



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
FOR**

**TRACT 37439 AND  
CHANNEL IMPROVEMENT  
APNs 466120019, 466120002, 466120022, 466310026, AND 466310002  
SE OF BRIGGS RD AND HOLLAND RD  
WINCHESTER, CA 92596**

For

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

March 5, 2018

Project Number 17H-0307-0



March 5, 2018

Project No. 17H-0307-0

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

Attention: Mr. Bill Lo

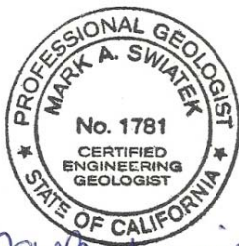
Subject: Phase I Environmental Site Assessment  
Tract 37439 and Channel Improvement  
APNs 466120019, 466120002, 466120022, 466310026, and 466310002  
Southeast of Briggs Road and Holland Road  
Winchester, California

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 five contiguous parcels (APNs 466120019, 466120002, 466120022, 466310026, and 466310002) located at the south side of Holland Road between Eucalyptus and Briggs Roads, Winchester California, collectively referred to for this report as The Site, the purpose of which 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 and research was performed by Martha Sgriccia, Certified Engineering Geologist and approved by Mark A. Swiatek, Principal Geologist.

The site spans a distance of 1.5 miles stretching from Eucalyptus Road at the east to Briggs Road at the west. The land proposed for the residential development consists of parcels 466310026 and 466310002 that have a combined acreage of approximately 160 acres. The proposed flood control channel will traverse three parcels of vacant land, APNs 466120019, 466120002 and 466120022, beginning at the western end of the residential development and terminating at the southeast corner of the intersection of Briggs and Holland Roads. The site was vacant, undeveloped, agricultural land as far back as the earliest aerial photograph in 1938.

Our visual site reconnaissance was conducted on December 19, 2017 and January 25, 2018. No stressed vegetation, or wastewater were observed. There were no abandoned drums or containers, hazardous waste or petroleum products, above ground or underground storage tanks. There was no indication of PCBs identified at the site.

A search of available government databases was conducted for RMA Geoscience, Inc. by Environmental Data Research (EDR). The site is listed on the EPA FINDS database for what appears to be a National Pollutant Discharge Elimination Systems (NPDES) permit related to the future development of Tract 31008. The site is not listed in any other database. 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.

Soil sampling activities were conducted at the site for the purposes of testing for the presence of organochlorine pesticides. Sampling was conducted on January 25, 2018 and a total of 23 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 detected in 18 of the soil samples analyzed by the laboratory. The detectable levels all fell below the California Office of Environmental Health Hazard Assessment screening levels for the respective chemicals.

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



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- Figure 1, Site: Location Map
- Figures 2 and 3: Sample and Photo Location Map

Enclosures:

- Site Photographs
- EDR Radius Report
- EDR Aerial Photographs
- EDR Topographic Maps
- EDR Sanborn Map Report
- EDR City Directory Search
- Interview Questionnaire
- Record Request Documents
- Laboratory Testing Data
- Qualifications



## 1.0 INTRODUCTION

### 1.1 Purpose

A Phase I Environmental Site Assessment (ESA) was performed for five contiguous parcels (APNs 466120019, 466120002, 466120022, 466310026, and 466310002) located at the south side of Holland Road between Eucalyptus and Briggs Roads, Winchester California, collectively 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 spans a distance of 1.5 miles stretching from Eucalyptus Road at the east to Briggs Road at the west. A residential development and flood control channel are proposed for the five parcels. The land proposed for the residential development consists of parcels 466310026 and 466310002 that have a combined acreage of approximately 160 acres. They are contiguous parcels that are bounded at east by Eucalyptus Road, at the north by Holland Road, at the south by Craig Avenue and at the west by Leon Road. The parcels are relatively flat, tilled agricultural land with a total relief of approximately 9 feet, sloping gently to the southwest. The approximate limits of residential development and respective parcels is shown on Figure 2

The proposed flood control channel will traverse three parcels of vacant land, APNs 466120019, 466120002 and 466120022, beginning at the western end of the residential development and terminating at the southeast corner of the intersection of Briggs and Holland Roads. The proposed channel will be up to 210 to 250 feet wide and a little over a mile long. The aforementioned parcels consist of flat, agricultural land that is devoid of structures. An address of 30701 Holland Road is associated with APN 466120022. The approximate limits of flood control channel and respective parcels is shown on Figure 3.

### 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 previous geotechnical reports for the site prepared by this office
- d. 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
- e. A database search of federal, state and local regulatory agencies obtained by Environmental Data Resource (EDR), which is included with this report
- f. Review of local governmental databases and files
- g. Identify key personnel, local officials, and current owners of the property to conduct interviews with persons knowledgeable of the site and surrounding areas.
- h. Collection of a soil samples to test for the presence of organochlorine pesticides
- i. 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.

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 Additional Services**

RMA GeoScience performed a geotechnical due diligence study at the site for Sun Holland, LLC, but no other specific work has been performed.

## **2.0 SITE OVERVIEW**

### **2.1 Site Observations**

Our visual site reconnaissance was conducted on December 19, 2017 and January 25, 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
- \* Waste water or waste water 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**

The two contiguous parcels (APNs 466310026 and 466310002) that are slated for the residential development are surrounded by primarily dirt roads, with no fencing or walls. It contains a significant amount of abandoned irrigation piping and the western half has clearly been used for agricultural purposes as the land contains furrows and old potato plants. There is very little to no wind-blown trash on either parcel. End dumping of household trash was observed at the southeast end of parcel 466310026 off of Leon Road. The trash consisted of a mattress, fabric, plastic and chunks of concrete or gunite. There are three to four trees on the northern edge of parcel 466310002 next to Holland Road, and two small granite outcrops are visible in the southwest end of parcel 466310026. Water mains belonging to Eastern Municipal





Water District (EMWD) were observed on Leon Road and Craig Road and appear to service the irrigation needs of the two parcels. Utility poles line the eastern side of Leon Road.

The portion of the three parcels, APNs 466120019, 466120002 and 466120022, that is slated for the proposed flood control channel consists of vacant, agricultural land. Parcel 466120002 is currently in use for agriculture. Shallow ponds and standing water was observed in places on the three parcels commonly in areas of drainage or irrigation ditches and is likely left over from the recent heavy rains at the beginning of January, 2018. A drainage channel traverses from north to south on Parcel 466120002. A single-family residence with a barn and other outbuildings is located at the northeast corner of Parcel 466120022 with an address of 30701 Holland Road associated with it.

## **2.2 Polychlorinated Biphenyls (PCBs)**

There was no indication of PCBs identified on the site.

## **2.3 Underground and Above-Ground Storage Tanks**

No features associated with ASTs or USTs were observed during our site reconnaissance. There was no evidence, based on our research and reviews 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 waste water exists on-site and there are no sewage waste water or treatment facilities located on or near the site.

## **2.5 Septic Systems**

No records were found at the County of Riverside for the existence of a septic system on site. Based on our research the likelihood that a septic system exists on site is low.

## **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. Ponds and standing water was observed in places along the three parcels, APNs 466120019, 466120002 and 466120022 and are most likely residual water from the heavy rains that occurred in the beginning of January, 2018.

## **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 wells are located at the northeast corner of the intersection of Holland Road and Leon Road and at the southwest corner of the intersection of Briggs Road and Holland Road.



## **2.8 Site Reconnaissance of Adjacent Properties**

Properties immediately adjacent to the site consist of the following:

- To the north—Holland Road and vacant, farm land, dry detention pond
- To the west – Private property, possibly livestock farm, Dairy farm off of Briggs Road
- To the south– Appears to be vacant land and farm land
- To the east – Small farm, appeared to be abandoned/vacant during site reconnaissance

## **2.9 Current Site Use**

The site is currently undeveloped and vacant of structures. Some portions of the site are currently used for agriculture.

## **2.10 Past Land Use**

According to the referenced EDR report, aerial photos, and our research the site was vacant, undeveloped, agricultural land as far back as the earliest aerial photograph in 1938.

## **2.11 Potable Water Supply**

A potable water supply was not apparent at the site at the time of our site reconnaissance. It is assumed that water supplied to the site is for irrigation purposes. It is presumed that future residences will be serviced by a municipal water agency.

# **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). Small outcrops of the granitic bedrock are visible on the site, and larger outcrops are visible in the hills to the northeast.

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.

The subject site is underlain by well-consolidated clayey sand alluvium, which is underlain at depth by quartz diorite bedrock. Outcrops of the bedrock that have been weathered to low relief are exposed in the southwest corner of the property.

## **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 was not encountered by RMA Geoscience during its geotechnical studies to the maximum depth explored of 50 feet.

According to Federal Emergency Management Agency (Flood Insurance Rate Map #06065C2090G), the site is located in an area of Flood Zone X, which is an area where the likelihood of flood hazards is considered minimal.

#### **4.0 RESULTS OF RECORDS SEARCH**

##### **4.1 Aerial Photograph Review**

- 1938 The site consists of vacant, undeveloped land that is devoid of structures. Evidence of agriculture use is visible on parcel 466120022. The soil on the 160-acre-portion of the site (APNs 466310026 and 466310002) appears to have been disked as the site appears to have lines travelling from northwest to southeast and may be evidence of agricultural usage. The neighboring properties consist of farmland and vacant land.
- 1949 The site has very little change from the last photograph. The 160-acre-portion of the site appears to be fallow. There appears to be water at the north end that is most likely from the farm to the north. There is no change to the surrounding properties from the previous photograph.
- 1953 There is virtually no change to the site from the previous photograph. Agricultural usage is still visible on Parcel 466120022. A natural drainage course is visible on Parcel 466120002 and trends in at northwesterly direction. The appearance of furrows on the 160 acre portion suggests agricultural usage. The appearance of water at the northern end is gone. There is no change to the surrounding properties from the previous photograph.
- 1961 The site in its entirety appears to be fallow in this photograph. There is little change to the surrounding properties from the previous photograph.
- 1967 The 160 acre portion of the site appears to be in use for agriculture. The remainder of the site is fallow. A homestead is visible on the property to the north and west at 30901 Holland Road. There is no significant change to the surrounding properties.
- 1978 There are virtually no changes to the site and surrounding properties from the previous photograph. A second residence with outbuildings is located on the adjacent property to the west of the 160 acre portion of the site.
- 1985 There are no changes to the site from the previous photograph. A detention basin is visible at the south end of the property at 30965 Holland Road.



- 1989 Evidence of agricultural usage is visible on the north end of Parcel 466120019 located at the southeast corner of Briggs Road and Holland Road. There are no significant changes to the remainder of the site. The single-family residence located at the northeast corner of Parcel 466120022 is visible in this photograph.
- 1996 There are no significant changes to the site and surrounding properties from the previous photograph. A farm is visible at the neighboring property at the northeast.
- 2002 Agricultural activity is evident over most of the site with the exception of the eastern portion of Parcel 466120022. There is no significant change to the surrounding properties from the previous photograph.
- 2005 There are no significant changes to the site from the previous photograph. Barns or greenhouses are visible on the property to the north of the site at 30865 Holland Road.
- 2006 There are no significant changes to the site from the previous photograph. The number of barns and other outbuildings has increased on the properties to the north that front at the south side of Holland Road.
- 2009 The site appears to be fallow in this photograph. Most of the buildings that were observed on the properties to the north in the two previous photographs are absent.
- 2010 Evidence of agricultural use is evident over most of the site. There is no significant change to the neighboring properties from the previous photograph.
- 2012 Most of the site appears to be fallow in this photograph with the exception of Parcel 466120002 where agricultural usage is evident. There are no significant changes to surrounding properties from the previous photograph.

Agricultural activity is visible at the site on aerial photographs from 2013 to 2014 as viewed in Google Earth (2015). Agricultural usage is visible in aerial photographs from 2016 at the northern portions of Parcels 466120002 and 466120022.

Copies of the aerial photographs from 1938 to 2012 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/The Site) 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 listed on the EPA FINDS database for what appears to be a National Pollutant Discharge Elimination Systems (NPDES) permit related to development of Tract 31008. The site is not listed in any other database.

#### **4.4.2 Surrounding Sites Search Results**

The property to the north of the site with the street address of 30901 Holland Road is listed in the Clandestine Drug Laboratory Register (CDL) database which is a listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register. The property is situated at the south side of Holland Road approximately 300 feet to the west of Leon Road. This site is not a recognized environmental condition with respect to the subject site based on distance to the subject property.

There are no other 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 2014 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. A listing for Hunters Automotive was identified in a directory from 1980 at the address of 30985 Holland Road located adjacent to the west of Leon Road. Aerial photographs from that time period show small



buildings located at the north portion of the address. There is no other listing for Hunters Automotive prior to and after 1980.

#### **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

A request for records for 30701 Holland Road (APN 466120022) was submitted to this agency for available permits, notices of violations, notices to comply, site inspection reports, emissions summaries, and asbestos notification records. No records were available for the address. A search was also performed on the Facility Information Detail database that is maintained by this agency. No records were found for the site.

##### County of Riverside Department of Environmental Health (CRDEH)

This agency was contacted for records pertaining to underground and above ground storage tanks at the property, known violations, permits and hazardous materials handling or storage. Since the CRDEH is unable to provide information about sites using Assessor's Parcel Numbers we requested records for the one known address of 30701 Holland Road for Parcel 466120022. We also requested records for the addresses of the neighboring properties adjacent to the north at 30835, 30965, 30985, and 31509 Holland Road. We were notified via letter that no records were found for the aforementioned addresses. Copies of the letters from CRDEH are included with this report.

##### County Riverside Building and Safety Department

A request for records was submitted to this agency for available permits for the address of 30701 Holland Road, Parcel 466120022. A permit for a septic disposal system was found associated with the existing mobile home. The septic system is located adjacent to the mobile home off of Holland Road. No other pertinent permits were found related to the south portion of the site.

#### **4.7 Vapor Encroachment**

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**

No significant data gaps were encountered that would affect our ability to identify recognized environmental conditions in connection with the site.



## 5.0 INTERVIEWS

An interview with William Lo of Sun Holland, LLC was conducted as part of this Phase I ESA. The interview was conducted on December 21, 2017, and questions were answered to the best knowledge of the interviewee. Any questions that the interviewee did not know the answers to were left blank. The interview form is attached to this report.

We also spoke with Mr. Bill Lo on January 2, 2018 regarding past uses of the 160 acre site and whether the site had been used for agriculture in the years prior to 2000. He said he purchased the property 4 years ago and has no knowledge of the past use of the site for agriculture.

We spoke with Kerri Seidenfranz who is a co-trustee of the Boere Family Trust that owns the three parcels that are involved with the proposed flood control channel regarding his knowledge of the past usages of the parcels. His recollection of the parcels goes back to 1977. He said that the parcels had been used for agriculture specifically for potatoes. Cow manures were occasionally spread on the fields and that the parcels had been sprayed for agricultural purposes. He told us he was not aware of any spills, leaks or other releases of chemicals on site. He said no solid or liquid waste had been disposed of on the parcels and there were no above ground or underground storage tanks on the parcels. He said he was not aware of any litigations, governmental notices or violations relating to hazardous substances or petroleum products in connection with the parcels.

Mr. Seidenfranz told us that Mr. Boere claims to have health issues from Vapam that was used on one of the 750 acres of farmland that he leases to farmers. Vapam is a soil fumigant that is currently registered with the EPA and was approved for use beginning in the mid 1990s. Mr. Seidenfranz was not sure where in the 750 acres the Vapam was applied only that the three parcels are included within the 750 acres. He said there is no litigation in connection with Mr. Boere's health issue.

## 6.0 SOIL SAMPLING

### 6.1 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.

### 6.2 Field Methods

On January 25, 2018 a total of 23 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, Figures 2 and 3. 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.





<b>TABLE 1</b>		
<b>Sample I.D.</b>	<b>Analytes</b>	<b>Test Results (mg/kg)</b>
S-1	DDE	0.0171
S-2	DDE	0.0106
S-3	DDE	0.0064
S-4	DDE	0.0143
S-5	DDE	0.0106
S-6	DDE	0.0117
S-7	DDE	0.0104
S-8	ND	ND
S-9	ND	ND
S-10	ND	ND
S-11	ND	ND
S-12	ND	ND
S-13	DDE	0.0152
S-14	DDE	0.0304
S-15	DDE	0.0538
S-16	DDE	0.0695
S-17	DDE	0.0194
S-18	DDE	0.0365
S-19	DDE	0.0392
S-20	DDE	0.0302
S-21	DDE	0.0342
S-22	DDE	0.0267
S-23	DDE	0.0273

\*ND: Non Detect

<b>TABLE 2</b>	
<b>Organic Chemical</b>	<b>CHHSL Levels (mg/kg) (Residential Land Use From Updated Table dated9/10)</b>
DDE	1.60
DDT	1.60
DDD	2.30

California Office of Environmental Health Hazard Assessment Soil-Screening Numbers,  
Residential scenario, 9-23-10.

### 6.3 Analytical Findings

Of the 23 samples collected 18 of them had detectable levels of pesticides. Pesticide residue detected was DDE. All of the detected pesticides are *below* California Human Health Screening Levels (CHHSLs). CHHSL numbers are solely advisory and published by the Office of Environmental Health Hazard Assessment



(OEHHA) as reference values for use by citizen groups, community organizations, property owners, developers, and local government officials to estimate the degree of effort that may be necessary to remediate a contaminated site. The test results are summarized in Table 1. The CHHSLs for the detected pesticides is shown in Table 2. The laboratory analytical results for the soil samples are included with this report.

## **7.0 CONCLUSIONS AND RECOMMENDATIONS**

### **7.1 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 five contiguous parcels (APNs 466120019, 466120002, 466120022, 466310026, and 466310002) located at the south side of Holland Road between Eucalyptus and Briggs Roads, Winchester California. Any exceptions to or deletions from this practice are described in this report.

