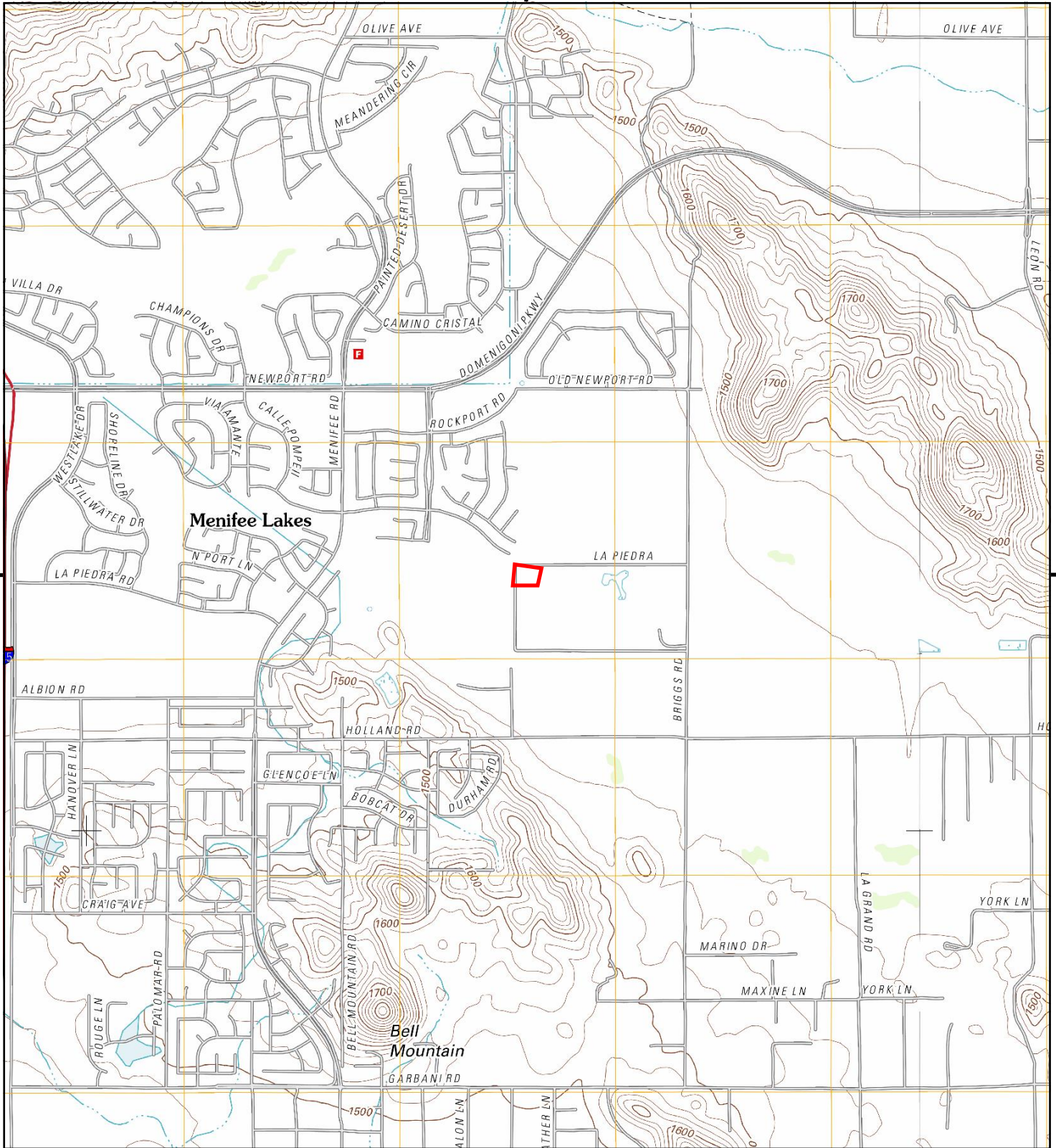


Murrieta
1942
15-minute, 62500
Aerial Photo Revised 1939

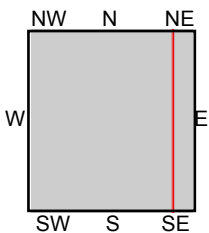
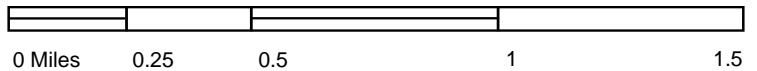
1901 Source Sheets



Elsinore
1901
30-minute, 125000



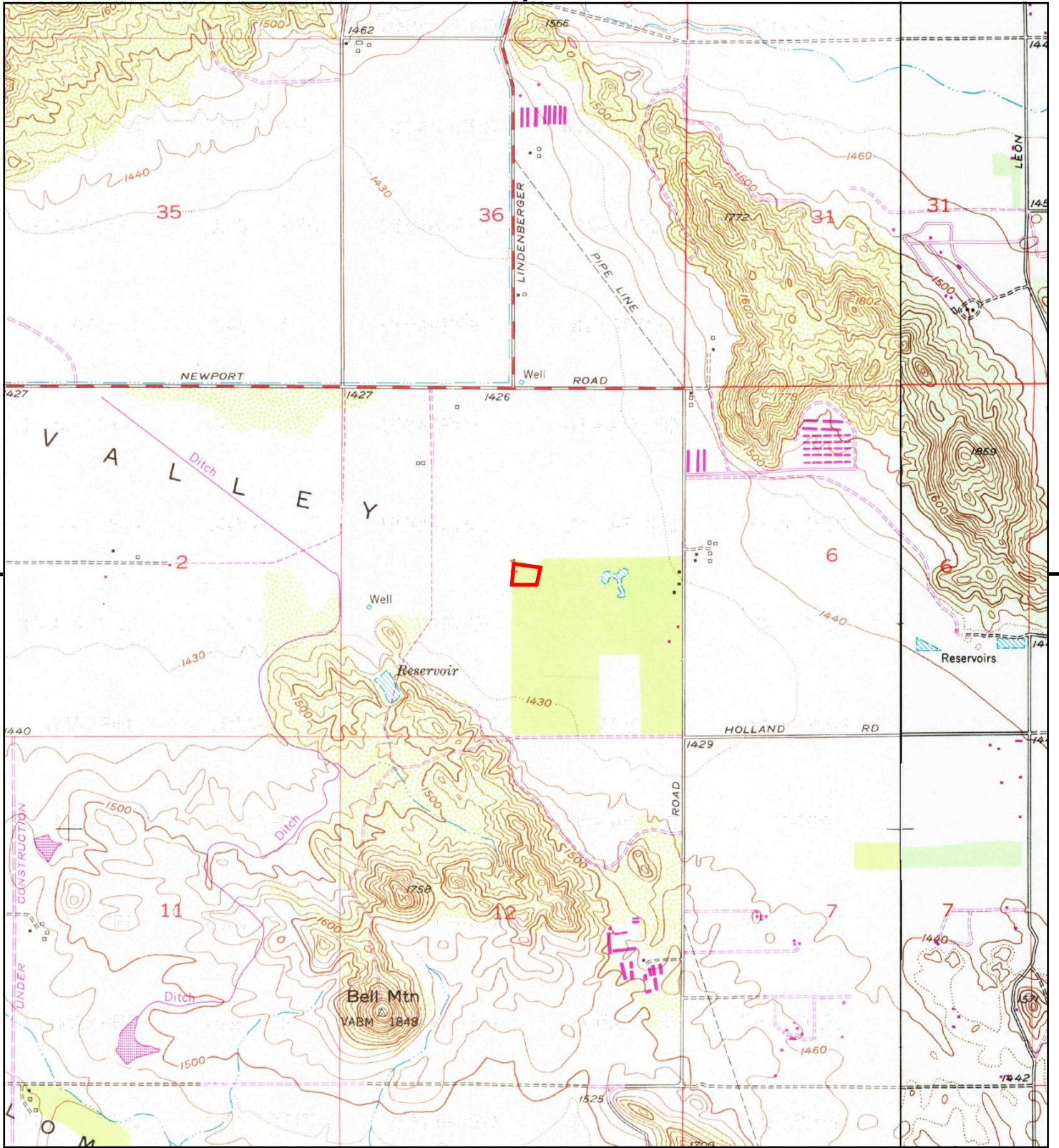
This report includes information from the following map sheet(s).



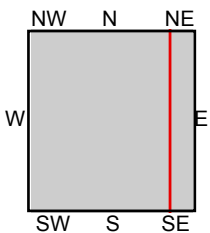
TP, Romoland, 2012, 7.5-minute
E, Winchester, 2012, 7.5-minute

SITE NAME: Sewer Lift Station
ADDRESS: Tres Lagos Dr
Menifee, CA 92584
CLIENT: RMA Geoscience





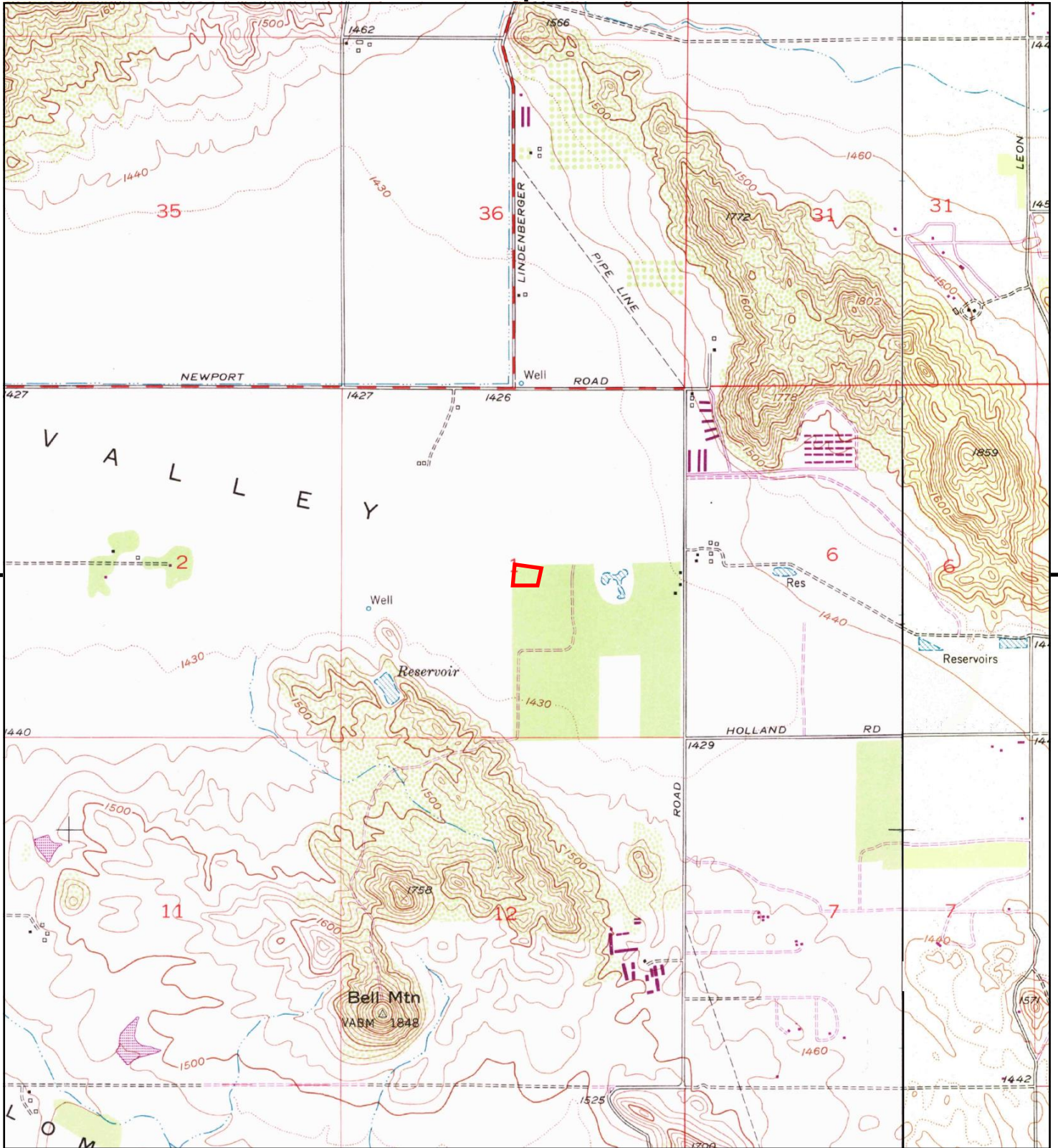
This report includes information from the following map sheet(s).