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

## **8.0 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.”

## **9.0 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.



## 10.0 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](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](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>

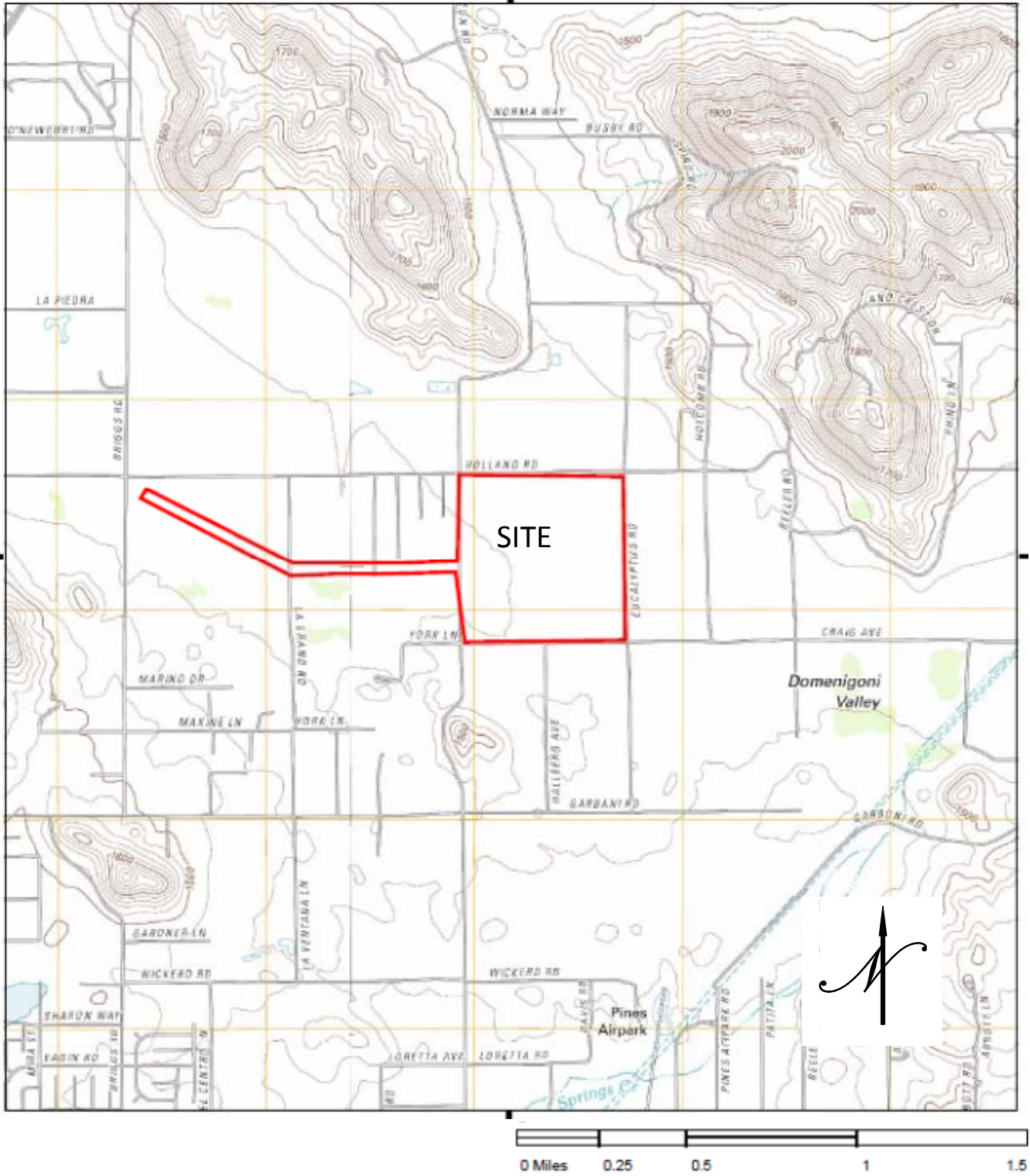
State Water Resources Control Board Website,  
<http://geotracker.swrcb.ca.gov/>

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

California Office of Environmental Health Hazard Assessment (OEHHA), California Human Health Screening Levels (CHHSLs): <https://oehha.ca.gov/risk-assessment/sites>

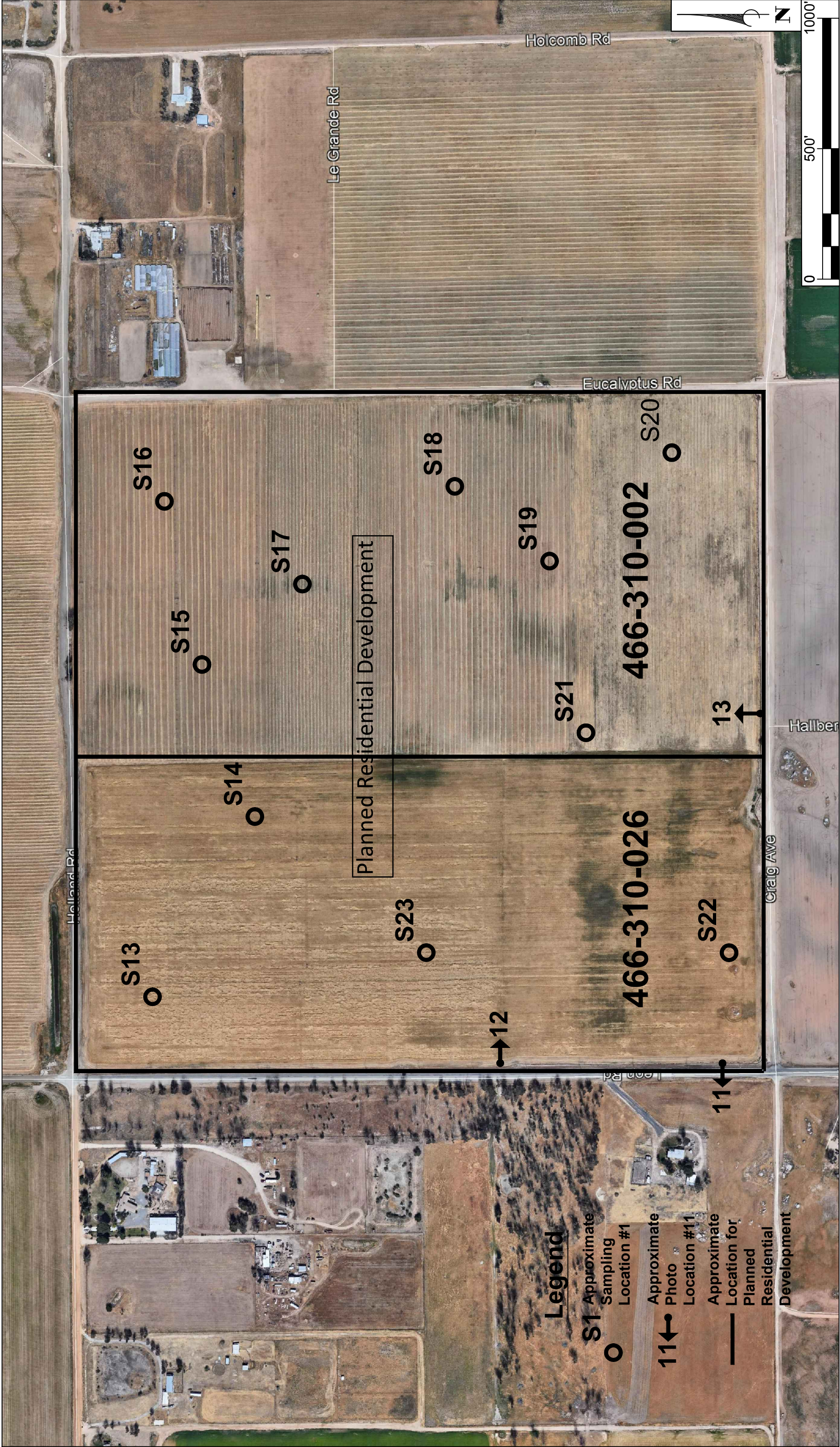


## FIGURES



**SITE LOCATION MAP**

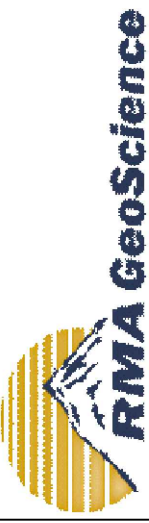
Figure 1



**Legend**

- S1** ○ Approximate Sampling Location #1
- 11** ← Approximate Photo Location #11
- Approximate Location for Planned Residential Development

Source: Google Earth Images



**Sample and Photo Location Map**

Holland Road  
Menifee, CA

Figure 2

RMA Job No:	17H-0307-04
Report Date:	3/2018
Prepared By:	MRM



Source: Google Earth Images



**Sample and Photo Location Map**  
 Holland Road  
 Menifee, CA

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



## SITE PHOTOGRAPHS





Photograph 1:



Photograph 2:



Photograph 3:



Photograph 4:



Photograph 5



Photograph 6



Photograph 7



Photograph 8



Photograph 9



Photograph 10



Photograph 11



Photograph 12



Photograph 13



## EDR RADIUS REPORT



**Canterwood Project**

Holland Rod. East of Briggs Rd.  
Menifee, CA 92584

Inquiry Number: 5167488.2s

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](http://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

HOLLAND ROD. EAST OF BRIGGS RD.  
MENIFEE, CA 92584

#### COORDINATES

Latitude (North): 33.6666060 - 33° 39' 59.78"  
Longitude (West): 117.1252970 - 117° 7' 31.06"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 488383.8  
UTM Y (Meters): 3725004.5  
Elevation: 1438 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640944 WINCHESTER, CA
Version Date:	2012
Southeast Map:	5640928 BACHELOR MOUNTAIN, CA
Version Date:	2012
Southwest Map:	5641304 MURRIETA, CA
Version Date:	2012
West Map:	5641314 ROMOLAND, CA
Version Date:	2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140530, 20140603
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:  
 HOLLAND ROD. EAST OF BRIGGS RD.  
 MENIFEE, CA 92584

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">A1</a>	DE JONG & SON DAIRY	31015 BRIGGS	FINDS	Lower	350, 0.066, WNW
<a href="#">A2</a>	MENIFEE THE HEIGHTS	SW CORNER OF HOLLAND	NPDES	Lower	393, 0.074, WNW
<a href="#">3</a>		30901 HOLLAND RD	CDL	Higher	455, 0.086, NE
<a href="#">4</a>	HOLLAND ROAD ES NO.	HEATON LANE/HOLLAND	ENVIROSTOR, SCH	Lower	2604, 0.493, WNW
<a href="#">5</a>	PROPOSED HIGH SCHOOL	NW CORNER OF LEON RO	ENVIROSTOR, SCH	Lower	5140, 0.973, SSE

# 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  
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  
FUSRAP..... Formerly Utilized Sites Remedial Action Program

## EXECUTIVE SUMMARY

UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
UXO.....	Unexploded Ordnance Sites
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
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
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
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.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.



## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***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 are 2 ENVIROSTOR sites within approximately 1.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>HOLLAND ROAD ES NO.</b> Facility Id: 60000282 Status: No Action Required	<b>HEATON LANE/HOLLAND</b>	<b>WNW 1/4 - 1/2 (0.493 mi.)</b>	<b>4</b>	<b>11</b>
<b>PROPOSED HIGH SCHOOL</b> Facility Id: 60001126 Status: No Action Required	<b>NW CORNER OF LEON RO</b>	<b>SSE 1/2 - 1 (0.973 mi.)</b>	<b>5</b>	<b>13</b>

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Local Lists of Hazardous waste / Contaminated Sites***

CDL: 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.

A review of the CDL list, as provided by EDR, and dated 06/30/2017 has revealed that there is 1 CDL site within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported Facility Id: 2000-05-091	30901 HOLLAND RD	NE 0 - 1/8 (0.086 mi.)	3	11

#### ***Other Ascertainable Records***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act])

## EXECUTIVE SUMMARY

and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/23/2017 has revealed that there is 1 FINDS site within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DE JONG & SON DAIRY	31015 BRIGGS	WNW 0 - 1/8 (0.066 mi.)	A1	8

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 11/13/2017 has revealed that there is 1 NPDES site within approximately 0.125 miles of the target property.

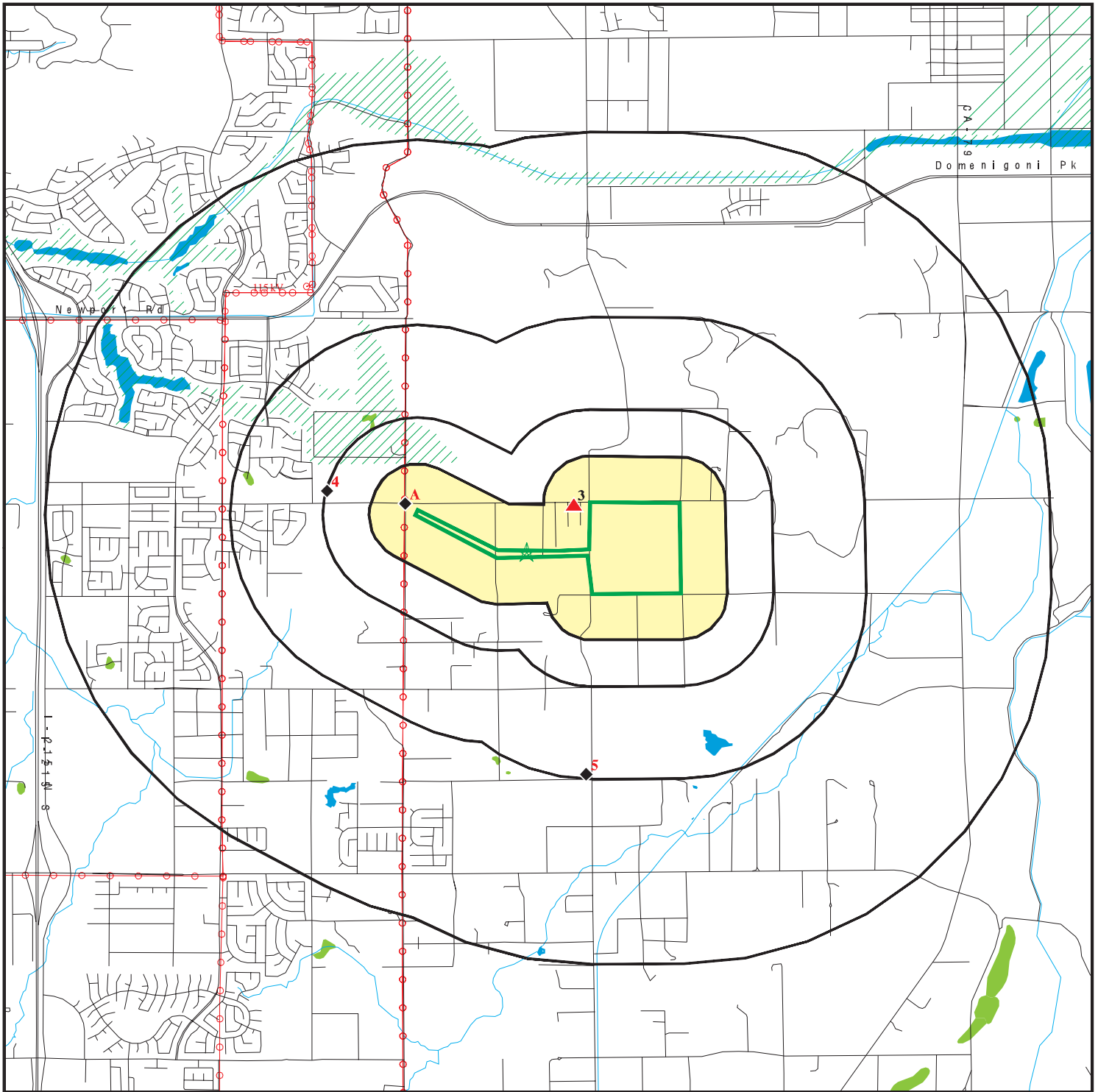
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MENIFEE THE HEIGHTS Facility Status: Active	SW CORNER OF HOLLAND	WNW 0 - 1/8 (0.074 mi.)	A2	8

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

<u>Site Name</u>	<u>Database(s)</u>
LEON ROAD IMPROVEMENT PROJECT	NPDES CDL

# OVERVIEW MAP - 5167488.2S



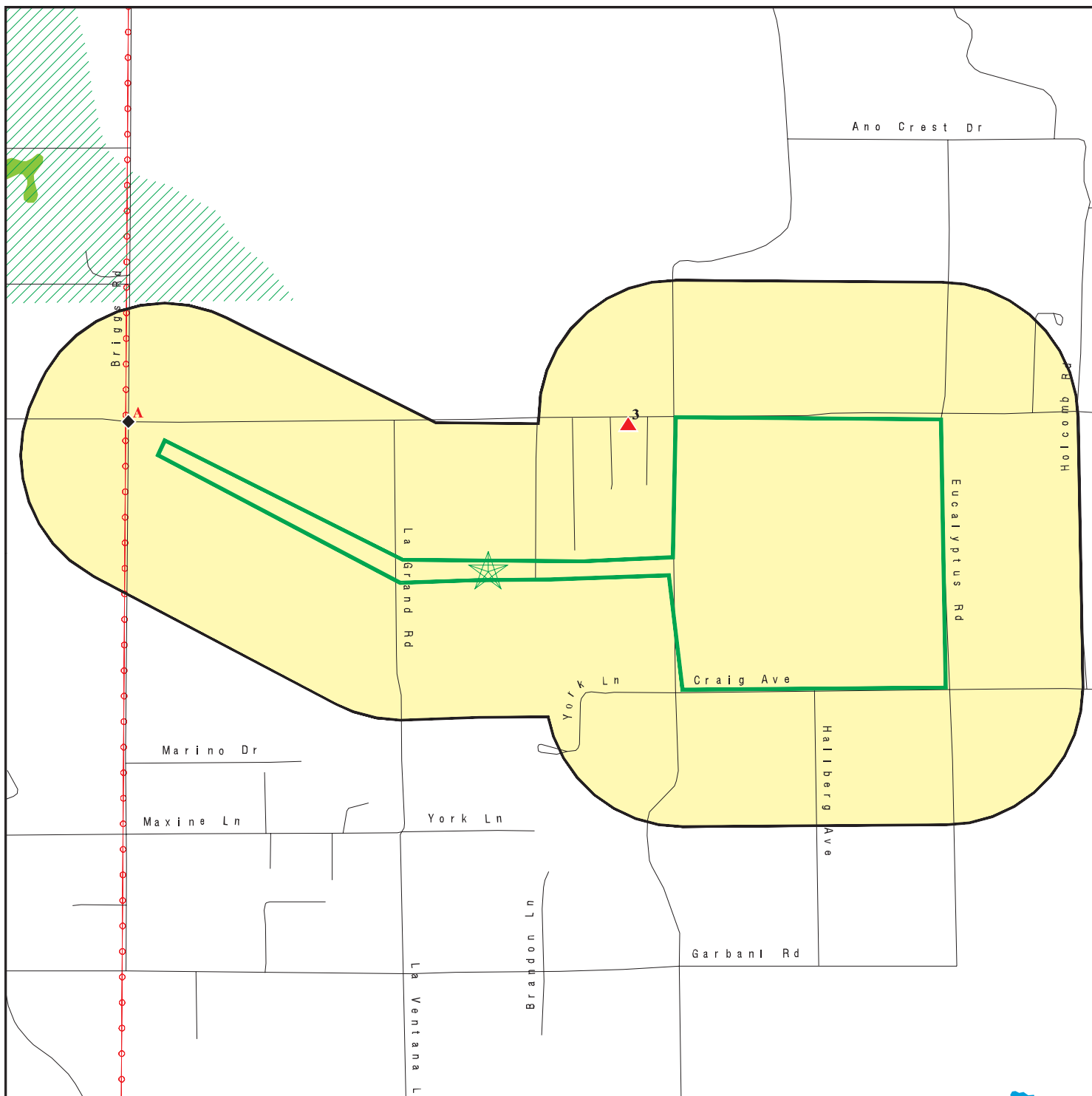
- |   |                            |                  |
|---|----------------------------|------------------|
| Target Property   | Indian Reservations BIA    | Upgradient Area  |
| Sites at elevations higher than or equal to the target property | Power transmission lines   | Areas of Concern |
| Sites at elevations lower than the target property              | 100-year flood zone        |                  |
| Manufactured Gas Plants   | 500-year flood zone        |                  |
| National Priority List Sites                                    | National Wetland Inventory |                  |
| Dept. Defense Sites   | State Wetlands             |                  |















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

SITE NAME: Canterwood Project  
 ADDRESS: Holland Rod. East of Briggs Rd.  
 Menifee CA 92584  
 LAT/LONG: 33.666606 / 117.125297

CLIENT: RMA Geoscience  
 CONTACT: Martha Sgriccia  
 INQUIRY #: 5167488.2s  
 DATE: January 24, 2018 3:23 pm

# DETAIL MAP - 5167488.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  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: Canterwood Project  
 ADDRESS: Holland Rod. East of Briggs Rd.  
 Menifee CA 92584  
 LAT/LONG: 33.666606 / 117.125297

CLIENT: RMA Geoscience  
 CONTACT: Martha Sgriccia  
 INQUIRY #: 5167488.2s  
 DATE: January 24, 2018 3:24 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.125		0	0	0	0	0	0
Proposed NPL	1.125		0	0	0	0	0	0
NPL LIENS	0.125		0	NR	NR	NR	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.125		0	0	0	0	0	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.625		0	0	0	0	NR	0
SEMS	0.625		0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.625		0	0	0	0	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.125		0	0	0	0	0	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.625		0	0	0	0	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.375		0	0	0	NR	NR	0
RCRA-SQG	0.375		0	0	0	NR	NR	0
RCRA-CESQG	0.375		0	0	0	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.625		0	0	0	0	NR	0
US ENG CONTROLS	0.625		0	0	0	0	NR	0
US INST CONTROL	0.625		0	0	0	0	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.125		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.125		0	0	0	0	0	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.125		0	0	1	1	0	2
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.625		0	0	0	0	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.625		0	0	0	0	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	0.625		0	0	0	0	NR	0
SLIC	0.625		0	0	0	0	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.375		0	0	0	NR	NR	0
UST	0.375		0	0	0	NR	NR	0
AST	0.375		0	0	0	NR	NR	0
INDIAN UST	0.375		0	0	0	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.625		0	0	0	0	NR	0
VCP	0.625		0	0	0	0	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.625		0	0	0	0	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.625		0	0	0	0	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.625		0	0	0	0	NR	0
SWRCY	0.625		0	0	0	0	NR	0
HAULERS	0.125		0	NR	NR	NR	NR	0
INDIAN ODI	0.625		0	0	0	0	NR	0
DEBRIS REGION 9	0.625		0	0	0	0	NR	0
ODI	0.625		0	0	0	0	NR	0
IHS OPEN DUMPS	0.625		0	0	0	0	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.125		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.125		0	0	0	0	0	0
SCH	0.375		0	0	0	NR	NR	0
CDL	0.125		1	NR	NR	NR	NR	1
Toxic Pits	1.125		0	0	0	0	0	0
US CDL	0.125		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.375		0	0	0	NR	NR	0
HIST UST	0.375		0	0	0	NR	NR	0
CA FID UST	0.375		0	0	0	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS	0.125		0	NR	NR	NR	NR	0
LIENS 2	0.125		0	NR	NR	NR	NR	0
DEED	0.625		0	0	0	0	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.125		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	0.125		0	NR	NR	NR	NR	0
LDS	0.125		0	NR	NR	NR	NR	0
MCS	0.125		0	NR	NR	NR	NR	0
SPILLS 90	0.125		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.375		0	0	0	NR	NR	0
FUDS	1.125		0	0	0	0	0	0
DOD	1.125		0	0	0	0	0	0
SCRD DRYCLEANERS	0.625		0	0	0	0	NR	0
US FIN ASSUR	0.125		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.125		0	NR	NR	NR	NR	0
2020 COR ACTION	0.375		0	0	0	NR	NR	0
TSCA	0.125		0	NR	NR	NR	NR	0
TRIS	0.125		0	NR	NR	NR	NR	0
SSTS	0.125		0	NR	NR	NR	NR	0
ROD	1.125		0	0	0	0	0	0
RMP	0.125		0	NR	NR	NR	NR	0
RAATS	0.125		0	NR	NR	NR	NR	0
PRP	0.125		0	NR	NR	NR	NR	0
PADS	0.125		0	NR	NR	NR	NR	0
ICIS	0.125		0	NR	NR	NR	NR	0
FTTS	0.125		0	NR	NR	NR	NR	0
MLTS	0.125		0	NR	NR	NR	NR	0
COAL ASH DOE	0.125		0	NR	NR	NR	NR	0
COAL ASH EPA	0.625		0	0	0	0	NR	0
PCB TRANSFORMER	0.125		0	NR	NR	NR	NR	0
RADINFO	0.125		0	NR	NR	NR	NR	0
HIST FTTS	0.125		0	NR	NR	NR	NR	0
DOT OPS	0.125		0	NR	NR	NR	NR	0
CONSENT	1.125		0	0	0	0	0	0
INDIAN RESERV	1.125		0	0	0	0	0	0
FUSRAP	1.125		0	0	0	0	0	0
UMTRA	0.625		0	0	0	0	NR	0
LEAD SMELTERS	0.125		0	NR	NR	NR	NR	0
US AIRS	0.125		0	NR	NR	NR	NR	0
US MINES	0.375		0	0	0	NR	NR	0
ABANDONED MINES	0.375		0	0	0	NR	NR	0
FINDS	0.125		1	NR	NR	NR	NR	1
UXO	1.125		0	0	0	0	0	0
ECHO	0.125		0	NR	NR	NR	NR	0
DOCKET HWC	0.125		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.375		0	0	0	NR	NR	0
CA BOND EXP. PLAN	1.125		0	0	0	0	0	0
Cortese	0.625		0	0	0	0	NR	0
CUPA Listings	0.375		0	0	0	NR	NR	0
DRYCLEANERS	0.375		0	0	0	NR	NR	0
EMI	0.125		0	NR	NR	NR	NR	0
ENF	0.125		0	NR	NR	NR	NR	0
Financial Assurance	0.125		0	NR	NR	NR	NR	0
HAZNET	0.125		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
HIST CORTESE	0.625		0	0	0	0	NR	0
HWP	1.125		0	0	0	0	0	0
HWT	0.375		0	0	0	NR	NR	0
MINES	0.375		0	0	0	NR	NR	0
MWMP	0.375		0	0	0	NR	NR	0
NPDES	0.125		1	NR	NR	NR	NR	1
PEST LIC	0.125		0	NR	NR	NR	NR	0
PROC	0.625		0	0	0	0	NR	0
Notify 65	1.125		0	0	0	0	0	0
UIC	0.125		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.625		0	0	0	0	NR	0
WDS	0.125		0	NR	NR	NR	NR	0
WIP	0.375		0	0	0	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.125		0	0	0	0	0	0
EDR Hist Auto	0.250		0	0	NR	NR	NR	0
EDR Hist Cleaner	0.250		0	0	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA LF	0.125		0	NR	NR	NR	NR	0
RGA LUST	0.125		0	NR	NR	NR	NR	0

- Totals --		0	3	0	1	1	0	5
-------------	--	---	---	---	---	---	---	---

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**  
**WNW**  
**< 1/8**  
**0.066 mi.**  
**350 ft.**

**DE JONG & SON DAIRY**  
**31015 BRIGGS**  
**SUN CITY, CA 92585**  
**Site 1 of 2 in cluster A**

**FINDS** **1023296551**  
**N/A**

**Relative:**  
**Lower**

FINDS:

Registry ID: 110065883510

**Actual:**  
**1431 ft.**

Environmental Interest/Information System  
STATE MASTER

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

**A2**  
**WNW**  
**< 1/8**  
**0.074 mi.**  
**393 ft.**

**MENIFEE THE HEIGHTS BANNING**  
**SW CORNER OF HOLLAND AND BRIGGS ROAD**  
**MENIFEE, CA 92584**  
**Site 2 of 2 in cluster A**

**NPDES** **S121023216**  
**N/A**

**Relative:**  
**Lower**

NPDES:

Npdes Number: Not reported  
Facility Status: Not reported  
Agency Id: Not reported  
Region: 8  
Regulatory Measure Id: 483263  
Order No: Not reported  
Regulatory Measure Type: Construction  
Place Id: Not reported  
WDID: 8 33C378884  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
RECEIVED DATE: 02/03/2017  
PROCESSED DATE: 02/06/2017  
STATUS CODE NAME: Active  
STATUS DATE: 02/06/2017  
PLACE SIZE: 160.43  
PLACE SIZE UNIT: Acres  
FACILITY CONTACT NAME: Chris Willis  
FACILITY CONTACT TITLE: Director of Project Management  
FACILITY CONTACT PHONE: 951-428-4446  
FACILITY CONTACT PHONE EXT: Not reported  
FACILITY CONTACT EMAIL: chris.willis@pardeehomes.com  
OPERATOR NAME: Pardee Homes Inland Empire  
OPERATOR ADDRESS: 1250 Corona Pointe Court  
OPERATOR CITY: Corona  
OPERATOR STATE: California  
OPERATOR ZIP: 92879  
OPERATOR CONTACT NAME: Robert Skands

**Actual:**  
**1431 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MENIFEE THE HEIGHTS BANNING (Continued)**

**S121023216**

OPERATOR CONTACT TITLE: Not reported  
OPERATOR CONTACT PHONE: 951-428-4400  
OPERATOR CONTACT PHONE EXT: Not reported  
OPERATOR CONTACT EMAIL: robert.skands@pardeehomes.com  
OPERATOR TYPE: Private Business  
DEVELOPER NAME: Pardee Homes Inland Empire  
DEVELOPER ADDRESS: 1250 Corona Pointe Court  
DEVELOPER CITY: Corona  
DEVELOPER STATE: California  
DEVELOPER ZIP: 92879  
DEVELOPER CONTACT NAME: Robert Skands  
DEVELOPER CONTACT TITLE: Not reported  
CONSTYPE LINEAR UTILITY IND: N  
EMERGENCY PHONE NO: Not reported  
EMERGENCY PHONE EXT: Not reported  
CONSTYPE ABOVE GROUND IND: N  
CONSTYPE BELOW GROUND IND: N  
CONSTYPE CABLE LINE IND: N  
CONSTYPE COMM LINE IND: N  
CONSTYPE COMMERCIAL IND: N  
CONSTYPE ELECTRICAL LINE IND: N  
CONSTYPE GAS LINE IND: N  
CONSTYPE INDUSTRIAL IND: N  
CONSTYPE OTHER DESCRIPTION: Not reported  
CONSTYPE OTHER IND: N  
CONSTYPE RECONS IND: N  
CONSTYPE RESIDENTIAL IND: Y  
CONSTYPE TRANSPORT IND: N  
CONSTYPE UTILITY DESCRIPTION: Not reported  
CONSTYPE UTILITY IND: N  
CONSTYPE WATER SEWER IND: N  
DIR DISCHARGE USWATER IND: N  
RECEIVING WATER NAME: Salt Creek  
CERTIFIER NAME: Robert Skands  
CERTIFIER TITLE: Senior Project Manager  
CERTIFICATION DATE: 03-FEB-17  
PRIMARY SIC: Not reported  
SECONDARY SIC: Not reported  
TERTIARY SIC: Not reported

Npdes Number: CAS000002  
Facility Status: Active  
Agency Id: 0  
Region: 8  
Regulatory Measure Id: 483263  
Order No: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place Id: Not reported  
WDID: 8 33C378884  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 02/06/2017  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Pardee Homes Inland Empire  
Discharge Address: 1250 Corona Pointe Court  
Discharge City: Corona

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MENIFEE THE HEIGHTS BANNING (Continued)**

**S121023216**

Discharge State:	California
Discharge Zip:	92879
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERCIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MENIFEE THE HEIGHTS BANNING (Continued)**

**S121023216**

TERTIARY SIC: Not reported

**3**  
**NE**  
**< 1/8**  
**0.086 mi.**  
**455 ft.**

**30901 HOLLAND RD**  
**WINCHESTER, CA 92596**

**CDL S107532609**  
**N/A**

**Relative:**  
**Higher**

CDL:  
Facility ID: 2000-05-091  
Date: 05/14/2000  
Labtype: Illegal Drug lab  
Lab Type: Illegal Drug Lab (L) - location where an illegal drug lab was operated or drug lab equipment and/or materials were stored.

**Actual:**  
**1441 ft.**

**4**  
**WNW**  
**1/4-1/2**  
**0.493 mi.**  
**2604 ft.**

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

**ENVIROSTOR S118757095**  
**SCH N/A**

**Relative:**  
**Lower**

ENVIROSTOR:  
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

**Actual:**  
**1435 ft.**

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLLAND ROAD ES NO. 11 (Continued)**

**S118757095**

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  
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:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLLAND ROAD ES NO. 11 (Continued)**

**S118757095**

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

**5**  
**SSE**  
**1/2-1**  
**0.973 mi.**  
**5140 ft.**

**PROPOSED HIGH SCHOOL NO. 4**  
**NW CORNER OF LEON ROAD & WICKERD ROAD**  
**RIVERSIDE, CA 92584**

**ENVIROSTOR** **S118757205**  
**SCH** **N/A**

**Relative:**  
**Lower**

ENVIROSTOR:  
Facility ID: 60001126  
Status: No Action Required  
Status Date: 07/23/2009  
Site Code: 404835  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 57  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 67  
Senate: 28  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.6493  
Longitude: -117.1197  
APN: NONE SPECIFIED  
Past Use: NONE  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: No Contaminants found  
Potential Description: SOIL

**Actual:**  
**1428 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED HIGH SCHOOL NO. 4 (Continued)**

**S118757205**

Alias Name: 404835  
Alias Type: Project Code (Site Code)  
Alias Name: 60001126  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 07/23/2009  
Comments: DTSC approved the Phase I report with a No Action determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 07/28/2009  
Comments: Not reported

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

SCH:

Facility ID: 60001126  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 57  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404835  
Assembly: 67  
Senate: 28  
Special Program Status: Not reported  
Status: No Action Required  
Status Date: 07/23/2009  
Restricted Use: NO  
Funding: School District  
Latitude: 33.6493  
Longitude: -117.1197  
APN: NONE SPECIFIED  
Past Use: NONE  
Potential COC: NONE SPECIFIED, No Contaminants found  
Confirmed COC: No Contaminants found  
Potential Description: SOIL



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PROPOSED HIGH SCHOOL NO. 4 (Continued)**

**S118757205**

Alias Name: 404835  
Alias Type: Project Code (Site Code)  
Alias Name: 60001126  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 07/23/2009  
Comments: DTSC approved the Phase I report with a No Action determination.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Cost Recovery Closeout Memo  
Completed Date: 07/28/2009  
Comments: Not reported

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

Count: 2 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MURRIETA RIVERSIDE COUNTY	S113450256 S107537916	LEON ROAD IMPROVEMENT PROJECT	LEON ROAD BETWEEN KELLER AND S BRIGGS ROAD/300' FROM POWERLIN	92596	NPDES CDL

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***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  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/01/2017  
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  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 12/01/2017  
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  
Date Data Arrived at EDR: 09/26/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 24

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 12/19/2017  
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  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 9

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 01/19/2018  
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  
Date Data Arrived at EDR: 11/21/2017  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 01/19/2018  
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  
Date Data Arrived at EDR: 10/31/2017  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 73

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 01/02/2018  
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

## 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

## 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/11/2017	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2017	Telephone: 916-323-3836
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 12/12/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/15/2017	Telephone: 916-445-3846
Date Made Active in Reports: 01/16/2018	Last EDR Contact: 12/13/2017
Number of Days to Update: 32	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	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2017	Telephone: 916-445-2408
Date Made Active in Reports: 01/17/2018	Last EDR Contact: 12/12/2017
Number of Days to Update: 36	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	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 04/17/2015	Telephone: 559-445-5577
Date Made Active in Reports: 06/23/2015	Last EDR Contact: 01/12/2018
Number of Days to Update: 67	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/14/2017
Number of Days to Update: 9	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	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 12/19/2017
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Varies

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

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

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

## EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

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

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

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

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

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

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

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### 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: 04/24/2047  
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.

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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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:

### 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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Kings County Department of Public Health
Date Data Arrived at EDR: 11/17/2017	Telephone: 559-584-1411
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 11/14/2017
Number of Days to Update: 28	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	Source: Lake County Environmental Health
Date Data Arrived at EDR: 11/10/2017	Telephone: 707-263-1164
Date Made Active in Reports: 11/15/2017	Last EDR Contact: 01/16/2018
Number of Days to Update: 5	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	Source: Lassen County Environmental Health
Date Data Arrived at EDR: 07/26/2017	Telephone: 530-251-8528
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 82	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### 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	Source: EPA Region 9
Date Data Arrived at EDR: 03/31/2009	Telephone: 415-972-3178
Date Made Active in Reports: 10/23/2009	Last EDR Contact: 12/13/2017
Number of Days to Update: 206	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	Source: Department of Public Works
Date Data Arrived at EDR: 10/12/2017	Telephone: 626-458-3517
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 01/04/2018
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/23/2018
	Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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:

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

### List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

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: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/07/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

## PLACER COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 63

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 11/30/2017  
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  
Date Data Arrived at EDR: 11/03/2017  
Date Made Active in Reports: 11/15/2017  
Number of Days to Update: 12

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 01/22/2018  
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  
Date Data Arrived at EDR: 10/12/2017  
Date Made Active in Reports: 11/09/2017  
Number of Days to Update: 28

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/15/2017  
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  
Date Data Arrived at EDR: 10/12/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 27

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 12/15/2017  
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.

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:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

### 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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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:

### 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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

### 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: 90

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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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

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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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:

### 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: Division 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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 10/25/2017	Telephone: 805-654-2813
Date Made Active in Reports: 12/07/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 43	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	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 12/26/2017
Number of Days to Update: 49	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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 11/08/2017
Number of Days to Update: 37	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	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/25/2017	Telephone: 805-654-2813
Date Made Active in Reports: 12/07/2017	Last EDR Contact: 01/22/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/07/2018
	Data Release Frequency: Quarterly

## 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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017  
Date Data Arrived at EDR: 11/10/2017  
Date Made Active in Reports: 11/16/2017  
Number of Days to Update: 6

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 10/25/2017  
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  
Date Data Arrived at EDR: 11/14/2017  
Date Made Active in Reports: 12/18/2017  
Number of Days to Update: 34

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/14/2017  
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  
Date Data Arrived at EDR: 04/11/2017  
Date Made Active in Reports: 07/27/2017  
Number of Days to Update: 107

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/05/2018  
Next Scheduled EDR Contact: 04/23/2018  
Data Release Frequency: Annually

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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.