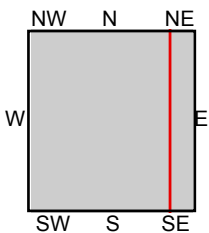
TP, Romoland, 1979, 7.5-minute
E, Winchester, 1979, 7.5-minute

SITE NAME: Sewer Lift Station
ADDRESS: Tres Lagos Dr
Menifee, CA 92584
CLIENT: RMA Geoscience





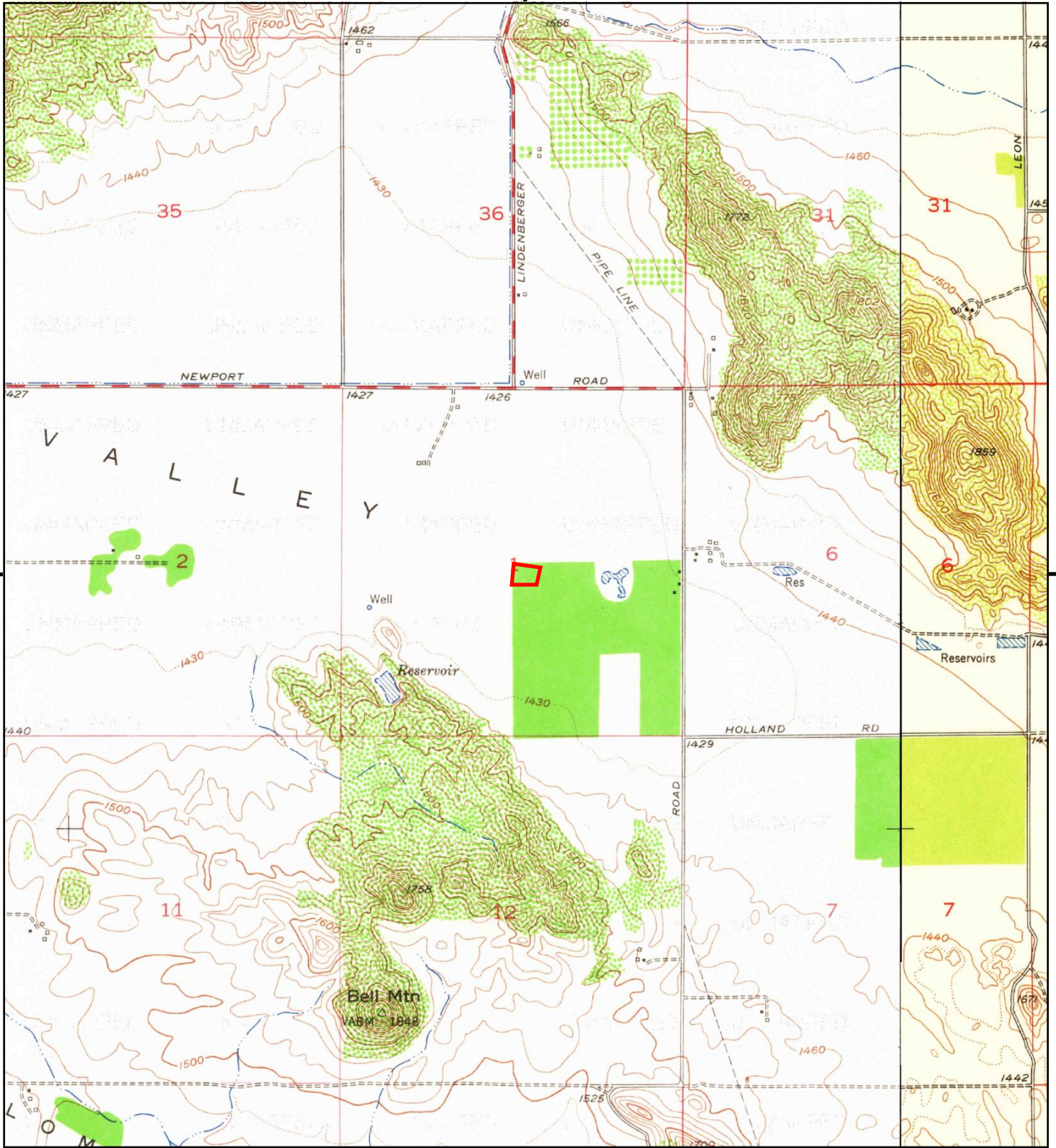
This report includes information from the following map sheet(s).



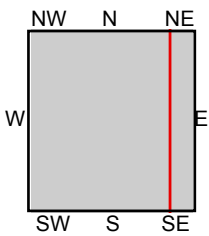
TP, Romoland, 1973, 7.5-minute
E, Winchester, 1973, 7.5-minute

SITE NAME: Sewer Lift Station
ADDRESS: Tres Lagos Dr
Menifee, CA 92584
CLIENT: RMA Geoscience





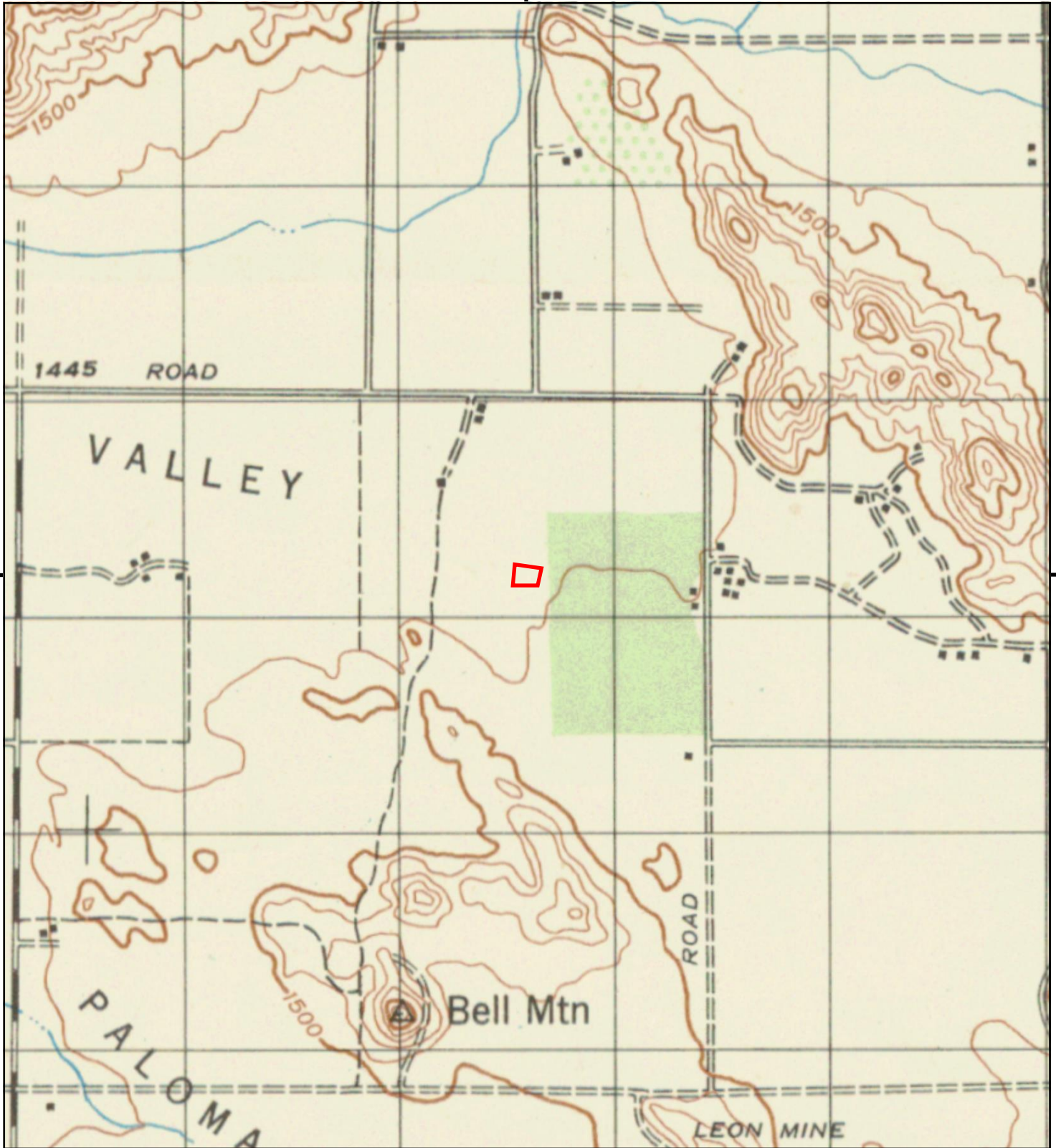
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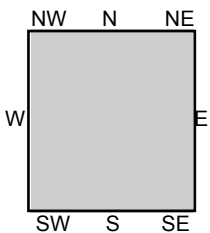
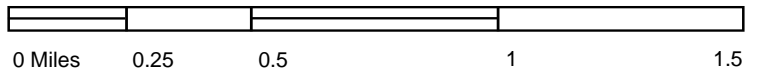
TP, Romoland, 1953, 7.5-minute
E, Winchester, 1953, 7.5-minute

SITE NAME: Sewer Lift Station
ADDRESS: Tres Lagos Dr
Menifee, CA 92584
CLIENT: RMA Geoscience





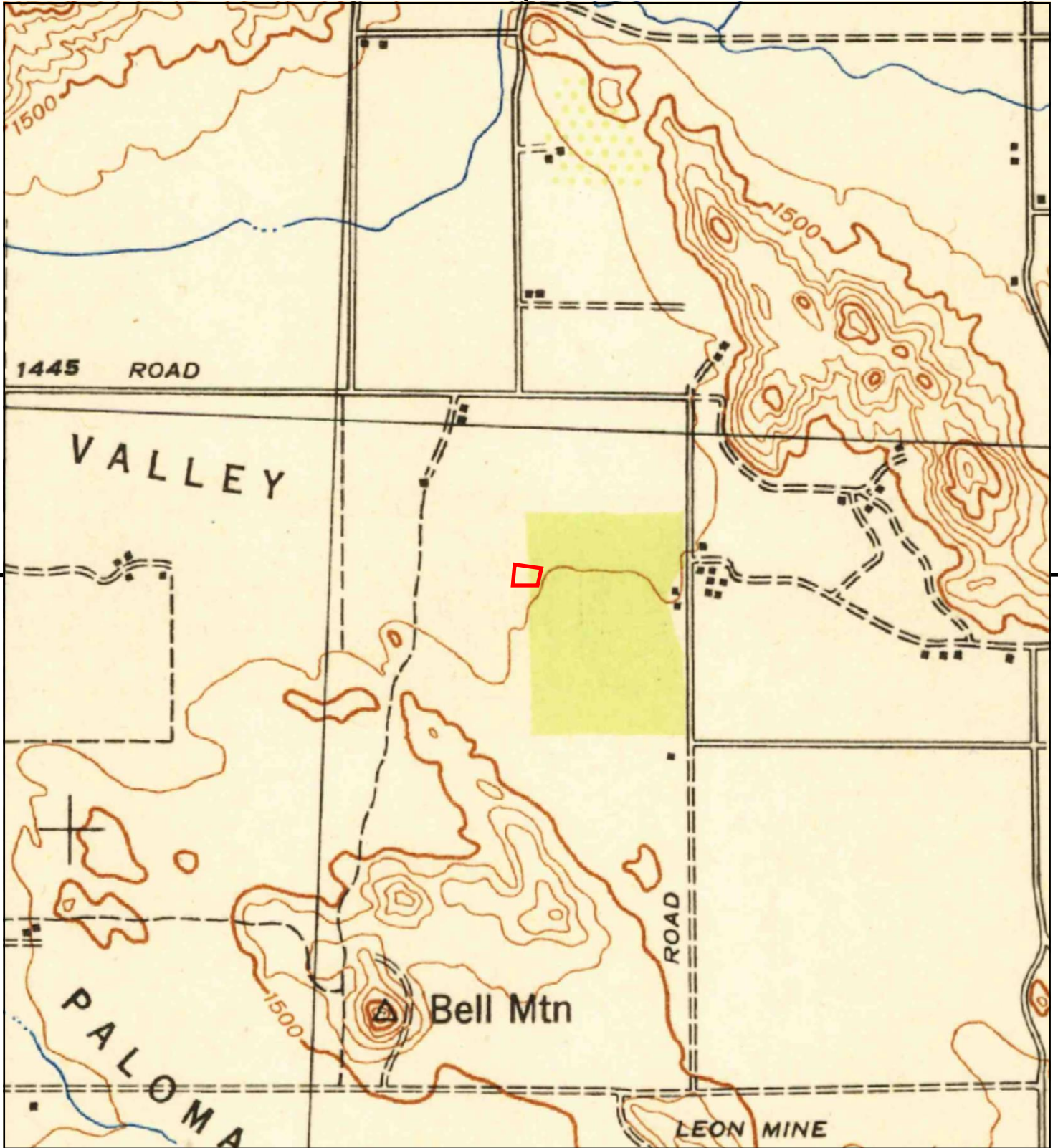
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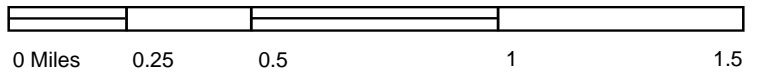
TP, MURRIETA, 1947, 15-minute

SITE NAME: Sewer Lift Station
 ADDRESS: Tres Lagos Dr
 Menifee, CA 92584
 CLIENT: RMA Geoscience





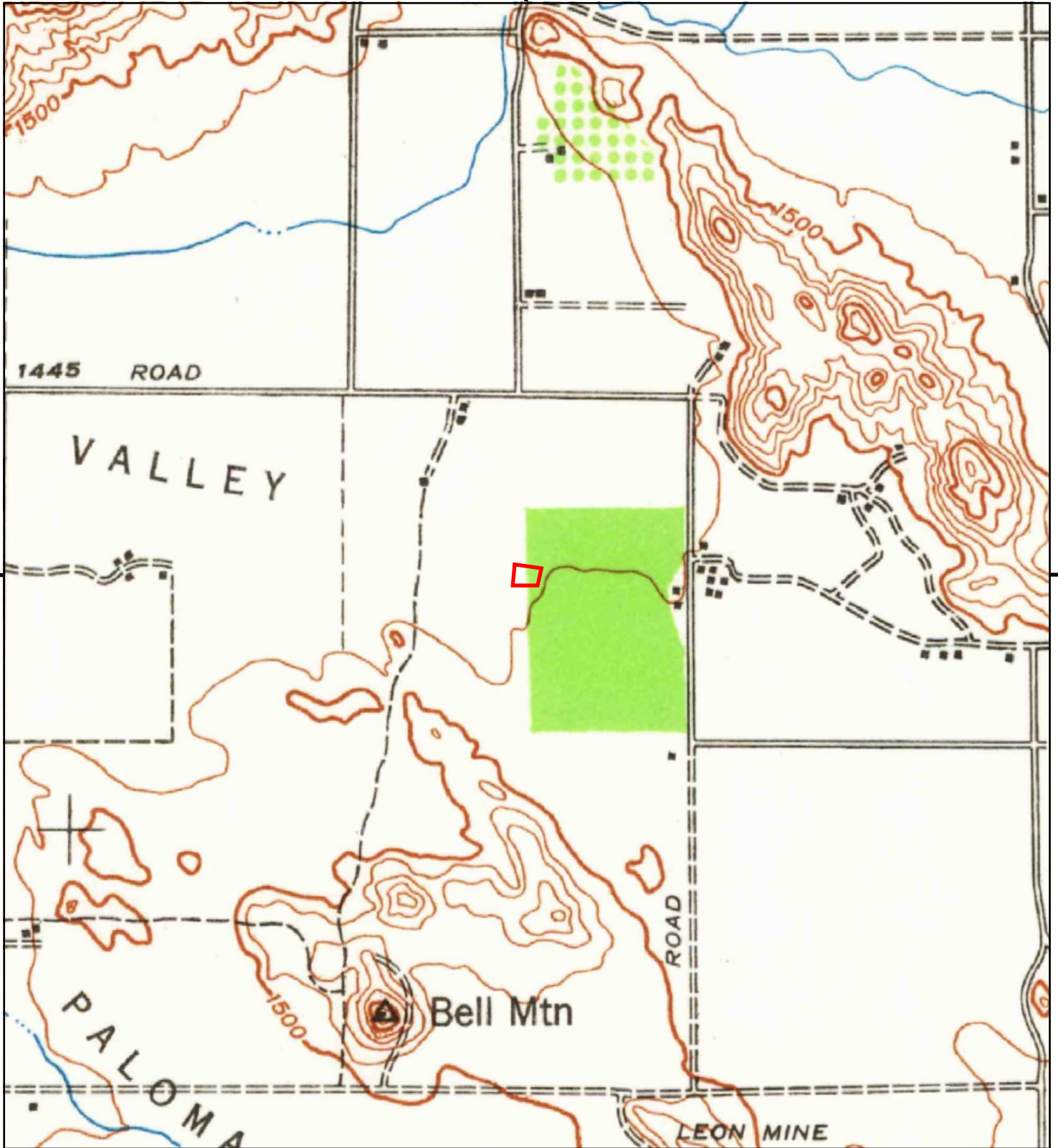
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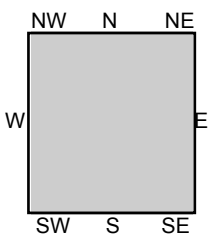
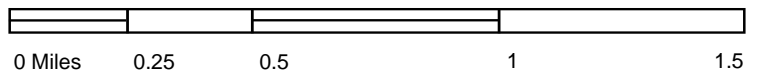
TP, Murrieta, 1943, 15-minute

SITE NAME: Sewer Lift Station
ADDRESS: Tres Lagos Dr
Menifee, CA 92584
CLIENT: RMA Geoscience





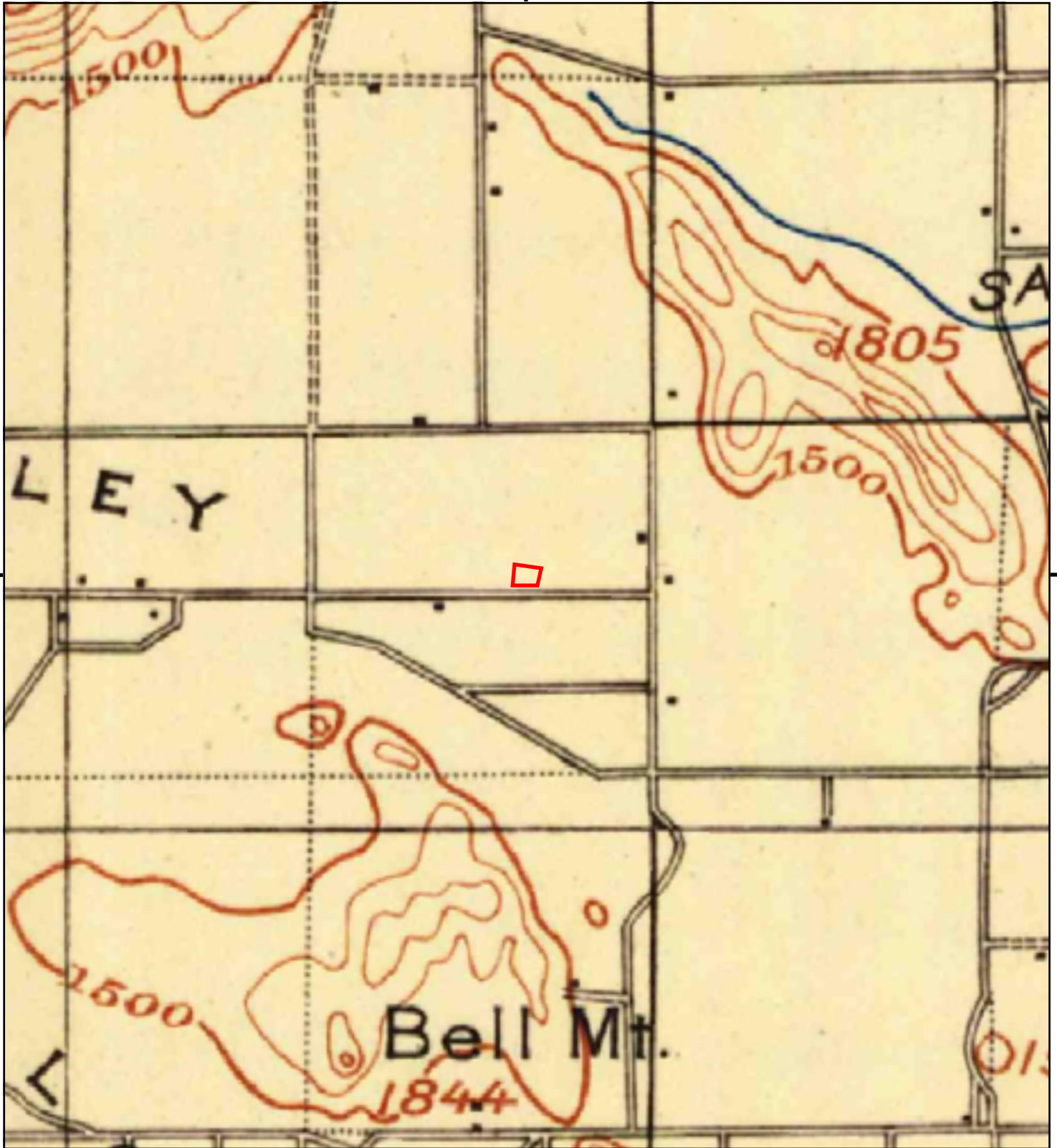
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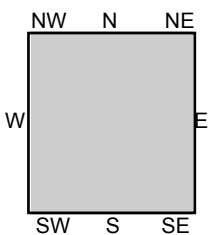
TP, Murrieta, 1942, 15-minute

SITE NAME: Sewer Lift Station
ADDRESS: Tres Lagos Dr
Menifee, CA 92584
CLIENT: RMA Geoscience





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



TP, Elsinore, 1901, 30-minute

SITE NAME: Sewer Lift Station
 ADDRESS: Tres Lagos Dr
 Menifee, CA 92584
 CLIENT: RMA Geoscience





SANBORN REPORT



Sewer Lift Station

Tres Lagos Dr

Menifee, CA 92584

Inquiry Number: 5167488.13

January 24, 2018

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/24/18

Site Name:

Sewer Lift Station
Tres Lagos Dr
Menifee, CA 92584
EDR Inquiry # 5167488.13

Client Name:

RMA Geoscience
9854 Glenoaks Blvd
Sun Valley, CA 91352
Contact: Martha Sgriccia



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Certified Sanborn Results:

Certification # 5230-407F-8625
PO # 18G-0056
Project Proposed Sewer Lift Station

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 5230-407F-8625

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- Library of Congress
- University Publications of America
- EDR Private Collection

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CITY DIRECTORY

Sewer Lift Station

Tres Lagos Dr
Menifee, CA 92584

Inquiry Number: 5167488.15
January 26, 2018

The EDR-City Directory Image Report

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City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
2005	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
2000	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1995	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1990	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1985	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1980	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1975	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Tres Lagos Dr
Menifee, CA 92584

Year

CD Image

Source

TRES LAGOS DR

2011	-	Haines Criss-Cross Directory	Street not listed in Source
2005	-	Haines Criss-Cross Directory	Street not listed in Source
2000	-	Haines Criss-Cross Directory	Street not listed in Source
1995	-	Haines Criss-Cross Directory	Street not listed in Source
1990	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

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

BRIGGS RD

2011	pg. A1	Haines Criss-Cross Directory
2005	pg. A2	Haines Criss-Cross Directory
2005	pg. A3	Haines Criss-Cross Directory
2000	pg. A4	Haines Criss-Cross Directory
1995	pg. A5	Haines Criss-Cross Directory
1990	pg. A6	Haines Criss-Cross Directory
1985	pg. A7	Haines Criss-Cross Directory
1980	pg. A8	Haines Criss-Cross Directory
1975	pg. A9	Haines Criss-Cross Directory

City Directory Images

BRIGGS RD 2011

BRIGGS RD 92584
MENIFEE

WEALTH CODE 5.2

X NEWPORT RD

30150	★ WOODCREST RANCH	951-679-1355	6
30490	○ BOERE John	951-672-1540	
	BOERE John Jr	951-926-4339	
30525	XXXX	00	
30605	★ THOUSAND TRAILS	951-672-4831	8
	★ THOUSAND TRAILS RANGER STATION	951-679-4750	8

X HOLLAND RD

X MARINO DR

31500	XXXX	00	
31585	★ BRIARCLIFF PET RESORT	951-246-7200	8
	★ BRLARCLIFF BOARDING KENNELS	951-246-7966	6

X MAXINE LN

31601	XXXX	00	
31760	CARROLL Richard	951-679-8369	+0

X LOWREY LN

31780	XXXX	00	
31784	○ RAMIREZ Maria	951-325-7863	7
31800	XXXX	00	
31820	★ MONARCH PRODUCTS	951-672-8501	
31830	♣ DENNIS Randall	00	

X GARBONI RD

32200	XXXX	00	
-------	------	----	--

BRIGGS RD 2005

BRIGGS RD 92584
MENIFEE

WEALTH CODE 0.6

X NEWPORT RD

- 30150 ★ WOODCREST RANCH 951-679-1355
- 30455 XXXX 00
- 30490 ○ BOERE John 951-672-1540 7
- BOERE John Jr 951-926-4339
- 30524 XXXX 00
- 30525 GURROLA Francisco 951-672-3281 +4
- 30560 XXXX 00
- 30580 XXXX 00
- 30605 ★ WILDERNESS LAKES 951-672-4831
- SALES
- 30723 XXXX 00

X HOLLAND RD

- 31015 ○ VANDERFEER Carol 951-679-1487 0
- VANDERFEER John 951-679-1487 0

X MARINO DR

- 31500 FOX George 951-301-0098 3

BRIGGS RD 2005

Target Street	Cross Street	Source	Page
BRIGGS RD		92584 CONT.	
31585	* BRIARCLIFF	951-679-3728	7
	EQUESTRIAN CENTER		
X	MAXINE LN		
31601	o SCHMERSAL Craig	951-672-8168	9
	o SCHMERSAL Ginger	951-672-8168	9
31760	o CARROLL Richard	951-679-8369	0
X	LOWREY LN		
31780	XXXX	00	
31800	XXXX	00	
31820	* MONARCH PRODUCTS	951-672-8501	8
31824	XXXX	00	
31830	o DENNIS Randall	00	0
X	GARBONI RD		
32200	XXXX	00	

BRIGGS RD 2000

ZIP CODE 92584 MENIFEE			
WEALTH CODE 3.1			
30150	CORRAL Jesus	909-679-1341	9
	★ WOODCREST RANCH	909-679-1355	1
30455	● ABACHERLI Frank	OO	+0
30490	● BOERE John	909-672-1540	7
	● BOERE John Jr	909-926-4339	
30524	● BOERE John	OO	+0
30525	XXXX	OO	
30560	XXXX	OO	
30580	● BOERE John	OO	+0
30605	★ WILDERNESS LAKES RANGER STA	909-679-4750	+0
	★ WILDERNESS LAKES SALES	909-672-4831	
30723	XXXX	OO	
31015	ABUNDIS Miguel	909-679-7687	8
	● DEJONG William	OO	+0
	TORRES Manuel G	909-672-9132	9
	VANDERFEER Carol	909-679-1487	+0
	VANDERFEER John	909-679-1487	+0
31500	● LIGUORI Tom	OO	+0
31585	★ BRIARCLIFF EQUESTRIAN CENTER	909-679-3728	7
	● ROBERTS Frank	OO	+0
31601	● SCHMERSAL Craig	909-672-8168	9
	● SCHMERSAL Ginger	909-672-8168	9
X MAXINE LN			
31760	● CARROLL Cynthia	909-679-8369	+0
31780	DENNIS Randy	909-672-2701	1
	● GAMBILL Sharon	OO	+0
	JOHNSTON Eric	909-672-7911	
	JOHNSTON Sherry	909-672-7911	
31800	● SCALES Richard	OO	+0
31820	★ MONARCH PRODUCTS	909-672-8501	8
	SHAVER Scot A	909-672-1087	+0
31824	XXXX	OO	
31830	● DENNIS Randall	OO	+0
32200	● WHITTAKER Jack	OO	+0