## 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



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

CANTERWOOD PROJECT  
HOLLAND ROD. EAST OF BRIGGS RD.  
MENIFEE, CA 92584

### TARGET PROPERTY COORDINATES

Latitude (North): 33.666606 - 33° 39' 59.78"  
Longitude (West): 117.125297 - 117° 7' 31.07"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 488383.8  
UTM Y (Meters): 3725004.5  
Elevation: 1438 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 5640944 WINCHESTER, CA  
Version Date: 2012

Southeast Map: 5640928 BACHELOR MOUNTAIN, CA  
Version Date: 2012

Southwest Map: 5641304 MURRIETA, CA  
Version Date: 2012

West Map: 5641314 ROMOLAND, 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).

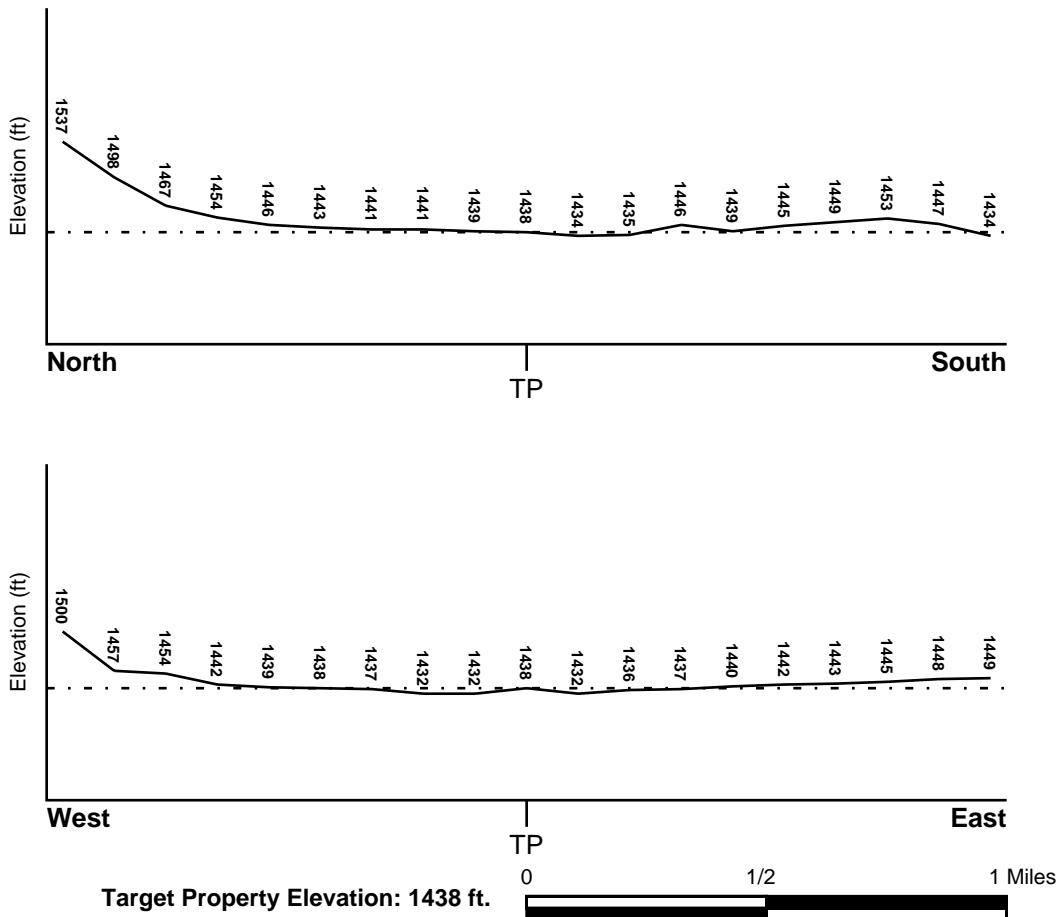
## TOPOGRAPHIC INFORMATION

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 SW

## 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>
0602452125B	FEMA Q3 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**

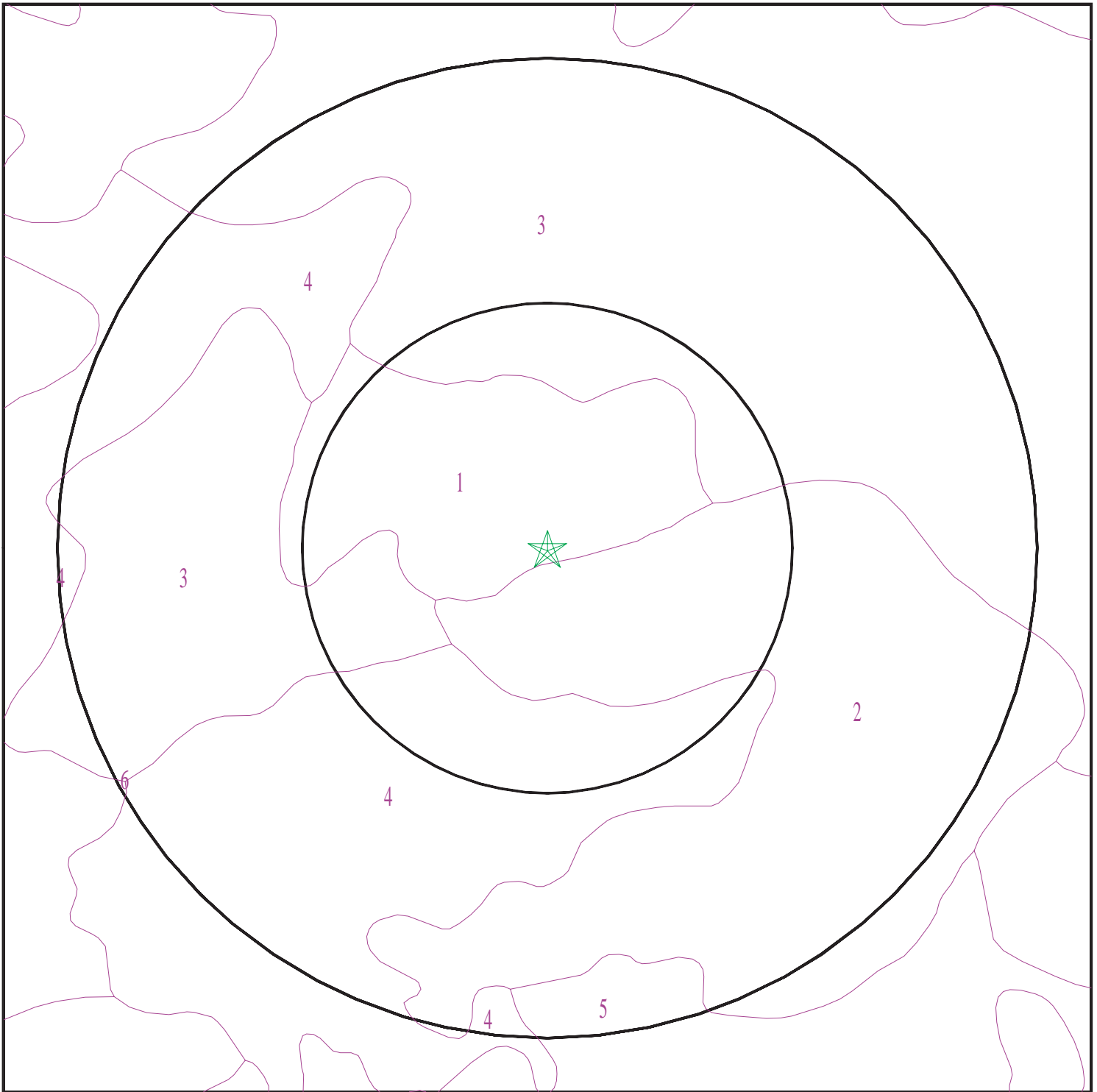
Era: Mesozoic  
System: Cretaceous  
Series: Cretaceous granitic rocks  
Code: Kg *(decoded above as Era, System & Series)*

#### **GEOLOGIC AGE IDENTIFICATION**

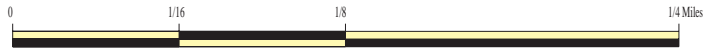
Category: Plutonic and Intrusive Rocks

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 - 5167488.2s



- ★ Target Property
- ~ SSURGO Soil
- ~ Water



SITE NAME: Canterwood Project  
ADDRESS: Holland Rod. East of Briggs Rd.  
Menifee CA 92584  
LAT/LONG: 33.666606 / 117.125297

CLIENT: RMA Geoscience  
CONTACT: Martha Sgriccia  
INQUIRY #: 5167488.2s  
DATE: January 24, 2018 3:24 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 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

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: 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: 14 Min: 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: fine 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: Moderately 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	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 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: 8.4 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: 8.4 Min: 7.9

### Soil Map ID: 3

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



## 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	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

### Soil Map ID: 4

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: 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	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: 8.4 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 Soils.	Max: 1.4 Min: 0.42	Max: 8.4 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.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

### Soil Map ID: 5

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
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	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.6
3	24 inches	29 inches	weathered bedrock	Not reported	Not reported	Max: 0.42 Min: 0	Max: Min:

**Soil Map ID: 6**

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: 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 Soils.	Max: 14 Min: 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.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

### LOCAL / REGIONAL WATER AGENCY RECORDS

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

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	USGS40000136535	1/4 - 1/2 Mile NNE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000136519	1/4 - 1/2 Mile NE
5	USGS40000136609	1/2 - 1 Mile NNE
B7	USGS40000136397	1/2 - 1 Mile SSE
B8	USGS40000136395	1/2 - 1 Mile SSE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

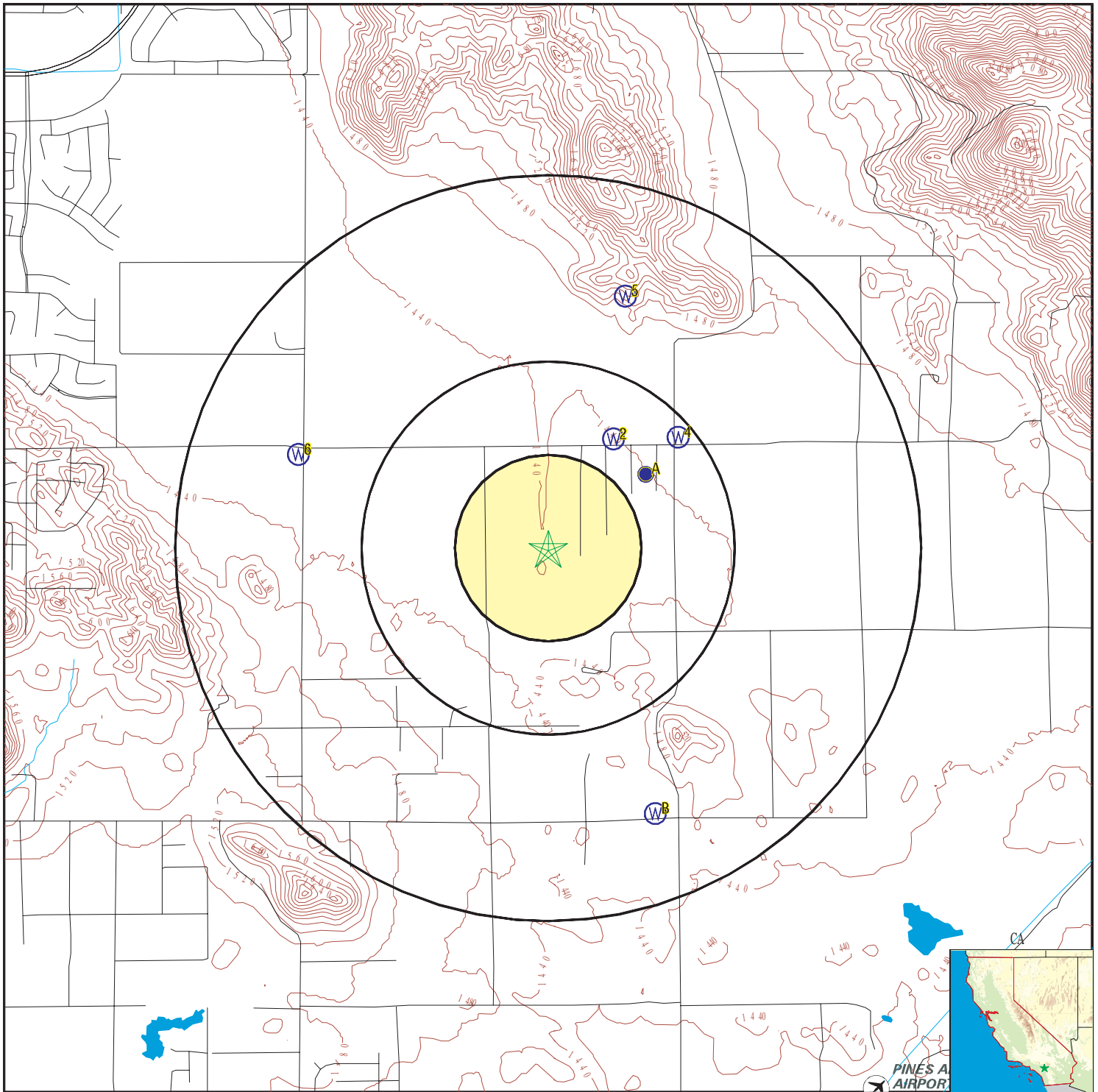
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

## STATE DATABASE WELL INFORMATION

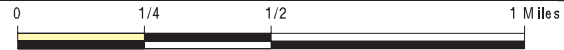
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CADW60000021868	1/4 - 1/2 Mile NE
4	CADW60000006173	1/4 - 1/2 Mile NE
6	CADW60000006217	1/2 - 1 Mile WNW

# PHYSICAL SETTING SOURCE MAP - 5167488.2s



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

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



SITE NAME: Canterwood Project  
 ADDRESS: Holland Rod. East of Briggs Rd.  
 Menifee CA 92584  
 LAT/LONG: 33.666606 / 117.125297

CLIENT: RMA Geoscience  
 CONTACT: Martha Sgriccia  
 INQUIRY #: 5167488.2s  
 DATE: January 24, 2018 3:24 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**NE**  
**1/4 - 1/2 Mile**  
**Higher**

**CA WELLS      CADW60000021868**

Objectid:            21868  
 Latitude:            33.6695  
 Longitude:           -117.1212  
 Site code:            336695N1171212W001  
 State well numbe:    06S02W07A001S  
 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:               CADW60000021868

**2**  
**NNE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000136535**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334015117071701		
Monloc name:	006S002W05N002S		
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:	33.670856
Longitude:	-117.1222529	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A3**  
**NE**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000136519**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334010117071001		
Monloc name:	006S002W07A001S		
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:	33.6694671
Longitude:	-117.1203084	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1443.00
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		
Aquifer type:	Not Reported		
Construction date:	Not Reported		
Welldepth units:	ft	Welldepth:	300
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 1

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

1993-07-20 61.88

Note: The site was being pumped.

**4**  
**NE**  
**1/4 - 1/2 Mile**  
**Higher**

**CA WELLS      CADW60000006173**

Objectid:	6173
Latitude:	33.670923
Longitude:	-117.119243
Site code:	336709N1171192W001
State well numbe:	Not Reported
Local well name:	'EMWD11175'
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:	CADW60000006173

**5**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000136609**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334035117081501		
Monloc name:	006S003W01J001S		
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:	33.6764113
Longitude:	-117.1216973	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	299
Welldepth units:	ft	Wellholedepth:	299
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

**6**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

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

**B7**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000136397**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333923117070901		
Monloc name:	006S002W07R002S		
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:	33.656412
Longitude:	-117.1200305	Sourcemap scale:	24000

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1442
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:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	300
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1993-07-20	19.47	

Note: The site had been pumped recently.

**B8**  
**SSE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000136395**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-333922117071101		
Monloc name:	006S002W07R001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070302	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6561342
Longitude:	-117.1205861	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	1445.00
Vert measure units:	feet	Vertacc measure val:	20
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Other aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	27
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1968-01-01	21.00	

1968-01-01    21.00

# 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.

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### 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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

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

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### 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



## **Canterwood Project**

Holland Rod. East of Briggs Rd.