BRIGGS RD 1995

ZIP CODE 92584

MENIFEE

WEALTH CODE 3.5

30150	★WOODCREST RANCH	679-1355	1
30490	BOERE John Jr	926-4339	6
30525	NADING Ron	679-3896	+5
30560	XXXX	00	
30605	★WILDERNESS LAKE	672-4831	6
	★WILDERNESS LK RANGR	679-4750	
30723	XXXX	00	
31015 APARTMENTS		
	DEJONG Willy	679-0473	2
	DEJONG Wm	679-3525	1
	GARDUENO Jose Luis	672-2867	2
	GARDUNO Garcia J	672-7403	3
	JIMEMEZMENDOZA C	679-9432	3
	RUIZ Maria	672-3654	+5
	RUIZ Maricela V	672-7942	+5
31015		
31500	XXXX	00	
31585	BERNAL Guillermo	672-7240	2
	★BRIARCLIFF CENTER	672-7886	3
	★LOMBARDO JOS STABLE	679-4745	3
31601	XXXX	00	
31760	XXXX	00	
31780	DENNIS Randy	672-2701	1
	JOHNSTON Eric	672-7911	
	JOHNSTON Sherry	672-7911	
31800	XXXX	00	
31820	XXXX	00	
31824	XXXX	00	
31830	XXXX	00	
32545	●BRADLEY Edw	679-1539	

BRIGGS RD 1990

ZIP CODE 92355

27530	XXXX	00	
30490	BOERE Geo	672-1540	7
	BOERE John Jr	926-4339	6
30525	NADING Linda	679-0353	+0
	NADING Margret	679-3704	+0
30560	XXXX	00	
30605	★WILDERNESS LAKE	672-4831	6
	★WILDERNESS LKS REST	679-0395	7
	★WILDERNESS PARK ACI	679-4750	1
30723	DOMINGO Roger	679-1307	+0
31015	BECERRA Mario	679-2468	+0
	DEJONG Wm	679-9732	2
	GALLARDO Fernando	679-4522	9
	GALLARDO Mary Cela	679-4522	
	PEREZ Felipe Guzman	679-1231	+0
31500	★AMAPOLA FARMS	679-8795	1
31585	★BRIARCLIFF ARABIAN	679-2588	7
	BUESGEN Dorothy	679-1001	
	BUESGEN Wm	679-1001	
31601	XXXX	00	
31760	CARROLL Richard	679-8369	7
31780	DAVIS Arnold F	679-5765	
31800	SCALES Denny	679-2237	
31820	XXXX	00	
31824	XXXX	00	
31830	PITTMAN John R	679-5109	+0
32545	BRADLEY Edw C	679-1539	4
32600	XXXX	00	

BRIGGS RD 1985

27530	COEVAS SIXTO T	926-
30150	ALGER CRAIG	679-5421
	ALGER CRAIG D	926-2033 4
	LOWREY JUDD	679-3431 6
30490	BOERE JOHN JR	672-1540 +5
30525	LAPLANTE EARL	679-2684 +5
	NADING HAROLD	679-9602 2
30560	XXXX	00
30605	EDDIES RESTAURANT	672-2324 +5
	WILDERNESS PARK ACI	679-4750 1
30723	XXXX	00
31015	DEJONG WM	679-9732 2
31500	AMAPOLA DEL VISTA F	679-8795 1
31585	BUESGEN WM	679-1001 3
	YOZAMP DWAYNE	679-8065 +5
31601	XXXX	00
31760	XXXX	00
31780	DAVIS ARNOLD F	679-5765 7
31800	SCALES DENNY	679-2237 9
31820	XXXX	00
31824	XXXX	00
31830	NADING RON	672-1481 4
32709	XXXX	00
32715	DAVIDSON BASIL	672-1442 4 1
33041	EUSEBIO JOSE	926-3181 +5 5
33055	MADRID BERNIE	926-3844 7 1
33150	PERRY WM	679-0114 4 1
33180	CHAVEZ ALBINO	679-2085 4 1
33780	MCELHINNEY DOROTHY	926-1634
33985	MORLOK ROBT	926-3288 4 1
34090	HOOPES JAS W	926-1635 1 1

BRIGGS RD 1980

Target Street	Cross Street	Source
4 30150	LOWREY JUDD	679-3431 6
30524	XXXX	00
30560★	WILDERNESS LAKE	679-4750 6
6 30723	MCCLELLAN CAROLINE	679-4624 +0
31500	BARNETTE ALLEN	679-5288
31601	KIMM JOHN	679-2586
31760	THURMAN LYNDA	679-1609 6
D 31780	THURMAN MARTIN SR	679-1609 6
7 31780	DAVIS ARNOLD F	679-5765 7
31800	SCALES DENNY	679-2237 9
31820	PITTMAN JOHN R	679-3184 7
31824	XXXX	00
31830	HILLARD DENNIS	679-2269 +0
32715	DAVIDSON BASIL	926-1478 +0
33041	ARTELL ANNA L	926-3998 +0
	HARTMAN ALFRED A	926-2400 +0

BRIGGS RD 1975

30150	LOWREY JUDD	679-5152+5
30560	GABRIELSON JAS	679-4750+5
31500	BARNETTE ALLEN	679-5288
31601	KIMM JOHN	679-2586
31760	XXXX	CO
31780	BELZONE A A	679-5720+5
31800	BRASSY PHILLIP	679-5625+5
31824	PITTMAN JOHN R	679-3184+5
34221*	WARM SPRINGS RANCH	926-2360
35755	ENDRES FRANK L	926-1062+5



USER QUESTIONNAIRE



USER QUESTIONNAIRE
ASTM E 1527-13

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? _____

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)

As the user of the ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? _____

(4) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? _____

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.29)

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a) Do you know the past uses of the property? _____

(b) Do you know of specific chemicals that are present or once were present at the property?

(c) Do you know of spills or other chemical releases that have taken place at the property?



(d) Do you know of any environmental cleanups that have taken place at the property?

(5) The degree of obviousness of the presence or likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

As the user of the ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?_____

Completed by: _____

Date: _____

Acronyms and Definitions

AUL Activity and Use Limitations

CFR Code of Federal Regulations

ESA Environmental Site Assessment

Engineering Controls

Physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation.

Institutional Controls

A legal or administrative restriction (for example, “deed restrictions” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with effectiveness of a response action, in order to ensure maintenance of a conditions of no significant risk to public health or the environment. An institutional control is a type of activity and use limitation.

User

The part seeking to use Practice E 1527-13 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of the property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of the practice as outlined in Section 6.



SCAQMD DOCUMENTS

SCAQMD Facility Equipment List Report

Facility: 159766 M.H.C. NAC, INC.	Status: Active	MR: 1204	SIC: 7033	Team: X
Last Inspection: 02/07/2013	On Hold: N	Suspended: N	TS: TS-53 Toxics: POTW, Public Owned Treatment	Quarter: 0010 - inspect in 3rd quarter, every year
Contact: LAURA CHOI (303) 6641688	RECLAIM: N	TITLE V: N	AIRS ID:	Assignment: 1361968
Location Address: 30605 BRIGGS RD, MENIFEE 92584	Sector:EO	Inspector: BS02 BRENDA SEEWALD		
Mailing Address: P.O. BOX 8000, MONSEY 10952	Inspection Date: 02/07/2013			
Instruction:	Disposition: Operating in Compliance at time of inspection			

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category	BCAT/CCAT Description	Application Date	Application Status
498525	G3199	05/29/2009	ACTIVE	020000	BCAT CHARBROILER - NATURAL GAS	05/08/2009	PERMIT TO OPERATE GRANTED
498544				022500	BCAT SEWAGE TREATMENT (<=5 MMG/D)	05/08/2009	APPLICATION CANCELLED, REFUND ALL FEES
501395	G5145	12/03/2009	INACTIVE	022500	BCAT SEWAGE TREATMENT (<=5 MMG/D)	05/08/2009	PERMIT TO OPERATE GRANTED
510283	G10498	10/26/2010	ACTIVE	022500	BCAT SEWAGE TREATMENT (<=5 MMG/D)	04/28/2010	PERMIT TO OPERATE GRANTED

SCAQMD Facility Equipment List Report

Facility: 159766 M.H.C. NAC, INC.	Status: Active	MR: 1204	SIC: 7033	Team: X
Last Inspection: 02/07/2013	On Hold: N	Suspended: N	TS: TS-53 Toxics: POTW, Public Owned Treatment	Quarter: 0010 - inspect in 3rd quarter, every year
Contact: LAURA CHOI (303) 6641688	RECLAIM: N	TITLE V: N	AIRS ID:	Assignment: 1361968
Location Address: 30605 BRIGGS RD, MENIFEE 92584	Sector:EO	Inspector: BS02 BRENDA SEEWALD		
Mailing Address: P.O. BOX 8000, MONSEY 10952	Inspection Date: 02/07/2013			
Instruction:	Disposition: Operating in Compliance at time of inspection			

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category	BCAT/CCAT Description	Application Date	Application Status
-----------------	------------	-------------------	---------------	--------------------	-----------------------	------------------	--------------------

REPORT: 2/7/13

I arrived in the area of Wilderness Lakes Campground (30605 Briggs Rd., Menifee) at 0920 hours. I conducted surveillance in the area for over 30 minutes. The District has received several complaints of odors, allegedly emanating from the Wilderness Lakes RV Park.

The SCAQMD received complaints from residents in the Tierra Shoregated community, which is located north of the RV park. Directly between the complainants and the RV park is a large dairy (ID # 145030 John Boere Dairy, located at 30490 Briggs Rd.). To the east of the dairy is a chicken ranch (ID # 144951 Norco Ranch Inc., 30150 Briggs Rd.-unable to determine if this is an active facility anymore) I did not detect any sewage odors near the entrance to the Tierra Shores community. See assignment # 1361953 for details of odor surveillance

945 hours

I arrived at the Wilderness Lakes RV Park. I was met by Jose Gonzales, maintenance supervisor. I also later spoke with Dave Lyons, manager of the campground (951-679-0863). Mr. Gonzales escorted me to the sewage treatment facility, on the north part of the campground. There, we met with Daniel Long, who was onsite conducting maintenance checks at the treatment facility.

The wastewater treatment plant has a contact compartment, reaeration compartment, clarifier, two sludge drying beds, 5 evaporation percolation ponds, and two rotary blowers. The permit also lists a sand filter which is not in use. One percolation pond is full and a second percolation pond began filling in 2 weeks ago.

The aeration runs on a 45 minute on and 15 minute off cycle. During part of my inspection, the aeration was off and that would be a time when odors could be present, but there were no odors.

The plant also has five lift stations, located throughout the RV park. I inspected each of the lift station and found them to be in compliance and no odors found throughout the park.

This facility processes approximately 14,000 gallons/day, though the permit allows up to 100,000 gpd.

This facility was found to be in compliance.

Inspector: _____ Date: _____ Reviewed By: _____ Date: _____

SCAQMD Facility Equipment List Report

Facility: 159766 M.H.C. NAC, INC.	Status: Active	MR: 1204	SIC: 7033	Team: X
Last Inspection: 02/07/2013	On Hold: N	Suspended: N	TS: TS-53 Toxics: POTW, Public Owned Treatment	Quarter: 0010 - inspect in 3rd quarter, every year
Contact: LAURA CHOI (303) 6641688	RECLAIM: N	TITLE V: N	AIRS ID:	Assignment: 1160332
Location Address: 30605 BRIGGS RD, MENIFEE 92584	Sector:EO	Inspector: BS02 BRENDA SEEWALD		
Mailing Address: P.O. BOX 8000, MONSEY 10952	Inspection Date: 03/17/2010			
Instruction:	Disposition: Inspection in progress, Disposition pending			

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category	BCAT/CCAT Description	Application Date	Application Status
-----------------	------------	-------------------	---------------	--------------------	-----------------------	------------------	--------------------

REPORT: 3/17/2010

I arrived in the area of Wilderness Lakes Campground (30605 Briggs Rd., Menifee) at 830 hours. I conducted surveillance in the area for over an hour. The District received a referral from Robert Holub of the Santa Ana Regional Water Quality Control Board. They have received complaints of odors, allegedly emanating from the Wilderness Lakes RV Park. The SCAQMD received an odor complaint, from the same complainant, on 2/9/10. This complaint was assigned to Kiersten Melville and the disposition was given as WEAK. The complainant gave an unknown location, on Tierra Shore Lane (his street). The complaint description was: "SULFURIC TYPE ODOR UNSURE WHERE IT'S COMING FROM, CAUSING RESPERTORY [sic] PROBLEMS, HAPPENS INTERMITTENTLY AROUND 3 TIMES PER DAY." The complainant is located north of the RV park. Directly between the complainant and the RV park is a large dairy (ID # 145030 John Boere Dairy, located at 30490 Briggs Rd.). To the east of the dairy is a chicken ranch (ID # 144951 Norco Ranch Inc., 30150 Briggs Rd.) I did not detect any sewage odors near the complainant's street. I drove along Old Newport Road, which is parallel to the complainant's street. I could detect dairy odors.