Menifee, CA 92584

Inquiry Number: 5167488.10

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](http://www.edrnet.com)



**Site Name:**

Canterwood Project  
Holland Rod. East of Briggs Rc  
Menifee, CA 92584  
EDR Inquiry # 5167488.10

**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>
2012	1"=1000'	Flight Year: 2012	USDA/NAIP
2010	1"=1000'	Flight Year: 2010	USDA/NAIP
2009	1"=1000'	Flight Year: 2009	USDA/NAIP
2006	1"=1000'	Flight Year: 2006	USDA/NAIP
2005	1"=1000'	Flight Year: 2005	USDA/NAIP
2002	1"=1000'	Acquisition Date: May 22, 2002	USGS/DOQQ
1996	1"=1000'	Flight Date: September 30, 1996	USGS
1989	1"=1000'	Flight Date: August 15, 1989	USDA
1985	1"=1000'	Flight Date: July 28, 1985	USDA
1978	1"=1000'	Flight Date: September 20, 1978	USDA
1967	1"=1000'	Flight Date: May 09, 1967	USDA
1961	1"=1000'	Flight Date: October 02, 1961	USDA
1953	1"=1000'	Flight Date: August 28, 1953	USDA
1949	1"=1000'	Flight Date: May 23, 1949	USDA
1938	1"=1000'	Flight Date: June 14, 1938	USDA

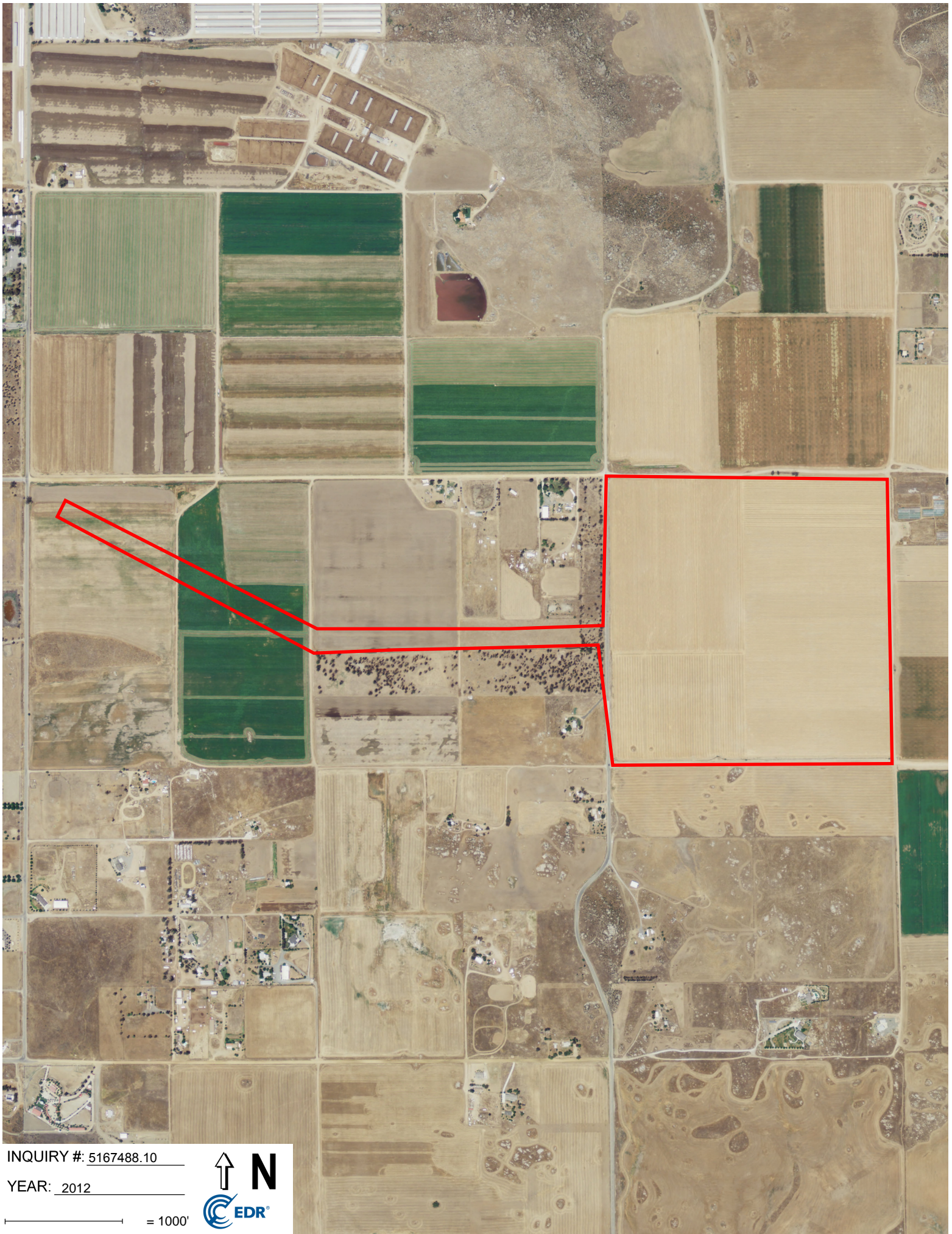
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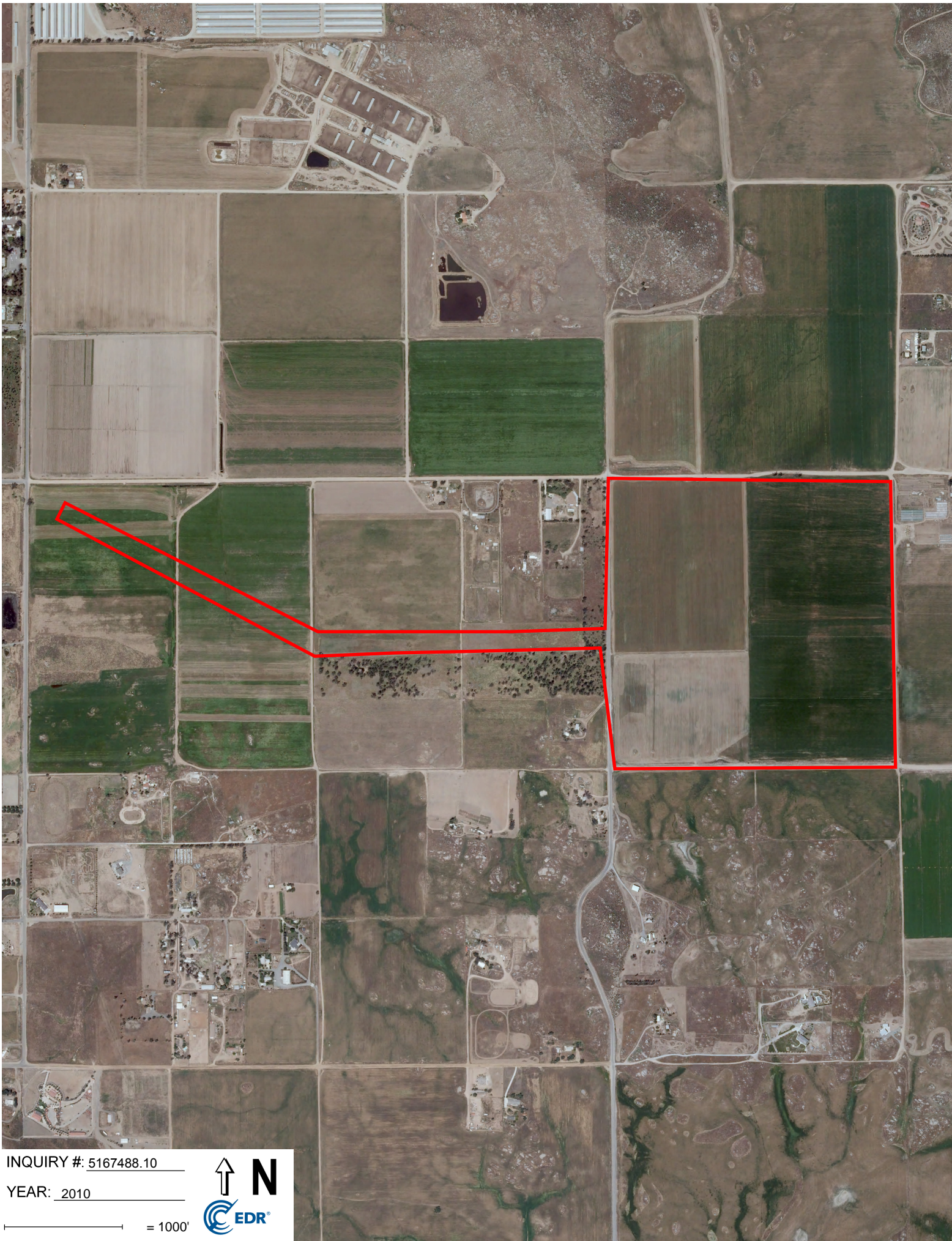


INQUIRY #: 5167488.10

YEAR: 2012

— = 1000'



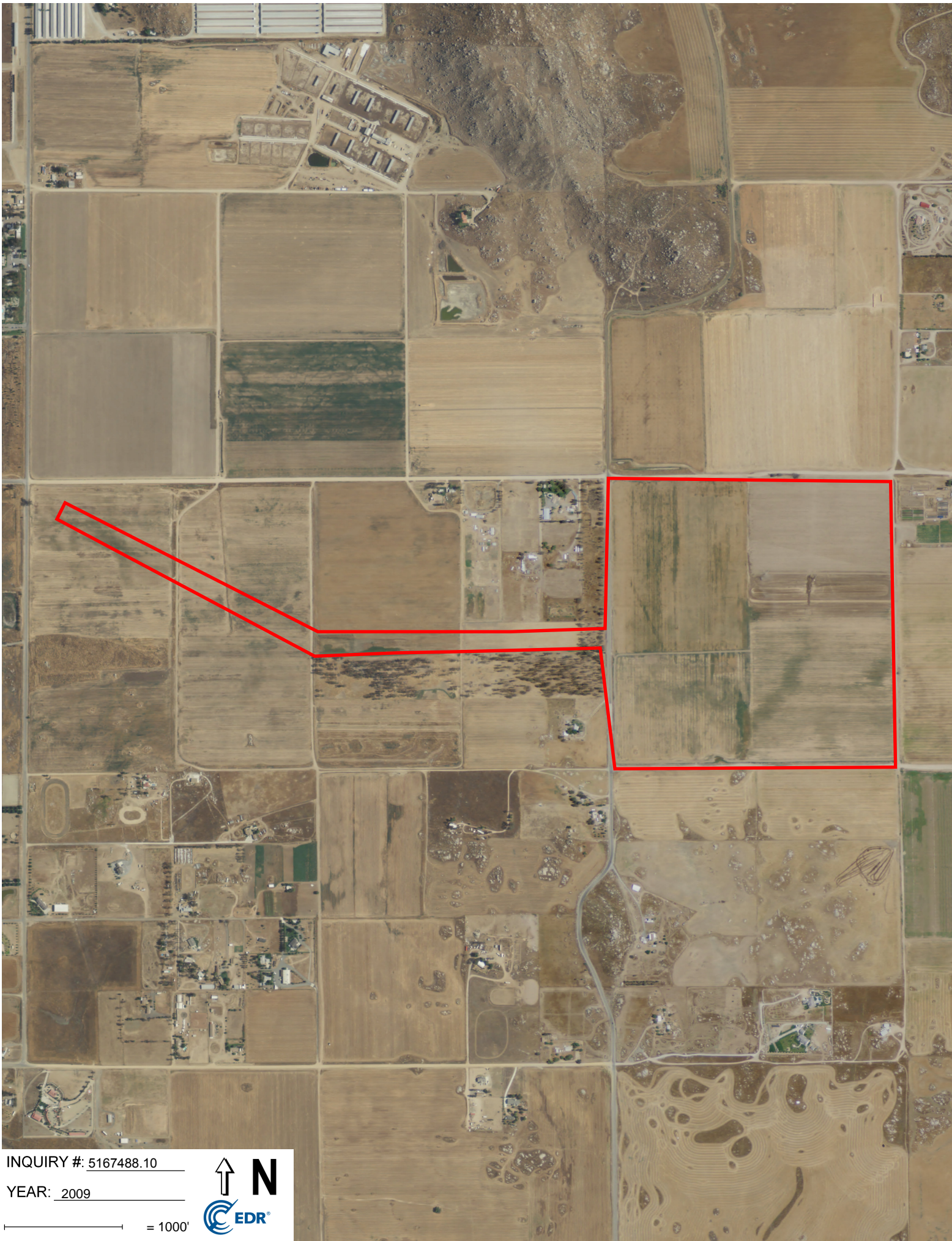


INQUIRY #: 5167488.10

YEAR: 2010

— = 1000'



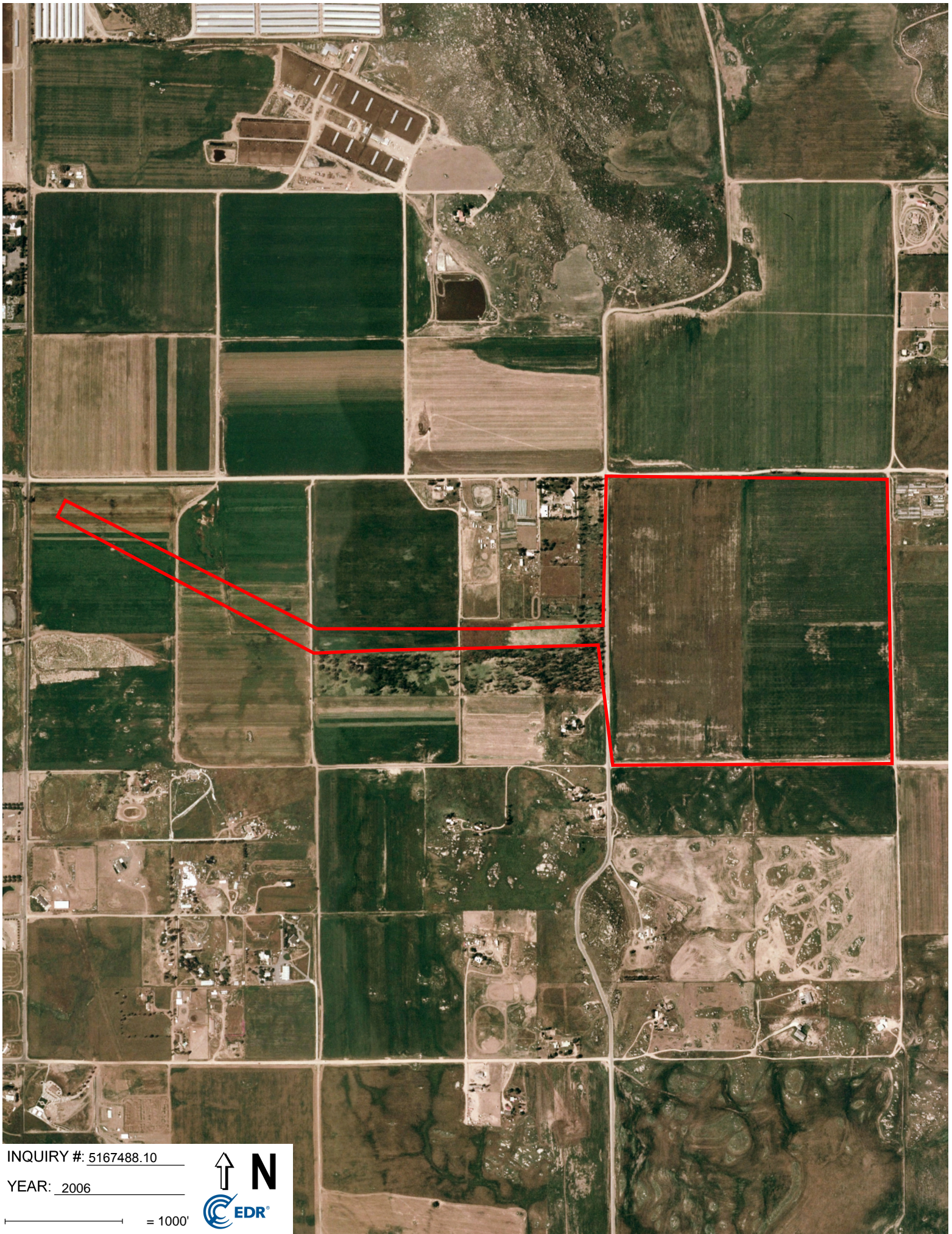


INQUIRY #: 5167488.10

YEAR: 2009

— = 1000'



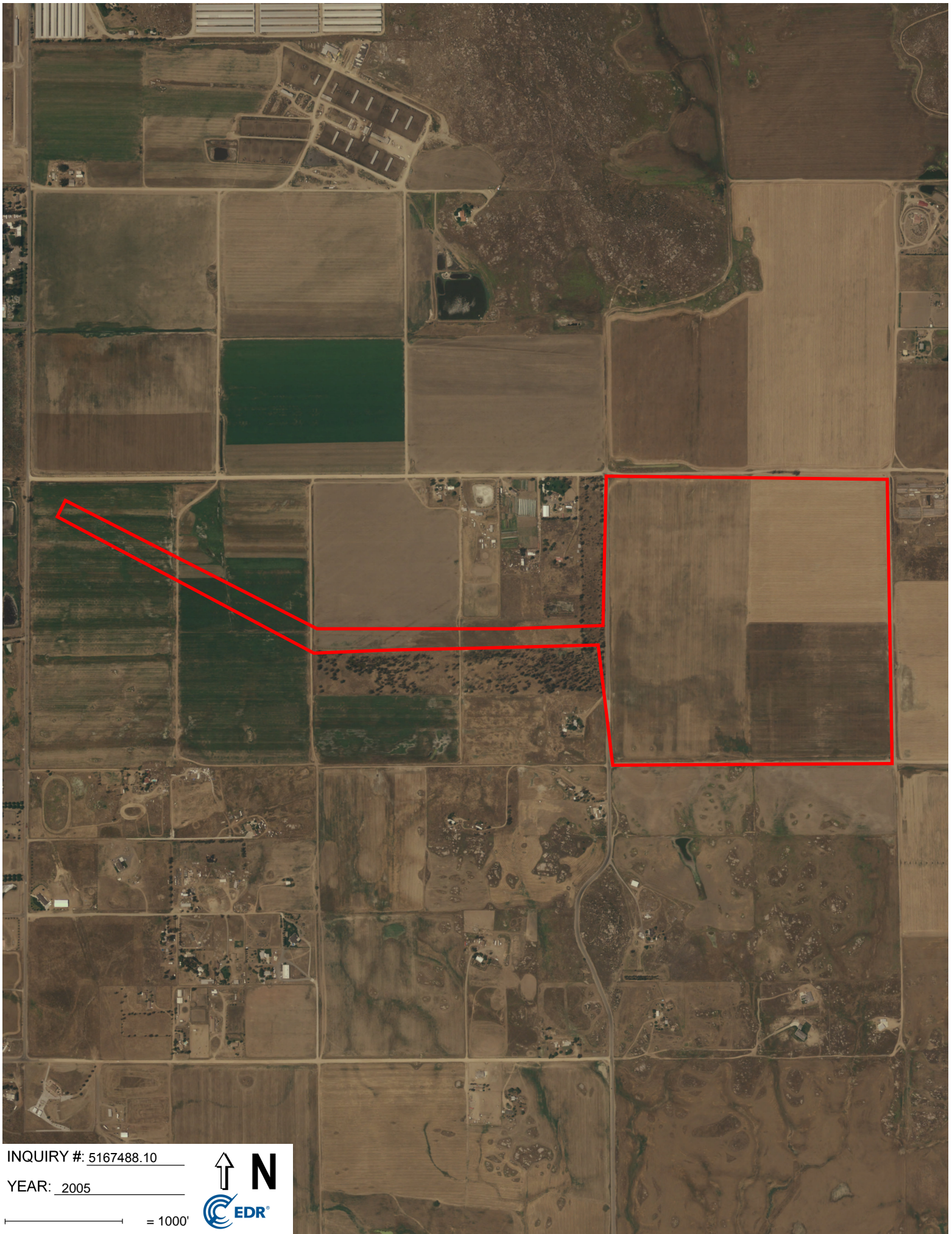


INQUIRY #: 5167488.10

YEAR: 2006

— = 1000'