955 hours

I arrived at the Wilderness Lakes RV Park. I was later joined by supervisor Richard Tambara and Sr. AQ Engineer, Amir Dejbakhsh. We were met by Dave Lyons, manager of the campground (951-679-0863). He escorted us to the sewage treatment facility, on the north part of the campground.

The wastewater treatment plant has a contact compartment, reaeration compartment, clarifier, two sludge drying beds, 5 evaporation percolation ponds, and two rotary blowers. The permit lists an inlet bar screen and an aerobic digester, which Mr. Lyon stated they did not have. Wes Fromlath, Operations Specialist, with Water Quality Specialists of San Diego, Inc., joined us during the inspection. He was able to explain some of the system processes/equipment and confirmed that there has not been an aerobic digester at this facility.

No records of inspections at this facility could be found.

This facility will need to obtain a permit to operate with correct equipment description.

Inspector: _____ Date: _____ Reviewed By: _____ Date: _____

SCAQMD Facility Equipment List Report

Facility: 20212 A. C. I. PARTS	Status: Out of Business	MR: 1204	SIC: 70	Team:
Last Inspection: 07/29/1983	On Hold:	Suspended:	TS:	Quarter: none - do not inspect
Contact:	RECLAIM: N	TITLE V: N	AIRS ID:	Assignment:
Location Address: 30605 BRIGGS RD, ROMOLAND				Inspector:
Mailing Address: P O BOX 1888, BELLEVUE 98009-1888				Inspection Date:
Instruction:				Disposition:

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category	BCAT/CCAT Description	Application Date	Application Status
02080E	E04483	02/13/1981	INACTIVE	815950 BCAT	TEST EQUIPMENT	01/01/1900	PERMIT TO OPERATE GRANTED

SCAQMD Facility Equipment List Report

Facility: 45470	NACO LP/WILDERNESS LAKES	Status: Sold	MR: 1204	SIC: 7033	Team:
Last Inspection:	On Hold: N	Suspended: N	TS: TS-53 Toxics: POTW, Public Owned Treatment		
Contact:	RECLAIM: N	TITLE V: N	AIRS ID:	Quarter: 0010 - inspect in 3rd quarter, every year	
Location Address: 30605 BRIGGS RD, MENIFEE 92584 Sector:EO			Assignment:		
Mailing Address: 3801 PARKWOOD BLVD-PO BOX 2529, FRISCO 75034			Inspector:		
Instruction:			Inspection Date:		
			Disposition:		

Application No.	Permit No.	Permit Issue Date	Permit Status	Equipment Category	BCAT/CCAT Description	Application Date	Application Status
126193				294957 BCAT	WASTE WATER TREATING (>50000 GAL/DAY)	08/27/1984	APPLICATION CANCELLED, KEEP FILING FEES
132342	D30304	08/21/1990	INACTIVE	022500 BCAT	SEWAGE TREATMENT (<=5 MMG/D)	04/29/1985	PERMIT TO OPERATE GRANTED
242464	D53349	05/18/1992	INACTIVE	020000 BCAT	CHARBROILER - NATURAL GAS	12/24/1990	PERMIT TO OPERATE GRANTED
362704	F29089	05/03/2000	INACTIVE	020000 BCAT	CHARBROILER - NATURAL GAS	12/24/1990	PERMIT TO OPERATE GRANTED



PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership. If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

**Legal Owner
or Operator:**

NACO WEST/WILDERNESS LAKES
30605 BRIGGS RD
SUN CITY, CA 92355-9594
ATTN: DAVE LYONS

ID 045470

Equipment Location: 30605 BRIGGS RD, SUN CITY, CA 92355-9594

Equipment Description:

CHARBROILER, FIRE MAGIC, MODEL NO. 3100, 2'-1" W. X 1'-6" D. X 1'-0" H., 42,000 BTU PER HOUR, WITH EIGHT LPG BURNERS.

Conditions:

1. THIS EQUIPMENT SHALL BE FIRED WITH LPG ONLY.
2. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
3. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
4. THE AVERAGE AMOUNT OF MEAT PRODUCTS COOKED ON THIS EQUIPMENT SHALL NOT EXCEED 50 POUNDS PER DAY IN ANY MONTH (COMPUTED AS POUNDS PER CALENDAR MONTH DIVIDED BY 30 DAYS.)
5. THE MAXIMUM AMOUNT OF MEAT PRODUCTS COOKED ON THIS EQUIPMENT SHALL NOT EXCEED 125 POUNDS IN ANY ONE DAY.
6. AN OPERATING RECORD OF THIS EQUIPMENT SHALL BE MAINTAINED IN A WRITTEN FORMAT APPROVED BY THE COMPLIANCE DIRECTOR OF SCAQMD. THIS RECORD SHALL CONTAIN, AT LEAST BUT NOT LIMITED TO, THE OPERATING INFORMATION BELOW:
 - A. DATE
 - B. DAILY OPERATING HOURS
 - C. DAILY AMOUNT OF MEAT COOKED (OR A CASHIER'S RECEIPT WHICH SHOWS THE QUANTITY OF CHARBROILED PRODUCT SOLD EACH DAY)
 - D. DAILY AVERAGE OF MEAT COOKED AT THE END OF EACH CALENDAR MONTH

THE OPERATING RECORD SHALL BE KEPT FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.

FILE COPY



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 East Copley Drive, Diamond Bar, CA 91765

PERMIT TO OPERATE

Permit No.
D53349
A/N 242464
Page 2

CONTINUATION OF PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

Dorris M. Bailey

By Dorris M. Bailey/hf
5/19/1992

FILE COPY

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

February 02, 2018

MARTHA SGRICCIA
RMA GEOSCIENCE
9854 GLENOAKS BLVD.
SUN VALLEY, CA 91352

Ref.: CONTROL NO. 93433
Received 1/30/2018

Re: P/O'S, EQL'S, NOV'S, N/C'S, COMPLAINTS, I/R'S, EMISSIONS SUM, & HRA'S FOR WILDERNESS LAKES RV RESORT, 30605 BRIGGS RD, MENIFEE, CA.

After a thorough search of this agency's records, the following records were found:
P/O'S, EQL'S & I/R'S FOR WILDERNESS LAKES RV RESORT, 30605 BRIGGS RD,
MENIFEE, CA.

The following records were not found:
NOV'S, N/C'S, COMPLAINTS, EMISSIONS SUM, & HRA'S FOR WILDERNESS LAKES
RV RESORT, 30605 BRIGGS RD, MENIFEE, CA.

YOUR REQUESTED RECORDS WERE PROVIDED ELECTRONICALLY ON 02/02/2018

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m. to 4:30 p.m.**

Sincerely,

LISA RAMOS x3211
For COLLEEN PAINE
Public Records Coordinator

:lr



South Coast Air Quality Management District
 P. O. Box 4944
 Diamond Bar, CA 91765
 (909) 396-2000

**APPLICATION FOR RULE 222
 FORM 222-C
 COMMERCIAL CHARBROILERS & ASSOCIATED
 CONTROLS**

Section I - Administrative Information

LEGAL NAME OF OPERATOR/OWNER: MHC NAC, Inc. 2 N. Riverside Plaza Ste. 800

BUSINESS MAILING ADDRESS: Street City State Zip Code
Chicago, IL 60606 Attn: Laura Choi

FACILITY (RESTAURANT) NAME: Wilderness Lakes Kitchen E-MAIL ADDRESS _____

EQUIPMENT LOCATION ADDRESS: 30605 Briggs Rd. Menifee, CA 92584

Street City State Zip Code

Section II - Technical Information

CHARBROILERS:

UNDERFIRED:

MFR Magic Chef MODEL unknown FUEL Natural Gas

MFR _____ MODEL _____ FUEL _____

CHAIN-DRIVEN WITH CONTROL:

MFR _____ MODEL _____ FUEL _____

CHAIN-DRIVEN WITHOUT CONTROL:

MFR _____ MODEL _____ FUEL _____

CONTROL TYPE:

CATALYST SCRUBBER ESP OTHER (SPECIFY)

MFR _____ MODEL _____

Pounds Of Meat Cooked Per Week = 2 lbs.

Filing Fee: \$163.71 Per Location (Effective 7/1/08 - 6/30/09)

FOR SCAQMD
 USE

**RULE 222 FILING
 PROCESSED**

JUN 03 2008

Handwritten initials

New ID # 15976
OLD ID
~~45110~~
 FACILITY I.D.

APPLICATION

NO. 498525 *Handwritten initials*

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.
 SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM: _____ DATE SIGNED: 4/29/09

TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM: Laura Choi TITLE OF RESPONSIBLE OFFICIAL OF FIRM: permit license Agent RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER: (312) 279-1688

AQMD USE ONLY CHECK/MONEY ORDER # 902132 AMOUNT \$163.71 L VALIDATION 5-8-09 *Handwritten initials*

(80859)

32

09 MAY-8 P1:43

S.C.A.O.M.D.
ENGINEERING



South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 · www.aqmd.gov

DATE: 01-02-08

EQUIPMENT LOCATED AT: 30605 BRIGGS RD
MENIFEE, CA 92584

LEGAL OWNER CO. ID: 45470
OR OPERATOR NACO LP/WILDERNESS LAKES
NAPO LP 3801 PARKWOOD BLVD, STE 100 P.O. BOX 2529
FRISCO, TX 75034

RULE 222 FILING

FILING APPL NBR	EQUIPMENT DESCRIPTION	FACILITY RENEWAL DATE
BILLING YEAR : 362704	2007 CHARBROILER - NATURAL GAS	02-01-09

F29089

inact. 5/28/09



SOUTH COAST AQMD
PO BOX 4943
DIAMOND BAR CA 91765-0943

Vendor ID / Location
0000072768 - 001

Reference Number
902132

Remittance Advice For:

Invoice Number	Invoice Date	Invoice Gross Amount	Invoice Discount	Invoice Withholding	Net Amount USD
APP	04/28/2009	163.71	ZERO	ZERO	163.71

Invoice Totals	163.71	ZERO	ZERO	163.71
Payment Totals				



PERMIT to OPERATE

E 04483

COLTON OFFICE - 22850 Cooley Drive, Colton, California 92324

Operation under this permit must be conducted in compliance with all information included with the initial application and the initial permit conditions. The equipment must be properly maintained and kept in good operating condition at all times. In accordance with Rule 206, this Permit to Operate or copy must be posted on or within 8 meters of equipment.

now ACE Parks

INACTIVE
3/84 E/L
CUT OF BUSINESS

LEGAL OWNER OR OPERATOR: Yosemite Campers Park, Inc.

Appl. No. 02080E

EQUIPMENT LOCATED AT: 30605 Briggs Road, Romoland, California

EQUIPMENT DESCRIPTION AND CONDITIONS:

Wastewater Treatment Plant, Consisting of: Package Sewage Treatment Plant, Norweco, Model No. CR-200, 20,000 GPD with Four Aeration Chambers, Total Capacity 20,000 Gallons; 5,528 Gallon Clarifier Chamber; Airlift Sludge Return Pump; Airlift Surface Skimmer; Two 3 HP Aeration Air Blowers.
Total - 25,528 Gallons.

FILE COPY

This initial permit must be renewed by February 13, 1982 or an earlier date if equipment is moved, altered, or changes ownership. If billing for annual renewal fee (Rule 301.f) not received by expiration date, contact Zone office above.

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules of the Air Quality Management District. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other government agencies.

EXECUTIVE OFFICER

BY *J. F. Moore*
DATE February 13, 1981

SCAQMD 008 345000a 8135

VOID UNLESS VALIDATED



PERMIT TO OPERATE

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

Permit No.
D30304
A/N 132342
Page 1

This initial permit must be renewed by 02/01 ANNUALLY unless the equipment is moved, or changes ownership. If the billing for annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

**Legal Owner
Or Operator:**

NACO WEST OF CALIFORNIA
30605 BRIGGS ROAD
ROMOLAND, CALIFORNIA 92380
ATTN: JIM HOOD

ID 45470

Equipment

located at: SAME AS ABOVE.

Equipment Description:

AEROBIC WASTE-WATER TREATMENT PLANT, DAVCO MODEL 0100CDLA, WITH A MAXIMUM DESIGN CAPACITY OF 100,000 GALLONS PER DAY CONSISTING OF:

1. CONTACT COMPARTMENT, 12' DIAMETER, 12,500 GALLONS CAPACITY.
2. REAERATION COMPARTMENT, 12' DIAMETER, 25,000 GALLON CAPACITY.
3. SECONDARY CLARIFIER, 20' DIAMETER.
4. AEROBIC DIGESTER, 12' DIAMETER.
5. DUAL SAND FILTER.
6. FIVE (5) EVAPORATION-PERCOLATION PONDS.
7. DUPLEX ROTARY BLOWERS, 7.5 H.P.
8. INLET BAR SCREEN.
9. PUMP STATION WITH TWO PACO 412-11 PUMPS EACH 10 H.P.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

FILE COPY



PERMIT TO OPERATE

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

Permit No.
D30304
A/N 132342
Page 2

CONTINUATION OF PERMIT TO OPERATE

3. THE EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
4. THE PLANT SHALL BE OPERATED IN A MANNER TO MINIMIZE ODOR PROBLEMS.

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY MUST BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

By Raquel Puerta/ps
August 21, 1990

FILE COPY



PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.
If the billing for the annual renewal fee (Rule 301.f) is not received by the expiration date, contact the District.

Legal Owner
or Operator:

M.H.C. NAC, INC.
2 N RIVERSIDE PLZ, STE 800
CHICAGO, IL 60606

ID 159766

Equipment Location: 30605 BRIGGS RD, MENIFEE, CA 92584

Equipment Description :

AEROBIC WASTE WATER TREATMENT PLANT, DAVCO MODEL 0100CDLA, WITH A MAXIMUM DESIGN CAPACITY OF 100,000 GALLONS PER DAY CONSISTING OF:

1. CONTACT COMPARTMENT, 12'-0" DIAMETER, 25,000 GALLONS CAPACITY.
2. REAERATION COMPARTMENT, 12'-0" DIAMETER, 25,000 GALLONS CAPACITY.
3. SECONDARY CLARIFIER, 20'-0" DIAMETER.
4. DUAL SAND FILTER.
5. FIVE (5) EVAPORATION-PERCOLATION PONDS, 1 SLUDGE POND.
6. DUPLEX ROTARY BLOWERS, 7.5 H.P.
7. FIVE (5) LIFT STATIONS.

Conditions :

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. THE EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION.
4. THE PLANT SHALL BE OPERATED IN A MANNER TO MINIMIZE ODOR PROBLEMS.

FILE COPY



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

Page 2
Permit No.
G10498
A/N 510283

PERMIT TO OPERATE

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR COPY SHALL BE POSTED ON OR WITHIN 8 METERS OF THE EQUIPMENT.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

A handwritten signature in cursive script that reads "Dorris M. Bailey".

By Dorris M. Bailey/AK07

10/26/2010

FILE COPY



PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved or changes ownership
If the billing for the annual renewal fee (Rule 301 f) is not received by the expiration date contact the District

Legal Owner
or Operator

M H C NAC INC
2 N RIVERSIDE PLZ STE 800
CHICAGO IL 60606

ID 159766

Equipment Location 30605 BRIGGS RD MENIFEE CA 92584

Equipment Description

AEROBIC WASTE WATER TREATMENT PLANT DAVCO MODEL 0100CDLA WITH A MAXIMUM DESIGN CAPACITY OF 100 000 GALLONS PER DAY CONSISTING OF

- 1 CONTACT COMPARTMENT 12 DIAMETER, 12 500 GALLONS CAPACITY
- 2 REAERATION COMPARTMENT 12 DIAMETER, 25 000 GALLON CAPACITY
- 3 SECONDARY CLARIFIER, 20 DIAMETER
- 4 AEROBIC DIGESTER 12 DIAMETER
- 5 DUAL SAND FILTER & 6 FIVE (5) EVAPORATION PERCOLATION PONDS
- 7 DUPLEX ROTARY BLOWERS 7 5 H P
- 8 INLET BAR SCREEN
- 9 PUMP STATION WITH TWO PACO 412 11 PUMPS EACH 10 H P

Conditions

- 1 OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW
- 2 THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES
- 3 THE EQUIPMENT SHALL BE OPERATED BY PERSONNEL PROPERLY TRAINED IN ITS OPERATION
- 4 THE PLANT SHALL BE OPERATED IN A MANNER TO MINIMIZE ODOR PROBLEMS

FILE COPY



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive Diamond Bar CA 91765

Page 2
Permit No
G5145
A/N 501395

PERMIT TO OPERATE

NOTICE

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EXECUTIVE OFFICER

A handwritten signature in black ink that reads "Dorris M Bailey".

By Dorris M Bailey/LK04

12/3/2009

FILE COPY



SANTA ANA REGIONAL WATER QUALITY CONTROL FILE SUMMARY

California Regional Water Quality Control Board

DATE	SUMMARY
4/6/1988	ALL PROCESS UNITS IN OPERATION. FLOW METER NOT OPERATING.
9/23/1988	THE PLANT WAS RECOVERING FROM UPSET
1/5/1994	BACK-WASH WATER DISCHARGED TO DRYING BED. STAFF SHUT OFF THIS DISCHARGE. NO OTHER VIOLATION WAS OBSERVED.
8/10/1995	THE OPERATION AND MAINTENANCE ARE GOOD. NO ODOR AND OTHER VIOLATIONS WERE OBSERVED.
2/23/1999	UNIT PROCESSES APPEARED TO BE OVERLOADED AND DISCHARGING INADEQUATELY TREATED WASTEWATER TO POND
12/7/2000	PLANT IS IN COMPLIANCE WITH WDR'S. CORROSION OF PLANT STRUCTURES & EQUIPMENT NOTED.
9/20/2001	Site in compliance. Just put in new diffusers.
9/30/2001	BOD Mo. Avg. = 45 mg/l versus mo. avg. limit of 30 mg/l
2/28/2003	BOD=42 mg/l versus limit of 30
3/31/2003	BOD monthly avg. = 55 mg/l, 1.83 times limit of 30
3/31/2003	TSS monthly avg. = 54 mg/l, 1.83 times limit of 30
4/9/2003	Called them about high BOD. Plant was down briefly due to a broken pump. Problem has been fixed. Discussed reason for BOD/TSS violations. The clarifier was down for repair, and it took several days to get the mixture right again. By the last week of the month, both
4/23/2003	TSS and BOD were below permit limits.
4/30/2003	TDS water supply plus 250 = 818 vs. limit of 770 mg/l
5/31/2003	TDS water supply plus 250 = 805 mg/l versus limit of 740 (1.09 X limit)
6/30/2003	12 mo avg TDS (797) exceeds source water 12 mo avg TDS + 250 (764).
7/2/2003	Called them to talk about TDS exceedances (source water plus 250) for last couple months and chloride exceedance.
7/31/2003	TSS was 33 mg/l 1.1 times 30 limit OEV
8/20/2003	Touched base on 12 mo. effluent TDS (797) exceedance of 12 mo. source water TDS + 250 (764). Possible reasons and solutions.
9/3/2003	Discussed elevated TSS.
7/1/2005	Failed to submit report by 06/30/2005 Foul odors were generated in scum collection box and waste sludge pond mainly. Site operator instructed to correct the operation of the plant, as soon as possible,
3/26/2008	that had led to the odor complaint from the public.
4/2/2008	The accumulation of solids in the scum box has been cleared, but some solids remain. Waste sludge pond was still a source of odors.
6/11/2008	Held meeting at the wastewater treatment plant site to verify compliance and decide next step.
7/23/2008	Followed-up on odor related complaint by Tierra Shores resident, Terry Freidman. Facility was inspected and could not find a source of odor within the facility. Followed-up on odor related complaint from Tierra Shores residents, Terry Freidman. Resident alleged that odor was coming from the Wilderness Lakes sewage treatment plant. Although, during the inspection no significant source of odor was noted. an accumulation of solids was noted in the former chlorine contact tank
12/18/2008	(effluent), which had a slight foul odor. Rain storm had passed thru area the night before. Followed-up on odor-related complaint from the residents of Tierra Shores. Mr. Terry Freidman had previously submitted more than fifteen signatures from households in the Tierra Shores housing tract. During the inspection it was noted that significant foul odor was emanating from several sources. Also, the plant lacked redundancy in a
2/5/2009	key component. Site staff indicated that the clarifier had experienced mechanical problems and had been repaired. Returned to inspect sewage treatment plant and verify that odor and operational problems had been solved by plant staff. Foul sewage-type odor was still prevalent and several sources were evident. The effluent being discharged to the ponds appear to be primary quality at best. The review of analytical results, submitted by the
2/10/2009	discharger, from effluent samples collected showed a BOD concentration of 300 mg/l. This result may indicate an plant upset. Inspected facility and held a meeting with staff from new owner of site to discuss the noncompliant status of the sewage treatment plant and plan of action. The stand-by blower equipment had not been repaired as initially represented and the clarifier had not been repaired as well. An enforcement email message was sent with a request
2/18/2009	for corrective action plan and schedule.
4/8/2009	No unpleasant odors of sewage origin were noted offsite of the facility and plant operations appeared normal. No violations were noted.
7/8/2009	Inspection conducted by Julio Lara and Jawed Shami to gather information before permit renewal. No violations noted during the inspection.
11/16/2009	No foul odors were noted offsite of the facility. Minor sewage odor on top of aeration tank, by influent sewage inlet to tank. Followup inspection regarding the ongoing sewage odor complaints by residents at Tierra Shores. No sewage odors from the Wilderness Lake treatment plant were noted
12/22/2009	outside the fenced area. Some sewage odors noted near the top of the aeration tanks. Inspected the treatment plant in response to ongoing sewage odor complaints from the Tierra Shores neighborhood. Plant aerators running and no sewage odors noted
1/11/2010	except right next to the aeration tanks. Inspected the treatment plant with Don Allison, Public Work Director with the City of Menifee. Discussed with Wes Fromlath, Plant Operator, the need for an updated O&M Plan and how they would meet the permit requirements in the event of the loss of electrical power. No sewage odors noted outside the fence area of the treatment
1/13/2010	plant and disposal ponds. Followup inspection regarding the ongoing sewage odor complaints from the Tierra Shores neighborhood. Complainants say the odor occurs daily in the late afternoon.
1/28/2010	Drove around the neighborhood, and inspected the treatment plant. No sewage odors noted. Inspected the sewage treatment plant and met to discuss the draft O&M Manual. No sewage odors noted and the plant was operating as designed. They have revised
2/23/2010	the O&M Plan to reflect current operations, as I had previously requested. Followup on ongoing sewage odor complaints from the Tierra Shores neighborhood. Only smelled sewage right next to the aeration tank and the sludge wasting
3/22/2010	discharge to the pond. No sewage odor noted 10 feet away from these two spots, and no sewage smelled outside the fenced area.
5/6/2013	The discharge averages 33 mg/L TIN, while the limit is 3.7 mg/L. Sent several emails asking for corrective action. Discharger is continuing efforts to meet the TIN limit. The interim limit is 25 mg/L and the final limit is 3.7 mg/L. The discharge is in the teens and they are trying a new
1/22/2014	spray irrigation system.



COPIES OF COUNTY OF RIVERSIDE DEPARTMENT
OF ENVIRONMENTAL HEALTH RECORDS

II CB

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

WW 1/9/13

PRO040756

Page 1 of 1

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)									29940	1	EPA ID # (Hazardous Waste Only)	2	
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As):													
MHC MAC ^{MO} MULDERNIERS LAKES													
BUSINESS SITE ADDRESS													
30005 BRIGGS ROAD													
BUSINESS SITE CITY													
MENIFEE													
										104	CA	ZIP CODE	105
72584													

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If YES, please complete these pages of the UPCF....		
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	4	BUSINESS OWNER/OPERATOR IDENTIFICATION HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4a	Coordinate with your local Agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	5	UST FACILITY UST TANK (one per tank)
D. ABOVE GROUND PETROLEUM STORAGE Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	8	NO FORM REQUIRED TO CUPAs May require SPCC plan.
E. HAZARDOUS WASTE Generate hazardous waste? Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)? Treat hazardous waste on site? Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)? Consolidate hazardous waste generated at a remote site? Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite? Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste? Household Hazardous Waste (HHW) Collection site?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	9	EPA ID NUMBER - provide at the top of this page
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10	RECYCLABLE MATERIALS REPORT (one per recycler)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	11	ONSITE HAZARDOUS WASTE TREATMENT - FACILITY ONSITE HAZARDOUS WASTE TREATMENT - UNIT (one page per unit)
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	12	CERTIFICATION OF FINANCIAL ASSURANCE
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14a	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	14b	See CUPA for required forms.	
F. LOCAL REQUIREMENTS: Note: If you have answered "NO" to question "A" listed above, complete and submit the Statement of Exemption page.			15

ENTERED
10 31 13

**UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS OWNER/OPERATOR IDENTIFICATION**

Page of

I. IDENTIFICATION

FACILITY ID#		1	BEGINNING DATE	100	ENDING DATE	101
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)	3			BUSINESS PHONE	102	
MATEL NAC WILDERNESS LAKE			(951) 672-4831			
BUSINESS SITE ADDRESS	103			BUSINESS FAX	102a	
30605 BRIGGS ROAD			(951) 679-0576			
BUSINESS SITE CITY	104	CA	ZIP CODE	105	COUNTY	108
MENIFEE			92584		RIVERSIDE	
DUN & BRADSTREET	106		PRIMARY SIC	107	PRIMARY NAICS	107a
1782433711			807			
BUSINESS MAILING ADDRESS	108 a					
30605 BRIGGS ROAD						
BUSINESS MAILING CITY	108 b	STATE	108 c	ZIP CODE	108 d	
MENIFEE		CA		92584		
BUSINESS OPERATOR NAME	109		BUSINESS OPERATOR PHONE	110		
DAVE LYONS		(951) 672-4831				

II. BUSINESS OWNER

OWNER NAME	111		OWNER PHONE	112		
MATEL NAC		(312) 279-1400				
OWNER MAILING ADDRESS	113					
2 NORTH RIVERSIDE PLAZA						
OWNER MAILING CITY	114	STATE	115	ZIP CODE	116	
CHALMERS		ILL		60606		

III. ENVIRONMENTAL CONTACT

CONTACT NAME	117		CONTACT PHONE	118		
DAVE LYONS		(951) 672-4831				
CONTACT MAILING ADDRESS	119		CONTACT EMAIL	119a		
30605 BRIGGS ROAD		WLMETR@1000TRAILS.COM				
CONTACT MAILING CITY	120	STATE	121	ZIP CODE	122	
MENIFEE		CA		92584		

-PRIMARY-


IV. EMERGENCY CONTACTS

-SECONDARY-

NAME	123	NAME	128
DAVE LYONS		MIKE BRUEGGEMAN JEFF BETHMAN <i>dy 11/13</i>	
TITLE	124	TITLE	129
MANAGER		ASSISTANT MANAGER	
BUSINESS PHONE	125	BUSINESS PHONE	130
(951) 672-4831		(951) 672-4831	
24-HOUR PHONE	126	24-HOUR PHONE	131
PAGER #	127	PAGER #	132

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	134	NAME OF DOCUMENT PREPARER	135
<i>Original signed</i> 	11/13		BRIAN BETTINGE	
NAME OF SIGNER (print)	136	TITLE OF SIGNER	137	
DAVID J. LYONS		Regional Manager		

**UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS
HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION**

(one page per material per building or area)

ADD

DELETE

REVISE *(NEW FORM)*

200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3

MHC NAC WILDERNESS LAKES

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL 202

EPCRA

YES NO

FACILITY ID #

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205

OXYGEN

TRADE SECRET

Yes No 206

If Subject to EPCRA, refer to Instructions

COMMON NAME 207

OXYGEN

EHS* 208

Yes No

CAS# 209

NONE

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211

a. PURE b. MIXTURE c. WASTE

RADIOACTIVE Yes No 212

CURIES 213

PHYSICAL STATE (Check one item only) 214

a. SOLID b. LIQUID c. GAS

LARGEST CONTAINER

220 ft³

FED HAZARD CATEGORIES (Check all that apply) 215

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217

200 CUBIC FEET

MAXIMUM DAILY AMOUNT 218

220 CUBIC FEET

ANNUAL WASTE AMOUNT 219

0

STATE WASTE CODE 220

-

UNITS* (Check one item only) 221

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

* If EHS, amount must be in pounds.