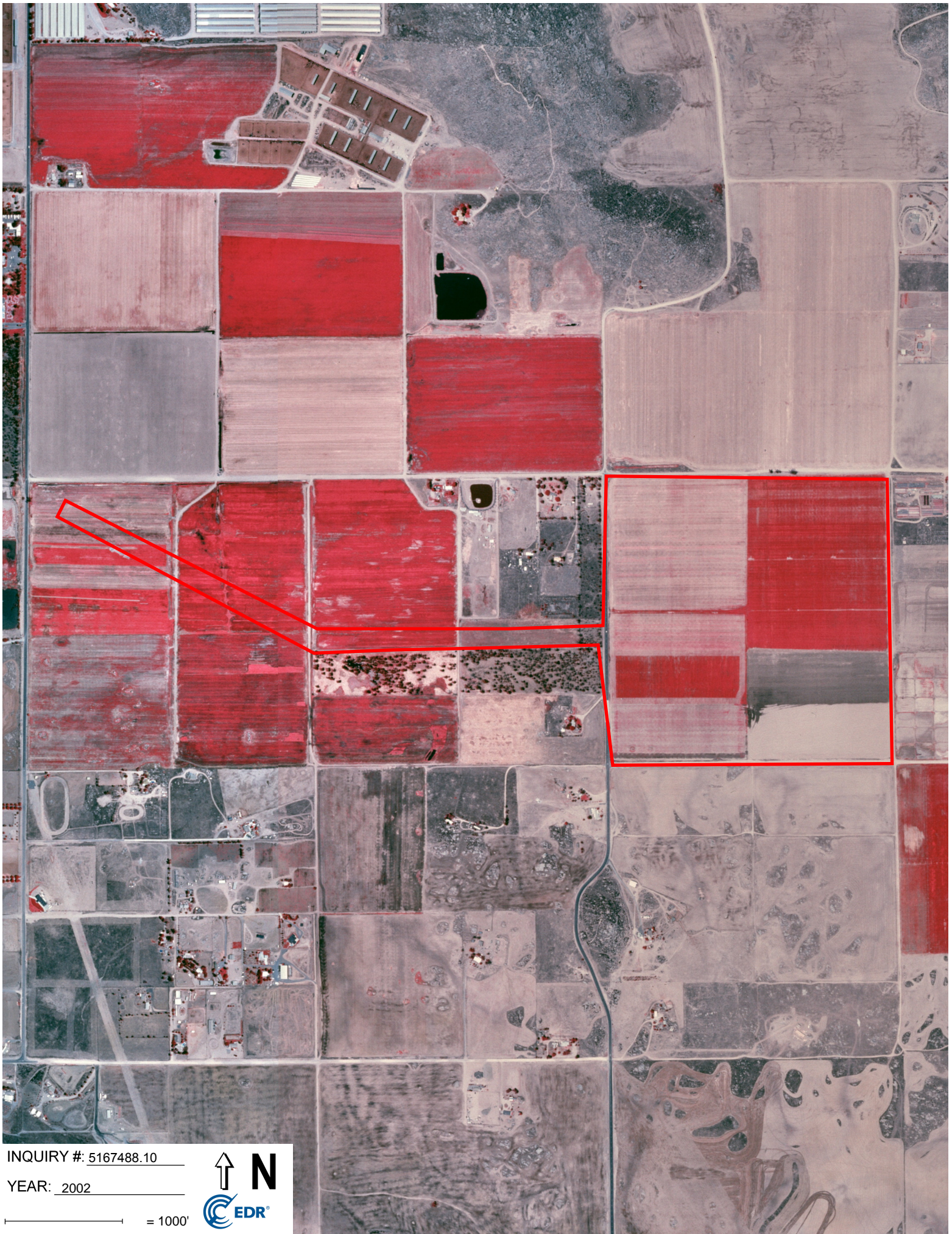


INQUIRY #: 5167488.10

YEAR: 2005

— = 1000'



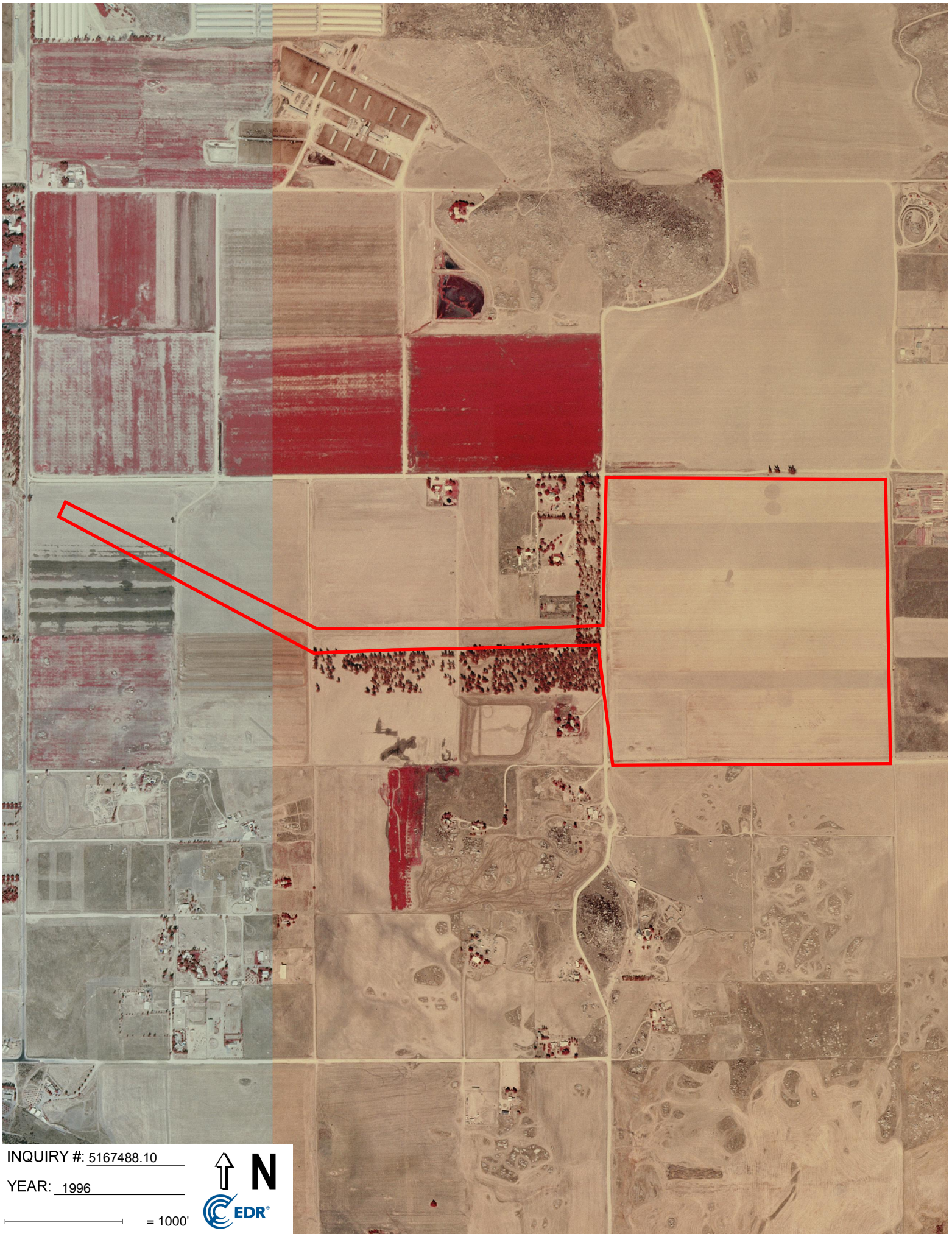


INQUIRY #: 5167488.10

YEAR: 2002

\_\_\_\_\_ = 1000'





INQUIRY #: 5167488.10

YEAR: 1996

1" = 1000'





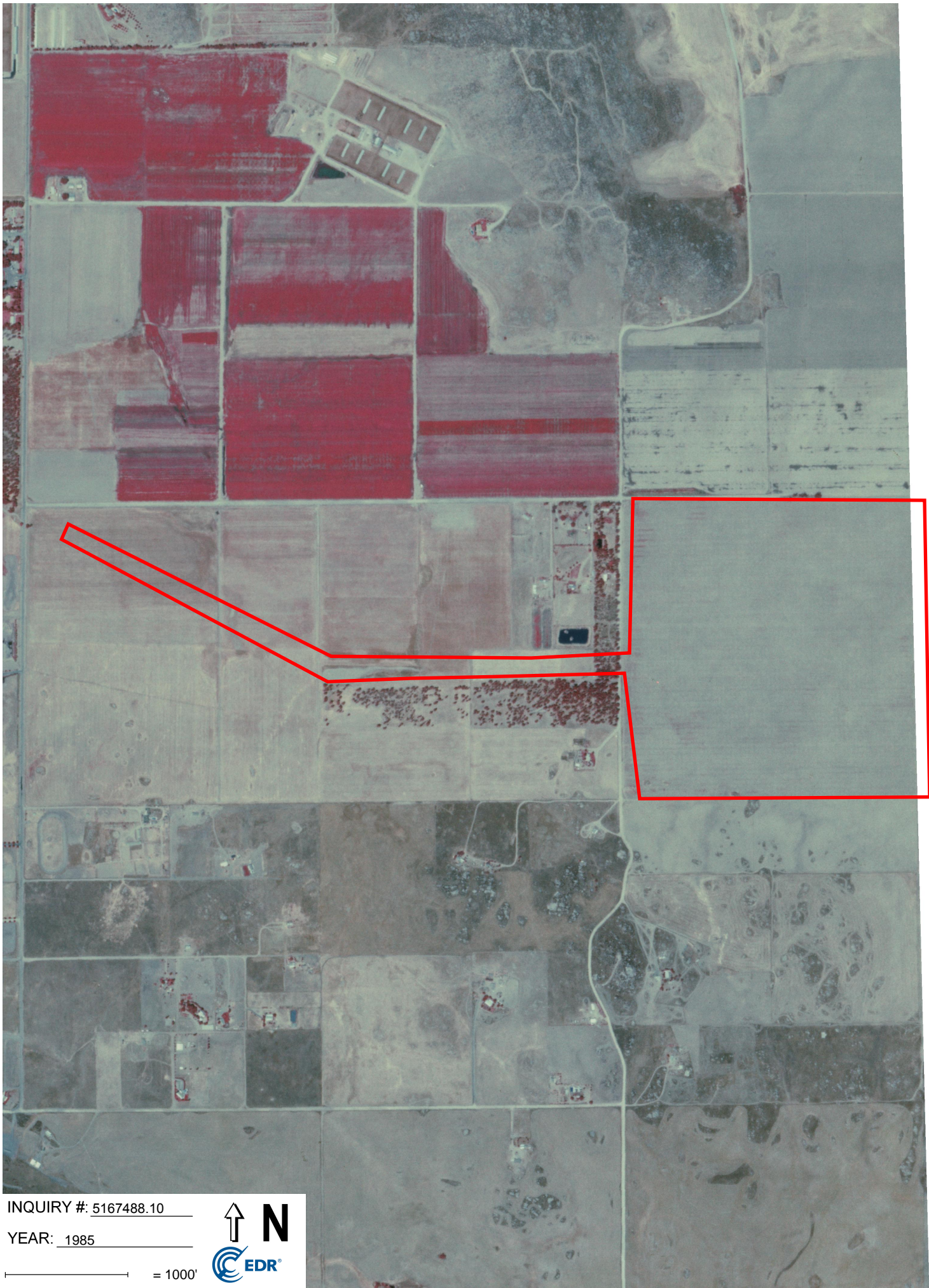


INQUIRY #: 5167488.10

YEAR: 1989

— = 1000'





INQUIRY # 5167488.10

YEAR: 1985

— = 1000'



USDA

16

06065

278-№

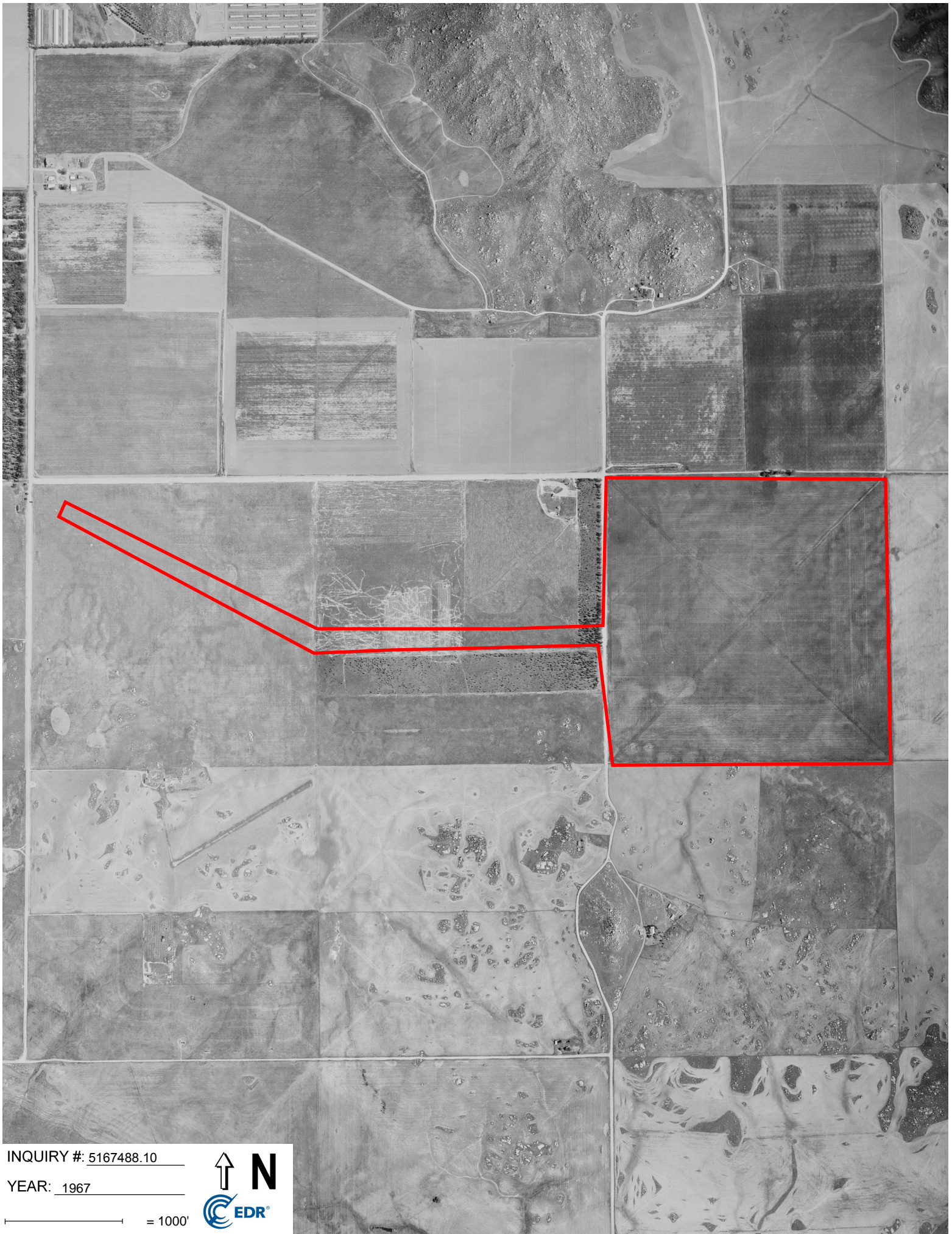


INQUIRY #: 5167488.10

YEAR: 1978

— = 1000'



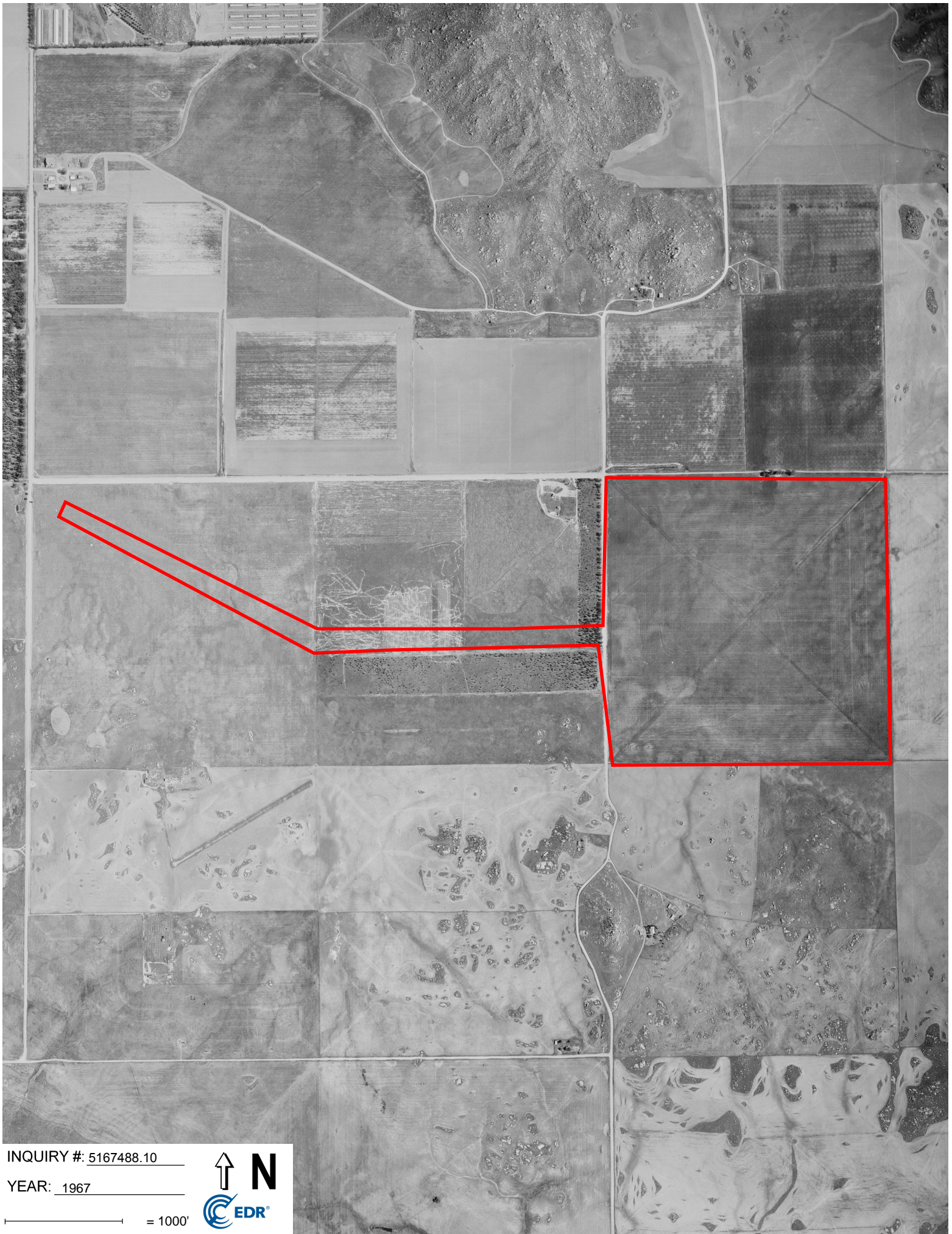


INQUIRY #: 5167488.10

YEAR: 1967

— = 1000'





INQUIRY #: 5167488.10


YEAR: 1967

— = 1000'





## TOPOGRAPHIC MAPS



Canterwood Project  
Holland Rod. East of Briggs Rd.  
Menifee, CA 92584

Inquiry Number: 5167488.4

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](http://www.edrnet.com)

# EDR Historical Topo Map Report

01/24/18

**Site Name:**

Canterwood Project  
Holland Rod. East of Briggs Rc  
Menifee, CA 92584  
EDR Inquiry # 5167488.4

**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:**

<b>P.O.#</b>	18G-0307	<b>Latitude:</b>	33.666606 33° 40' 0" North
<b>Project:</b>	Canterwood Project	<b>Longitude:</b>	-117.125297 -117° 7' 31" West
		<b>UTM Zone:</b>	Zone 11 North
		<b>UTM X Meters:</b>	488384.08
		<b>UTM Y Meters:</b>	3725197.95
		<b>Elevation:</b>	1437.21' above sea level

**Maps Provided:**

2012  
1979  
1973  
1953  
1947  
1943  
1942  
1901

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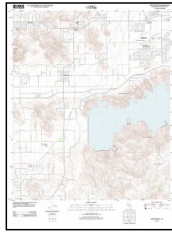
## Topo Sheet Key

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

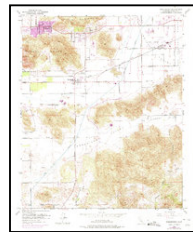


Winchester  
1979  
7.5-minute, 24000  
Aerial Photo Revised 1976

### 1973 Source Sheets

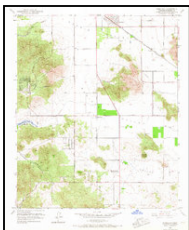


Romoland  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973

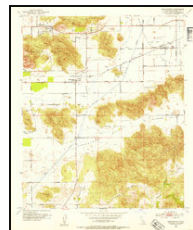


Winchester  
1973  
7.5-minute, 24000  
Aerial Photo Revised 1973

### 1953 Source Sheets



Romoland  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1951

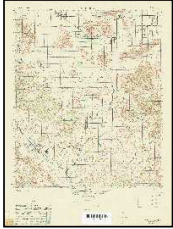


Winchester  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1951

## **Topo Sheet Key**

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

### **1947 Source Sheets**



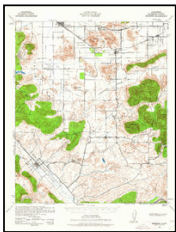
MURRIETA  
1947  
15-minute, 50000

### **1943 Source Sheets**



Murrieta  
1943  
15-minute, 62500  
Aerial Photo Revised 1939

### **1942 Source Sheets**

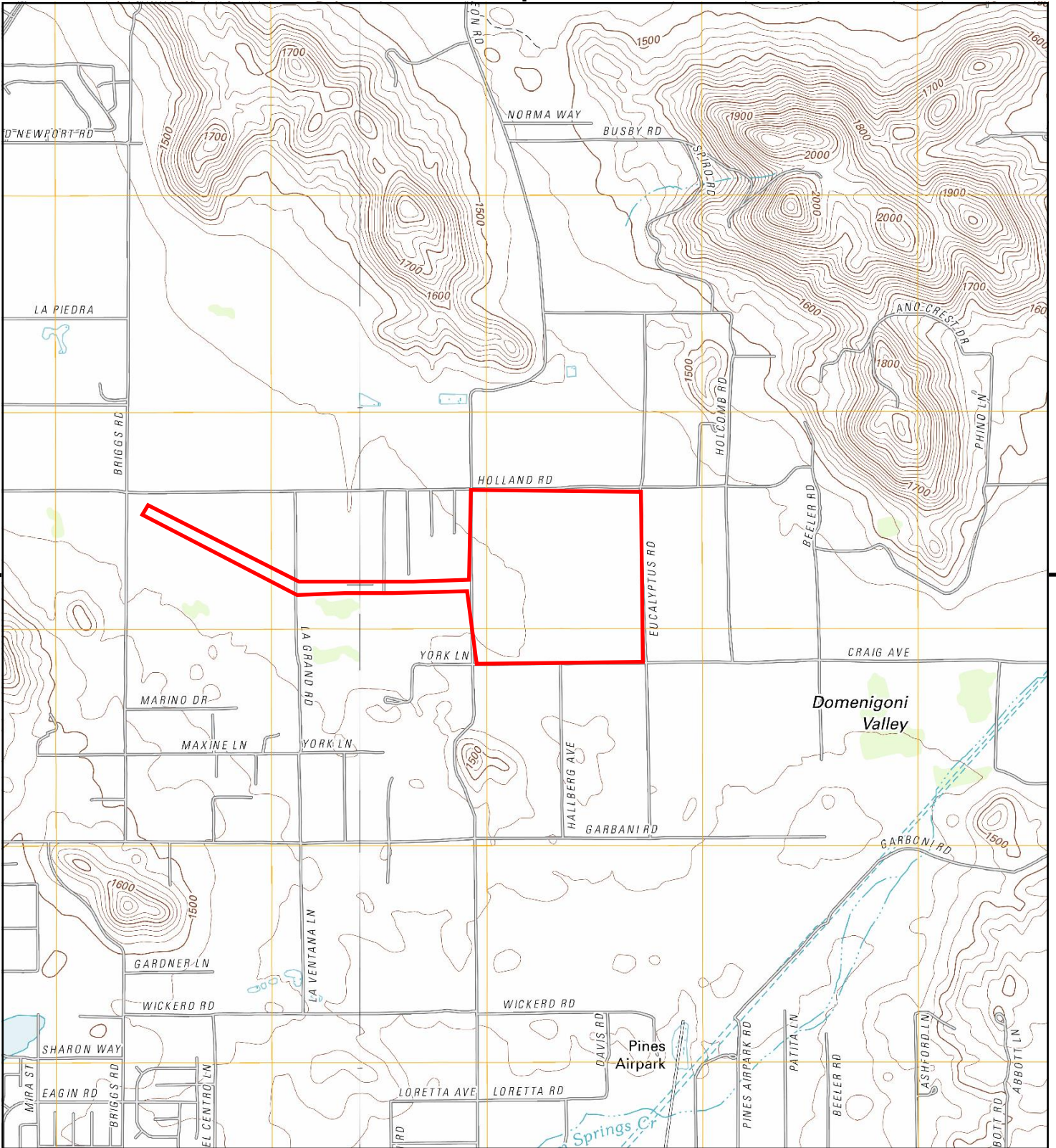


Murrieta  
1942  
15-minute, 62500  
Aerial Photo Revised 1939

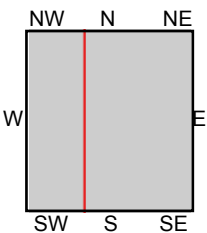
### **1901 Source Sheets**



Elsinore  
1901  
30-minute, 125000



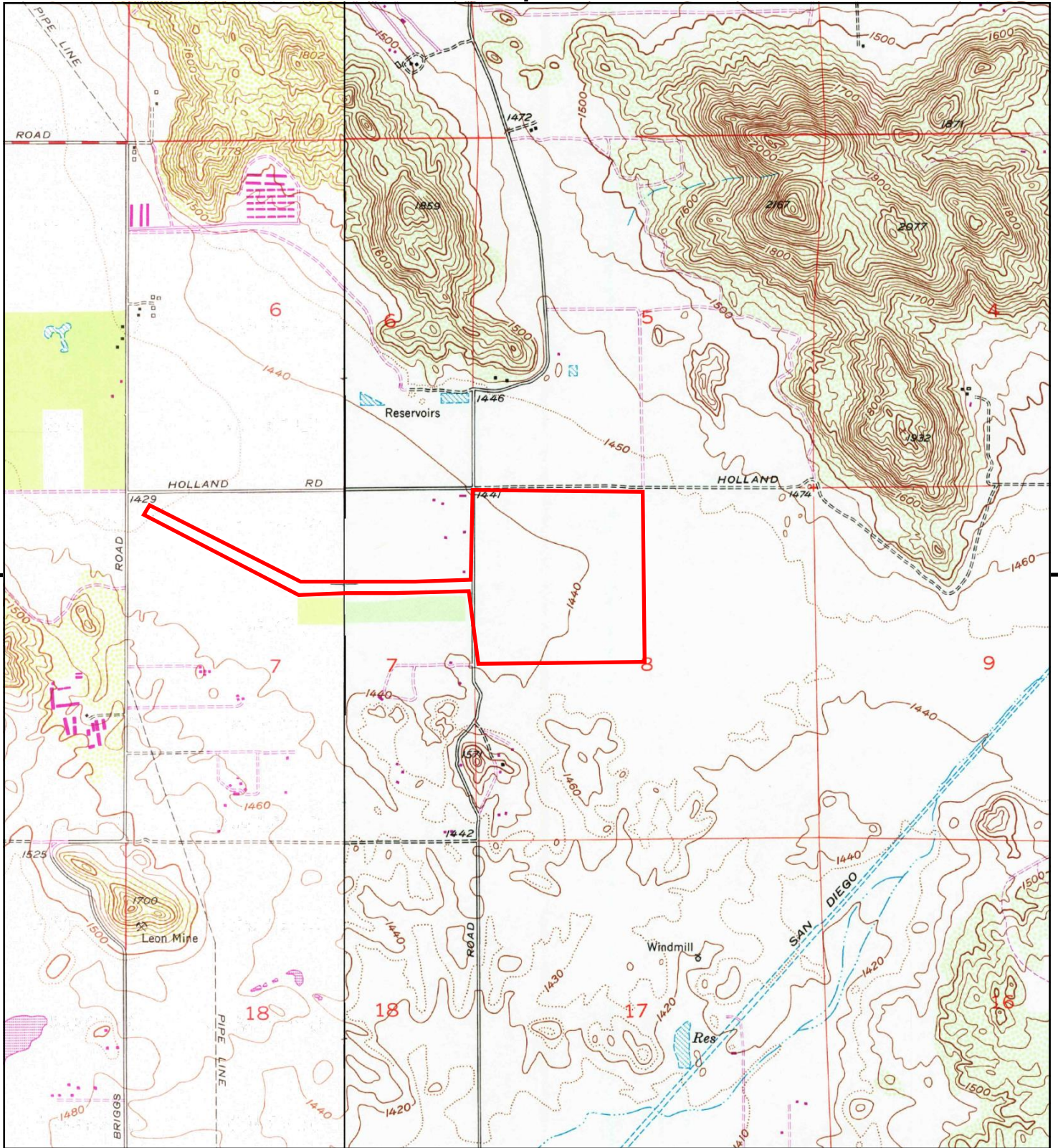
This report includes information from the following map sheet(s).



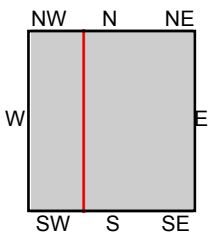
TP, Winchester, 2012, 7.5-minute  
 W, Romoland, 2012, 7.5-minute

**SITE NAME:** Canterwood Project  
**ADDRESS:** Holland Rod. East of Briggs Rd.  
 Menifee, CA 92584  
**CLIENT:** RMA Geoscience





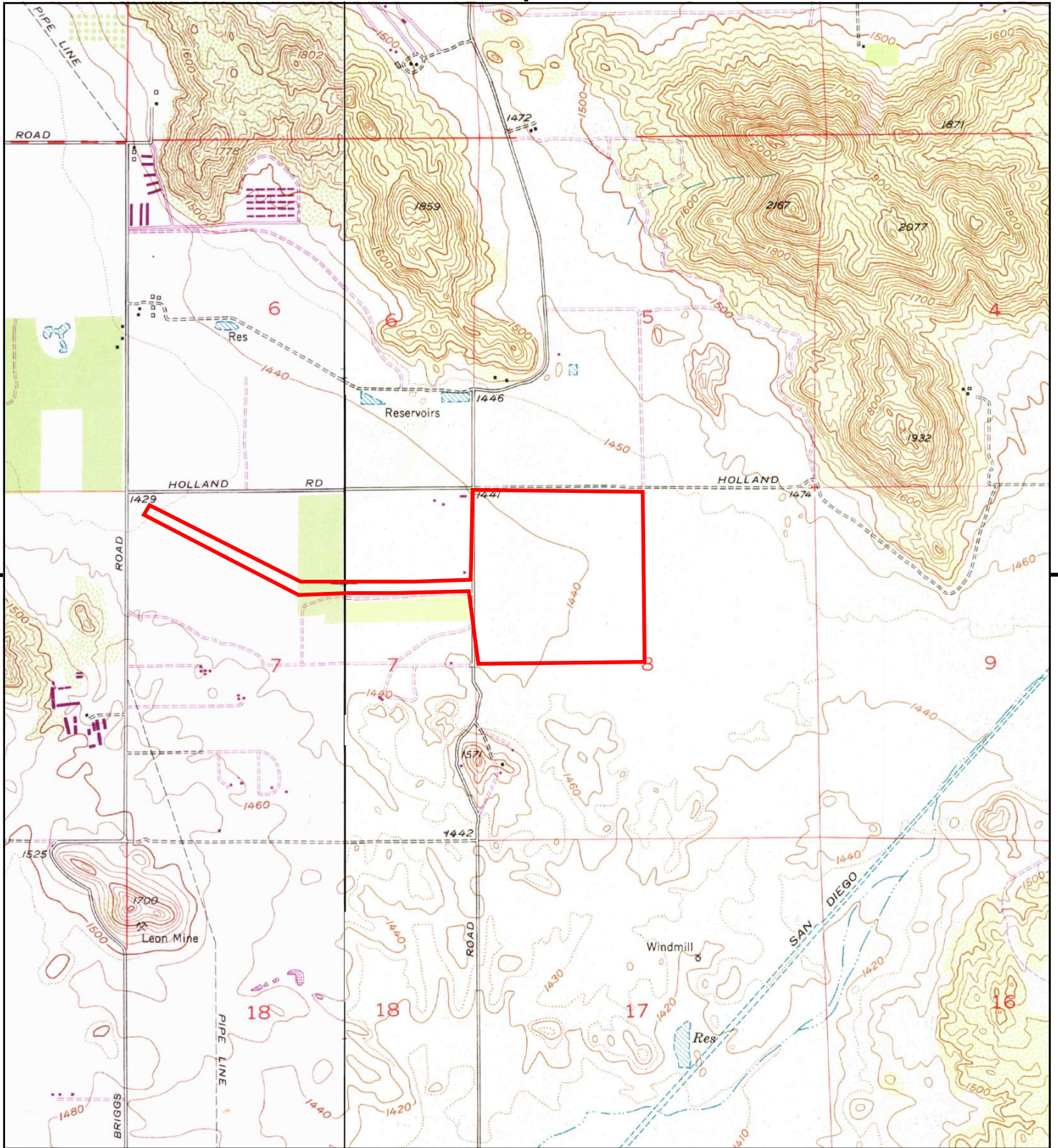
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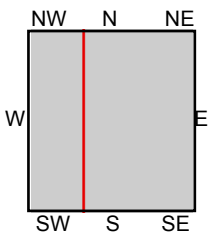
TP, Winchester, 1979, 7.5-minute  
W, Romoland, 1979, 7.5-minute

**SITE NAME:** Canterwood Project  
**ADDRESS:** Holland Rod. East of Briggs Rd.  
Menifee, CA 92584  
**CLIENT:** RMA Geoscience





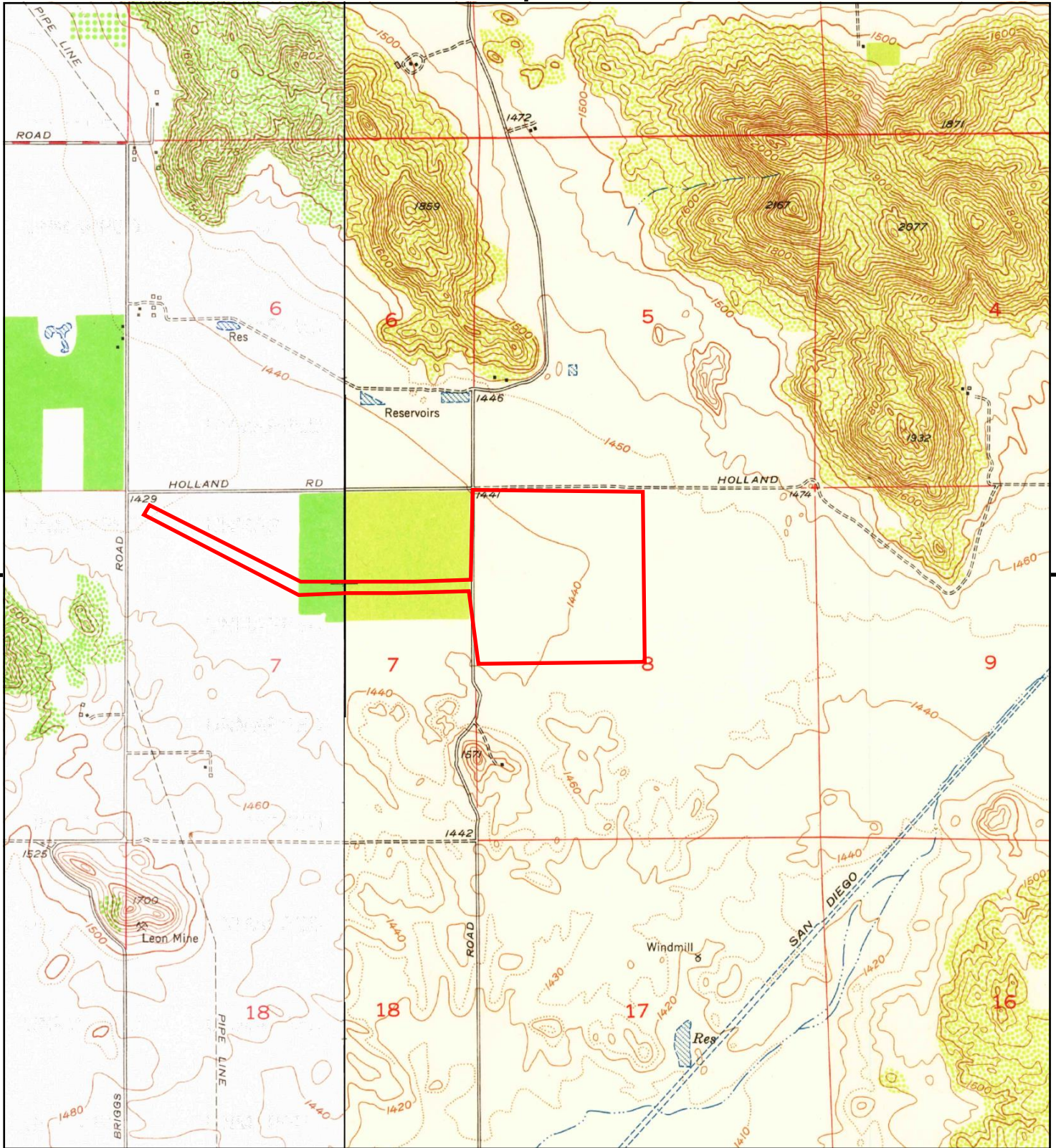
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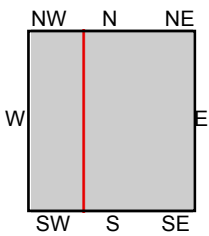
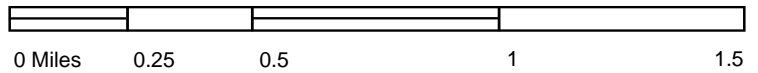
TP, Winchester, 1973, 7.5-minute  
W, Romoland, 1973, 7.5-minute