DAYS ON SITE: 222

765

STORAGE CONTAINER

a. ABOVE GROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 226		<input type="checkbox"/> Yes <input type="checkbox"/> No 228	<i>NONE</i> 229
2 230		<input type="checkbox"/> Yes <input type="checkbox"/> No 232	233
3 234		<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
4 238		<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
5 242		<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

NFPA HAZARD IDENTIFICATION: HEALTH *4* FLAMMABILITY *4* REACTIVITY *4* SPECIAL HAZARD *1/4* 246

HAZARD CLASS OR DIVISION # *OXIDIZER*

UN# *1072*

If EPCRA, Please Sign Here

COMPRESSED GAS

UNIFIED PROGRAM CONSOLIDATED FORM HAZARDOUS MATERIALS HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION

(one page per material per building or area)

 ADD

 DELETE

 REVISE *NEW FORM*

200

 Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

MHC NAC WILDERNESS LAKE

3

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL

202

EPCRA

 YES NO

FACILITY ID #

MAP# (optional)

GRID# (optional)

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

ACETYLENE

205

TRADE SECRET

 Yes No

206

If Subject to EPCRA, refer to instructions

COMMON NAME

ACETYLENE

207

EHS*

 Yes No

208

CAS#

000-074-862

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA)

210

HAZARDOUS MATERIAL TYPE (Check one item only)

 a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

 Yes No

CURIES

213

PHYSICAL STATE (Check one item only)

 a. SOLID b. LIQUID c. GAS

214

 LARGEST CONTAINER *310 CUBIC FEET*

215

FED HAZARD CATEGORIES (Check all that apply)

 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

217

250 CUBIC FEET

MAXIMUM DAILY AMOUNT

218

310 CUBIC FEET

ANNUAL WASTE AMOUNT

219

0

STATE WASTE CODE

220

UNITS*

 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE:

365

222

STORAGE CONTAINER

 a. ABOVE GROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

 1 *100%*
ACETYLENE

227

 Yes No

228

000-074-862

229

2 230

231

 Yes No

232

233

3 234

235

 Yes No

236

237

4 238

239

 Yes No

240

241

5 242

243

 Yes No

244

245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

 NFPA HAZARD IDENTIFICATION: HEALTH 2 FLAMMABILITY 4 REACTIVITY 0 SPECIAL HAZARD 246

 HAZARD CLASS OR DIVISION # _____
 If EPCRA, Please Sign Here

 UN# 1201

**UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS
HAZARDOUS MATERIALS INVENTORY - CHEMICAL DESCRIPTION**

(one page per material per building or area)

ADD

DELETE

REVISE *(NEW FORM)*

200

Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)

MHC NAC WILDERNESS LAKES

3

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL

202

EPCRA

YES NO

FACILITY ID #

MAP# (optional)

GRID# (optional)

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

ENGINE OIL (WASTE OIL)

205

TRADE SECRET

Yes No

206

If Subject to EPCRA, refer to Instructions

COMMON NAME

WASTE OIL

207

EHS*

Yes No

208

CAS#

209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA)

210

HAZARDOUS MATERIAL TYPE (Check one item only)

a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE Yes No

CURIES

213

PHYSICAL STATE (Check one item only)

a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER *55 GALLONS*

215

FED HAZARD CATEGORIES (Check all that apply)

a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

217

MAXIMUM DAILY AMOUNT

218

ANNUAL WASTE AMOUNT

STATE WASTE CODE

220

30 GALLONS

55 GALLONS

200 GALLONS

UNITS*

(Check one item only)

a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

221

DAYS ON SITE:

222

STORAGE CONTAINER

a. ABOVE GROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 70-95%	<i>HIGHLY REFINED MINERAL OIL</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>MIXTURE</i>
2 1-5%	<i>ZINC ALKYL DITHIOPHOSPHATE</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<i>62449-44-3</i>
3		<input type="checkbox"/> Yes <input type="checkbox"/> No	
4		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5		<input type="checkbox"/> Yes <input type="checkbox"/> No	

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

NFPA HAZARD IDENTIFICATION: HEALTH 2 FLAMMABILITY 3 REACTIVITY 2 SPECIAL HAZARD 2

HAZARD CLASS OR DIVISION # FLAMMABLE LIQUID UN# _____

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM HAZARDOUS MATERIALS HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

 ADD

 DELETE

 REVISE (NEW FORM)

200

 Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)

3

MHC NAC WILDERNESS LAKES

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL

202

EPCRA

 YES NO

FACILITY ID #

MAP# (optional)

203

GRID# (optional)

204

II. CHEMICAL INFORMATION

CHEMICAL NAME

205

TRADE SECRET

 Yes No

206

If Subject to EPCRA, refer to instructions

COMMON NAME

207

EHS*

 Yes No

208

CAS#

209

*If EHS is "Yes", all amounts below must be in lbs.

74-98-6

FIRE CODE HAZARD CLASSES (Complete if required by CUPA)

210

HAZARDOUS MATERIAL TYPE (Check one item only)

 a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

 Yes No

212

CURIES

213

PHYSICAL STATE (Check one item only)

 a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

1000 GALLONS

215

FED HAZARD CATEGORIES (Check all that apply)

 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

217

MAXIMUM DAILY AMOUNT

218

ANNUAL WASTE AMOUNT

219

STATE WASTE CODE

220

2100 GALLONS

2760 GALLONS

0

-

UNITS*

(Check one item only)

 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

* If EHS, amount must be in pounds.

221

DAYS ON SITE:

222

365

STORAGE CONTAINER

 a. ABOVE GROUND TANK b. UNDERGROUND TANK c. TANK INSIDE BUILDING d. STEEL DRUM e. PLASTIC/NONMETALLIC DRUM f. CAN g. CARBOY h. SILO i. FIBER DRUM j. BAG k. BOX l. CYLINDER m. GLASS BOTTLE n. PLASTIC BOTTLE o. TOTE BIN p. TANK WAGON q. RAIL CAR r. OTHER

223

STORAGE PRESSURE

 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1 0-6% ²²⁶	ETHANE ²²⁷	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ²²⁸	74-84-0 ²²⁹
2 87-97% ²³⁰	PROPANE ²³¹	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ²³²	74-98-6 ²³³
3 0-5% ²³⁴	PROPYLENE ²³⁵	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ²³⁶	115-07-1 ²³⁷
4 0-2.5% ²³⁸	BUTANE ²³⁹	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ²⁴⁰	106-97-8 ²⁴¹
5 ²⁴²	²⁴³	<input type="checkbox"/> Yes <input type="checkbox"/> No ²⁴⁴	²⁴⁵

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

 NFPA HAZARD IDENTIFICATION: HEALTH 1 FLAMMABILITY 4 REACTIVITY 0 SPECIAL HAZARD 246

 HAZARD CLASS OR DIVISION # FLAMMABLE GAS UN# 1075

If EPCRA, Please Sign Here

UNIFIED PROGRAM CONSOLIDATED FORM HAZARDOUS MATERIALS HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

 ADD

 DELETE

 REVISE (NEW FORM)

200

 Page 1 of 1

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As)

MHC NAC WILDERNESS LAKES

3

CHEMICAL LOCATION

201

CHEMICAL LOCATION CONFIDENTIAL

202

EPCRA

 YES NO

FACILITY ID #

MAP# (optional)

GRID# (optional)

II. CHEMICAL INFORMATION

CHEMICAL NAME

205

ISOCYANURIC ACID, CYANURIC ACID

TRADE SECRET

 Yes No

206

If Subject to EPCRA, refer to instructions

COMMON NAME

207

SUN(R) FAST DISSOLVING CONDITIONER

EHS*

 Yes No

208

CAS#

209

108-80-5

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA)

210

HAZARDOUS MATERIAL TYPE (Check one item only)

 a. PURE b. MIXTURE c. WASTE

211

RADIOACTIVE

 Yes No

212

CURIES

213

PHYSICAL STATE (Check one item only)

 a. SOLID b. LIQUID c. GAS

214

LARGEST CONTAINER

215

FED HAZARD CATEGORIES (Check all that apply)

 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

216

AVERAGE DAILY AMOUNT

217

MAXIMUM DAILY AMOUNT

218

ANNUAL WASTE AMOUNT

STATE WASTE CODE

220

60 POUNDS
100 POUNDS
0

UNITS*

 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS

(Check one item only)

* If EHS, amount must be in pounds.

DAYS ON SITE:

365

222

STORAGE CONTAINER

 a. ABOVE GROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

223

STORAGE PRESSURE

 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

224

STORAGE TEMPERATURE

 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

190-99%
CYANURIC ACID

227

 Yes No

228

108-80-5

229

2 0-1%
SULFURIC ACID

231

 Yes No

232

7664-93-9

233

3 0-0.5%
AMMELINE

235

 Yes No

236

645-93-2

237

4 0-0.5%
AMMELINE

239

 Yes No

240

645-92-1

241

5

242

243

 Yes No

244

245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

 NFPA HAZARD IDENTIFICATION: HEALTH 2 FLAMMABILITY REACTIVITY SPECIAL HAZARD 246

 HAZARD CLASS OR DIVISION # IRRITANT

 UN# 2670

If EPCRA, Please Sign Here

**UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS
HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION**

(one page per material per building or area)
Page 1 of 1

ADD DELETE REVISE *NEW FORM* 200

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
MHC NAC WILDERNESS LAKES

CHEMICAL LOCATION 201 CHEMICAL LOCATION CONFIDENTIAL 202
 YES NO

FACILITY ID # 1 MAP# (optional) 203 GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 TRADE SECRET Yes No 206
TRICHLOROISOCYANURIC ACID, TCCA, TRICHLOR
If Subject to EPCRA, refer to instructions

COMMON NAME 207 EHS* Yes No 208
SUN (R) LARGE TABLETS - DRY CHLORINE

CAS# 209 *If EHS is "Yes", all amounts below must be in lbs.
87-96-1

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211 RADIOACTIVE Yes No 212 CURIES 213
 a. PURE b. MIXTURE c. WASTE

PHYSICAL STATE (Check one item only) 214 LARGEST CONTAINER *70 POUNDS* 215
 a. SOLID b. LIQUID c. GAS

FED HAZARD CATEGORIES (Check all that apply) 216
 a. FIRE b. REACTIVE c. PRESSURE RELEASE d. ACUTE HEALTH e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217 MAXIMUM DAILY AMOUNT 218 ANNUAL WASTE AMOUNT 219 STATE WASTE CODE 220
35 POUNDS *70 POUNDS* *∅*

UNITS* (Check one item only) 221 DAYS ON SITE: 222
 a. GALLONS b. CUBIC FEET c. POUNDS d. TONS
* If EHS, amount must be in pounds.

STORAGE CONTAINER 223
 a. ABOVE GROUND TANK e. PLASTIC/NONMETALLIC DRUM i. FIBER DRUM m. GLASS BOTTLE q. RAIL CAR
 b. UNDERGROUND TANK f. CAN j. BAG n. PLASTIC BOTTLE r. OTHER
 c. TANK INSIDE BUILDING g. CARBOY k. BOX o. TOTE BIN
 d. STEEL DRUM h. SILO l. CYLINDER p. TANK WAGON

STORAGE PRESSURE 224
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT

STORAGE TEMPERATURE 225
 a. AMBIENT b. ABOVE AMBIENT c. BELOW AMBIENT d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
<i>146-1067</i> ²²⁶	<i>TRICHLORO-S-TRIAZINETRIONE</i> 227	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 228	<i>87-90-1</i> 229
<i>20-49</i> ²³⁰	<i>DICHLOROISOCYANURIC ACID</i> 231	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 232	<i>2782-57-2</i> 233
<i>3</i> ²³⁴	235	<input type="checkbox"/> Yes <input type="checkbox"/> No 236	237
<i>4</i> ²³⁸	239	<input type="checkbox"/> Yes <input type="checkbox"/> No 240	241
<i>5</i> ²⁴²	243	<input type="checkbox"/> Yes <input type="checkbox"/> No 244	245

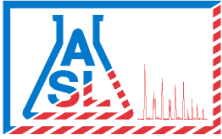
If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

NFPA HAZARD IDENTIFICATION: HEALTH 3 FLAMMABILITY 0 REACTIVITY 0 SPECIAL HAZARD 0 246

HAZARD CLASS OR DIVISION # OXIDIZER UN# 1017
If EPCRA, Please Sign Here



LABORATORY TESTING RESULTS



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

21 February 2018
Martha Sgriccia
RMA Geoscience
9854 Glenoaks Blvd.
Sun Valley, CA 91352

Work Order #: 1802112

Project Name: Canterwood

Project ID: 174-0307-04

Site Address: Tract 31008

Enclosed are the results of analyses for samples received by the laboratory on February 14, 2018. If you have any questions concerning this report, please feel free to contact us.

Wendy Lu
Laboratory Supervisor

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

- 1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
- 2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.



Job# 1802112

ASL Sample Receipt Form

Client: RMA Geoscience

Date: 2-14-18

Sample Information:

Temperature: 5.7 °C

Blank Sample

Custody Seal:

Yes No Not Available

Received Within Holding Time:

Yes, No

Container:

Proper Containers and Sufficient Volume:

Yes, No

Soil: 4oz 8oz Sleeve VOA

Water: 500AG 1AG 125PB 250PB 500PB VOA Other _____

Air: Tedlar®

Sample Containers Intact:

Yes No

Trip Blank

Yes No

Chain-of-Custody (COC):

Received:

Yes No

Samplers Name:

Yes No

Container Labels match COC:

Yes No

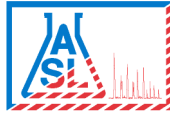
COC documents received complete:

Yes No

Proper Preservation Noted:

Yes No

Completed By: Janet Chin



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

RMA Geoscience
9854 Glenoaks Blvd.
Sun Valley CA, 91352

Project: Canterwood
Project Number: 174-0307-04
Project Manager: Martha Sgriccia

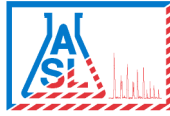
Work Order No: 1802112
Reported:
02/21/2018 12:07

ANALYTICAL SUMMARY REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1	1802112-01	Solid	02/13/2018 09:50	02/14/2018 16:58
S2	1802112-02	Solid	02/13/2018 10:00	02/14/2018 16:58

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Wendy Lu, Laboratory Supervisor



RMA Geoscience
9854 Glenoaks Blvd.
Sun Valley CA, 91352

Project: Canterwood
Project Number: 174-0307-04
Project Manager: Martha Sgriccia

Work Order No: 1802112
Reported:
02/21/2018 12:07

Analytical Results

Client Sample ID: S1

Laboratory Sample ID: 1802112-01 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID: BB80459		Prepared: 02/16/2018 09:30			
Aldrin	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
4,4'-DDE	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	02/16/2018 11:59	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			79.3 %		43-169	3545	02/16/2018 11:59	AY	8081A

Analytical Results

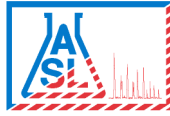
Client Sample ID: S2

Laboratory Sample ID: 1802112-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides				Batch ID: BB80459		Prepared: 02/16/2018 09:30			
Aldrin	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
4,4'-DDE	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A

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Wendy Lu, Laboratory Supervisor



RMA Geoscience
9854 Glenoaks Blvd.
Sun Valley CA, 91352

Project: Canterwood
Project Number: 174-0307-04
Project Manager: Martha Sgriccia

Work Order No: 1802112
Reported:
02/21/2018 12:07

Analytical Results

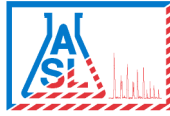
Client Sample ID: S2

Laboratory Sample ID: 1802112-02 (Solid)

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
Organochlorine Pesticides			Batch ID: BB80459		Prepared: 02/16/2018 09:30				
Dieldrin	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	02/16/2018 12:16	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			<i>86.7 %</i>		<i>43-169</i>	3545	02/16/2018 12:16	AY	<i>8081A</i>

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Wendy Lu, Laboratory Supervisor



RMA Geoscience
 9854 Glenoaks Blvd.
 Sun Valley CA, 91352

Project: Canterwood
 Project Number: 174-0307-04
 Project Manager: Martha Sgriccia

Work Order No: 1802112
Reported:
 02/21/2018 12:07

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB80459 - 3545 - 8081A

Blank (BB80459-BLK1)

Prepared & Analyzed: 02/16/201

Aldrin	ND	2.00	ug/kg							
alpha-BHC	ND	2.00	"							
beta-BHC	ND	2.00	"							
gamma-Chlordane	ND	2.00	"							
alpha-Chlordane	ND	2.00	"							
4,4'-DDD	ND	4.00	"							
4,4'-DDE	ND	4.00	"							
4,4'-DDT	ND	4.00	"							
delta-BHC	ND	2.00	"							
Dieldrin	ND	4.00	"							
Endosulfan I	ND	2.00	"							
Endosulfan II	ND	4.00	"							
Endosulfan sulfate	ND	4.00	"							
Endrin	ND	4.00	"							
Endrin aldehyde	ND	4.00	"							
Endrin ketone	ND	4.00	"							
gamma-BHC, Lindane	ND	2.00	"							
Heptachlor	ND	2.00	"							
Heptachlor Epoxide	ND	2.00	"							
Methoxychlor	ND	4.00	"							
Toxaphene	ND	170	"							
Chlordane (tech)	ND	100	"							

Surrogate: Decachlorobiphenyl 18.7 " 16.7 112 43-169

LCS (BB80459-BS1)

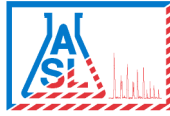
Prepared & Analyzed: 02/16/201

Aldrin	16.0	2.00	ug/kg	16.7		96.0	42-122			
4,4'-DDT	17.1	4.00	"	16.7		102	25-160			
Dieldrin	17.7	4.00	"	16.7		106	36-146			
Endrin	19.2	4.00	"	16.7		115	30-147			
gamma-BHC, Lindane	16.4	2.00	"	16.7		98.3	32-127			
Heptachlor	15.1	2.00	"	16.7		90.8	34-111			

Surrogate: Decachlorobiphenyl 20.9 " 16.7 126 43-169

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Wendy Lu, Laboratory Supervisor



RMA Geoscience
9854 Glenoaks Blvd.
Sun Valley CA, 91352

Project: Canterwood
Project Number: 174-0307-04
Project Manager: Martha Sgriccia

Work Order No: 1802112
Reported:
02/21/2018 12:07

Organochlorine Pesticides - Quality Control Report

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch BB80459 - 3545 - 8081A

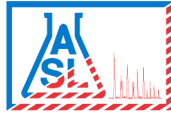
LCS Dup (BB80459-BSD1)

Prepared & Analyzed: 02/16/201

Aldrin	17.6	2.00	ug/kg	16.7		105	42-122	9.29	30	
4,4'-DDT	18.0	4.00	"	16.7		108	25-160	5.35	30	
Dieldrin	19.0	4.00	"	16.7		114	36-146	7.31	30	
Endrin	17.3	4.00	"	16.7		104	30-147	10.1	30	
gamma-BHC, Lindane	17.8	2.00	"	16.7		107	32-127	8.56	30	
Heptachlor	15.5	2.00	"	16.7		93.3	34-111	2.65	30	
Surrogate: Decachlorobiphenyl	21.6		"	16.7		130	43-169			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Wendy Lu, Laboratory Supervisor



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

RMA Geoscience
9854 Glenoaks Blvd.
Sun Valley CA, 91352

Project: Canterwood
Project Number: 174-0307-04
Project Manager: Martha Sgriccia

Work Order No: 1802112

Reported:
02/21/2018 12:07

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the practical quantitation limit (PQL)
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



QUALIFICATIONS

MARK SWIATEK, RG, CEG | PRINCIPAL IN CHARGE

EDUCATION

BS, Geology, Edinboro State College,
Edinboro, PA

LICENSES / REGISTRATIONS

CA, Registered Geologist, No. 5401
CA, Certified Engineering Geologist,
No. 1781

PROFESSIONAL AFFILIATIONS

Association of Engineering Geologists

Mr. Mark Swiatek is the President of RMA GeoScience and acts as a Principal-In-Charge and Senior Project Manager, overseeing all aspects of the firm's projects. Mark is responsible for the company's quality assurance program and reviews all aspects of quality control for our clients.

Mark also serves as the Principal Engineering Geologist providing geologic input and analysis for grading and site development. His experience includes work within the San Andreas Fault Zone where active faulting and large landslide complexes need to be clearly understood for land use planning and development.

He has worked with developers, engineers, architects, contractors, lawyers and homeowners within Los Angeles, Orange, San Diego, Riverside, San Bernardino and Ventura Counties on various projects to ensure necessary geological research and reporting are conducted to the highest professional standards.

RELEVANT PROJECT INVOLVEMENT / EXPERIENCE

RENEWABLE ENERGY PROJECTS, ANTELOPE VALLEY

DSA PROJECTS FOR PALMDALE AND WILLIAM S. HART SCHOOL DISTRICTS, PALMDALE AND SANTA CLARITA

SEISMIC RETROFIT OF THE DEVILS GATE BRIDGE, ANGELES NATIONAL FOREST, LOS ANGELES

WIDENING OF AVENUE "S", PALMDALE

EXTENSION OF ELIZABETH LAKE ROAD, PALMDALE

RUNKLE CANYON MASTER PLANNED COMMUNITY, SIMI VALLEY

TESORO DEL VALLE MASTER PLANNED COMMUNITY, SANTA CLARITA

ITTER RANCH MASTER PLANNED COMMUNITY DEVELOPMENT, PALMDALE

AGI GEOTECHNICAL INC., VAN NUYS

Principal Geologist | During this period, Mr. Swiatek's managed a group of 45 employees with a professional staff of engineers and geologists. In 1994, hundreds of projects were performed evaluating damages from the Northridge Hills Earthquake. All time record rainfalls occurred during this era in Southern California providing an opportunity to evaluate and better understand hillside stability and property damage, with emphasis on densely populated areas within the Santa Monica Mountains. Experience included management of all geotechnical issues during mass grading of large subdivisions involving over 100 million cubic yards of earthwork. Mr. Swiatek has worked directly with various governmental agencies tracking projects and as a consultant for improvement projects. Mr. Swiatek has also served as an expert witness with courtroom experience.

GEOSOILS INC., VAN NUYS

Principal Geologist | Mr. Swiatek was a project geologist in charge of the technical and administrative needs of assigned projects. He performed geotechnical engineering explorations, analysis of geologic conditions and preliminary environmental site assessments on a wide range of projects including residential sub-divisions, commercial and industrial projects, and public works projects.

WESTERN LABORATORIES, GARDENA

Soils Technician and Staff Geologist | Worked in the area of the Palos Verdes Peninsula on projects within a complex soils and geology environment.

MARTHA P. SGRICCIA, PG, CEG | PROJECT GEOLOGIST

EDUCATION

MS, Geology, California State University, Northridge

LICENSES / REGISTRATIONS

CA, Professional Geologist, No. 8355
CA, Certified Engineering Geologist,
No. 2494

PROFESSIONAL AFFILIATIONS

Association of Engineering Geologists,
Southern California Chapter

Ms. Martha Sgriccia is currently a Project Geologist at RMA GeoScience. Ms. Sgriccia has practiced engineering geology in Southern California for over 17 years. Her Masters Degree in Geological Sciences combined with her professional experience has resulted in a diversified background that includes project planning, field investigations, Phase I Environmental Site Assessments, and managing all phases of a project in both the public and private sectors. She has worked with engineers, architects, contractors, realtors and homeowners within Los Angeles, Orange, San Bernardino, and Ventura Counties.

RELEVANT PROJECT INVOLVEMENT / EXPERIENCE

IMPROVEMENTS TO AVENUE S, PALMDALE

EXTENSION OF ELIZABETH LAKE ROAD, PALMDALE

MUNICIPAL PARK IMPROVEMENTS, ORANGE COUNTY

LANDSLIDE MITIGATION FOR PRIVATE HOMEOWNERS, LOS ANGELES COUNTY

PHASE I ESA'S AND GEOTECHNICAL DUE DILIGENCES, LOS ANGELES COUNTY

PORT HUENEME NAVAL BASE ATHLETIC FIELD, PORT HUENEME

EDWARD VINCENT PARK PLAYING FIELD, INGLEWOOD

PROJECT GEOLOGIST | A.G.I. GEOTECHNICAL, INC. [2000 - 2012]

Ms. Sgriccia's career as a certified engineering geologist has provided her with a broad range of experiences. She is experienced in evaluating geologic and geotechnical conditions potentially impacting developments in Southern California. Her professional experience includes hillside residential developments, landslide investigations and remediation, fault studies, due diligence geotechnical reviews, private septic disposal system, geologic evaluations on properties during escrow, distressed structure investigation and remediation, liquefaction potential, Phase I Environmental Site Assessments and limited Phase II Investigations. Ms. Sgriccia's experience also includes projects within Alquist-Priolo/ Earthquake Special Studies Zones.

ACCOMPLISHMENTS

Ms. Sgriccia wrote a grant proposal and received grant monies in 2007 from Southern California Earthquake Center for study of the slip rate on the San Andreas Fault in the Ritter Ranch area of Palmdale, California. She co-authored an abstract of the study which was presented at the 50th Annual Meeting of the Association of Engineering Geologists.