**SITE NAME:** Canterwood Project  
**ADDRESS:** Holland Rod. East of Briggs Rd.  
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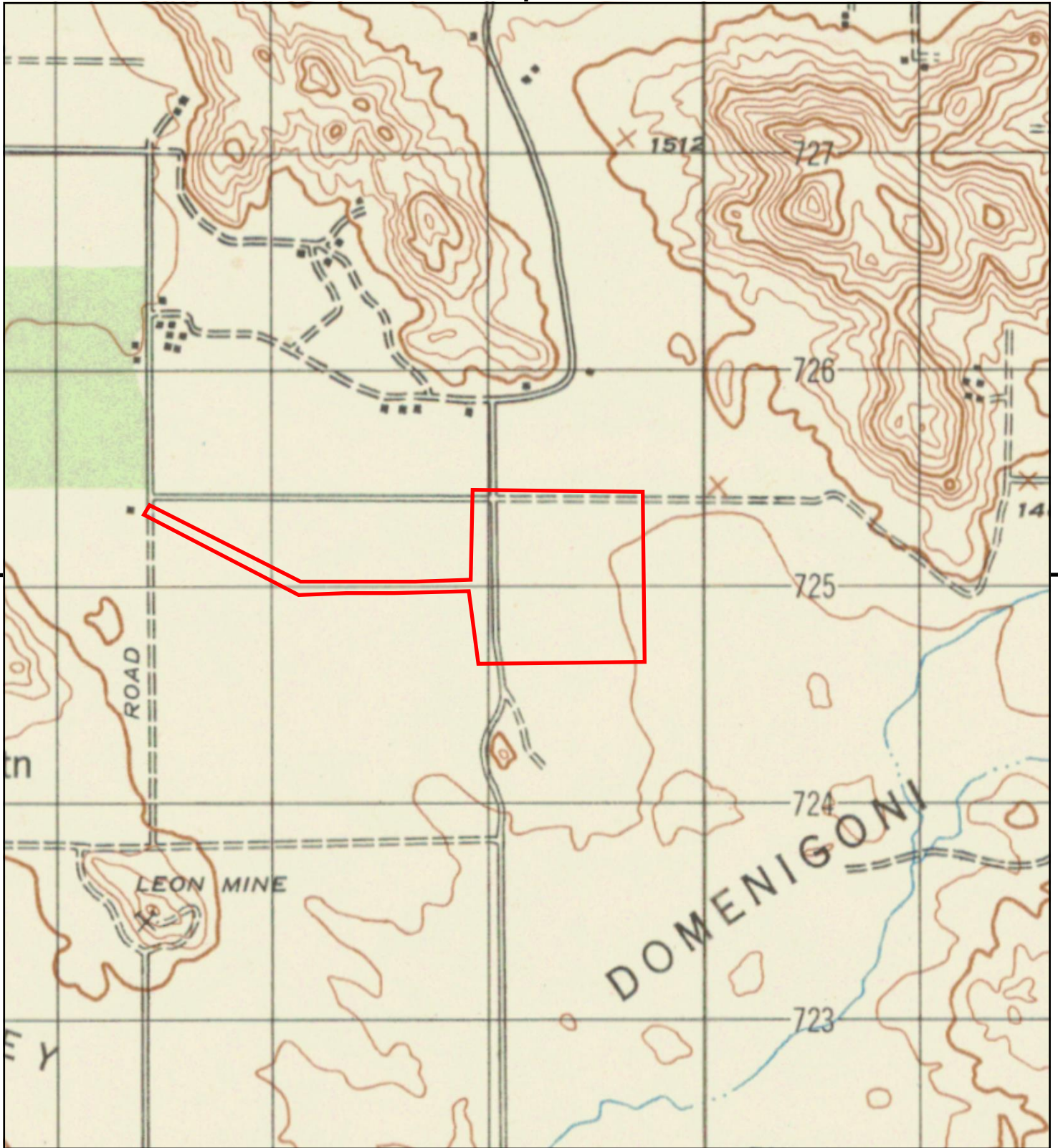
This report includes information from the following map sheet(s).



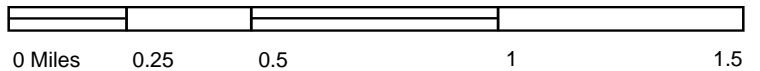
TP, Winchester, 1953, 7.5-minute  
W, Romoland, 1953, 7.5-minute

**SITE NAME:** Canterwood Project  
**ADDRESS:** Holland Rod. East of Briggs Rd.  
Menifee, CA 92584  
**CLIENT:** RMA Geoscience





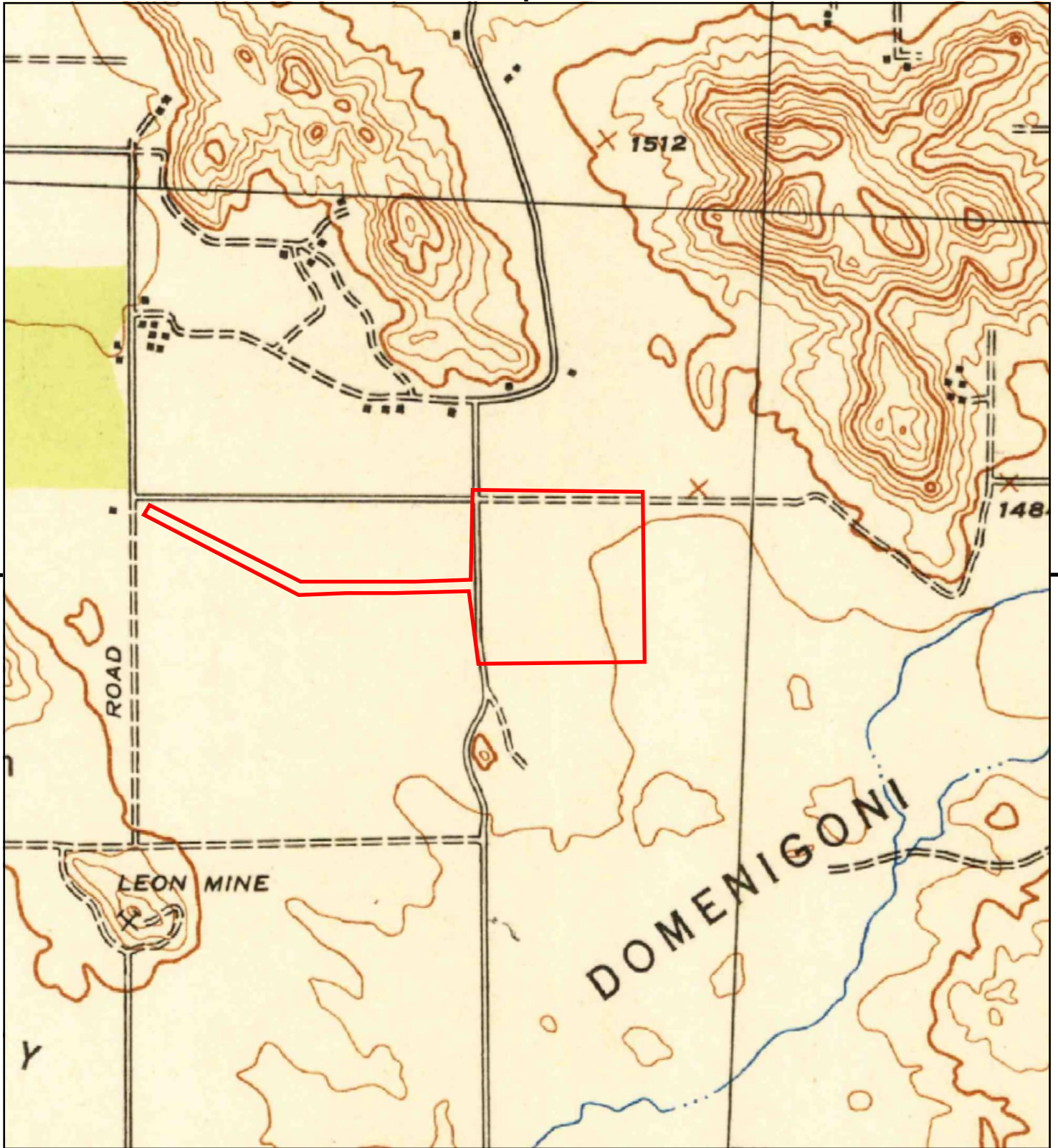
This report includes information from the following map sheet(s).



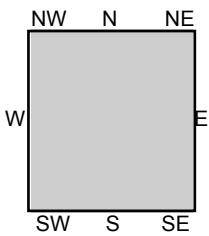
TP, MURRIETA, 1947, 15-minute

SITE NAME: Canterwood Project  
ADDRESS: Holland Rod. East of Briggs Rd.  
Menifee, CA 92584  
CLIENT: RMA Geoscience





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

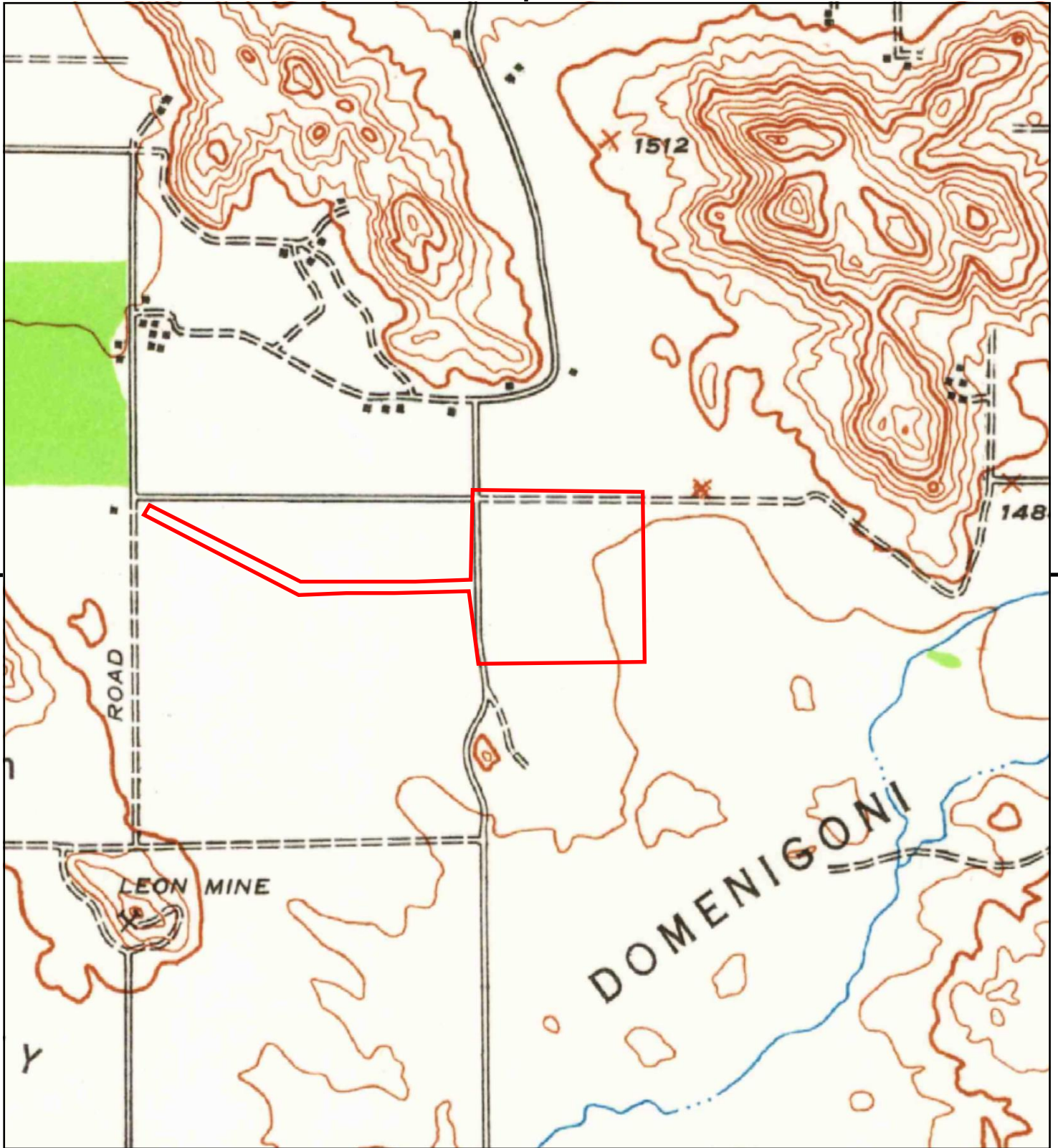


TP, Murrieta, 1943, 15-minute

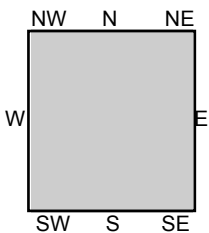
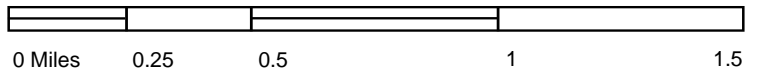
SITE NAME: Canterwood Project  
ADDRESS: Holland Rod. East of Briggs Rd.  
Menifee, CA 92584  
CLIENT: RMA Geoscience







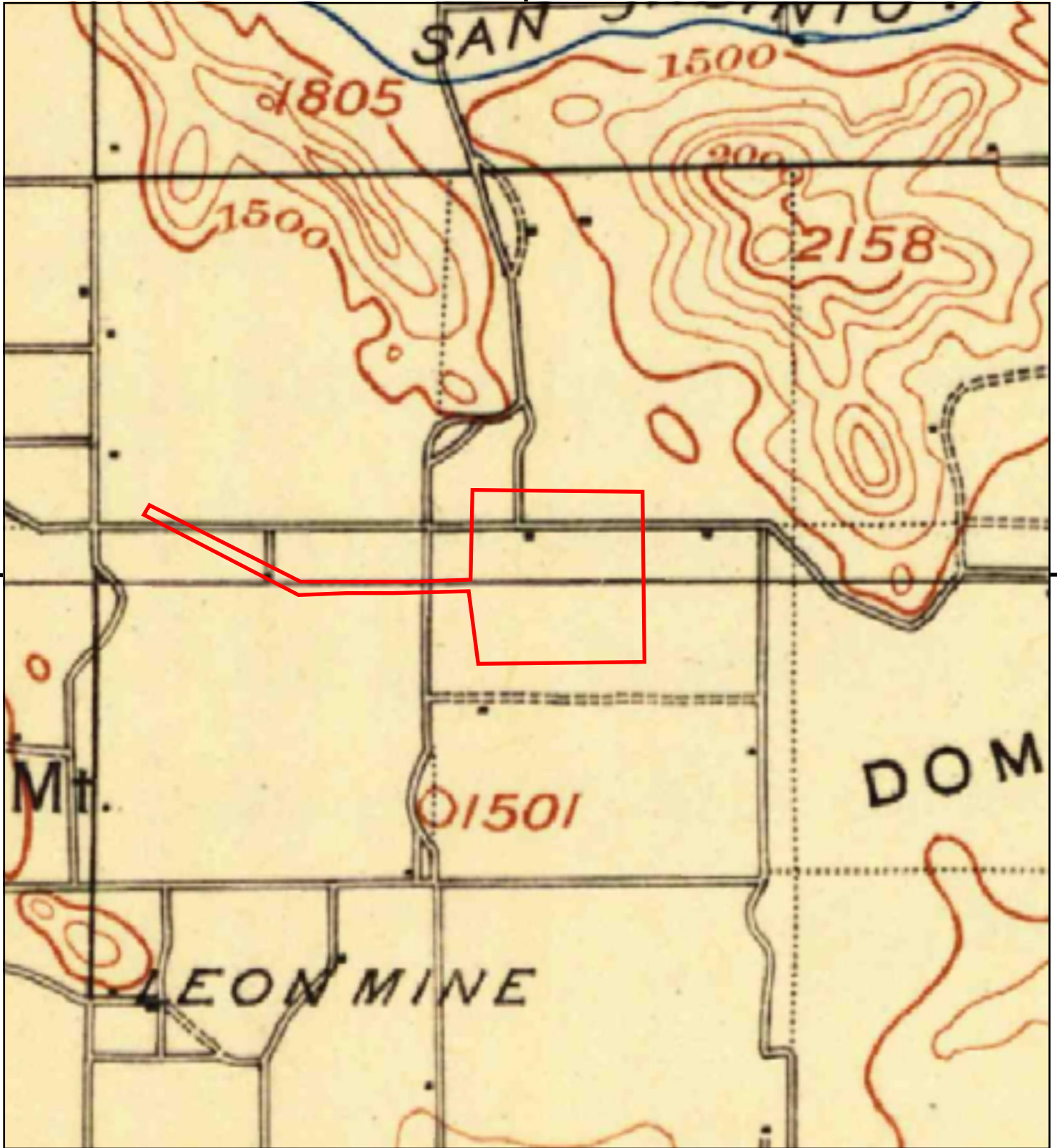
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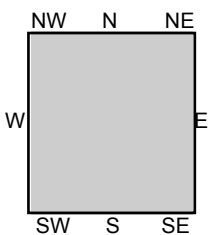
TP, Murrieta, 1942, 15-minute

SITE NAME: Canterwood Project  
ADDRESS: Holland Rod. East of Briggs Rd.  
Menifee, CA 92584  
CLIENT: RMA Geoscience





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




TP, Elsinore, 1901, 30-minute

SITE NAME: Canterwood Project  
ADDRESS: Holland Rod. East of Briggs Rd.  
Menifee, CA 92584  
CLIENT: RMA Geoscience





## SANBORN REPORT



Canterwood Project

Holland Rod. East of Briggs Rd.

Menifee, CA 92584

Inquiry Number: 5167488.3

January 24, 2018

## Certified Sanborn® Map Report



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

# Certified Sanborn® Map Report

01/24/18

**Site Name:**

Canterwood Project  
Holland Rod. East of Briggs Rd  
Menifee, CA 92584  
EDR Inquiry # 5167488.3

**Client Name:**

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



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## Certified Sanborn Results:

**Certification #** A07B-4011-8E8D  
**PO #** 18G-0307  
**Project** Canterwood Project

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Sanborn® Library search results

Certification #: A07B-4011-8E8D

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## CITY DIRECTORY

**Canterwood Project**

Holland Rod. East of Briggs Rd.  
Menifee, CA 92584

Inquiry Number: 5167488.6  
January 26, 2018

# The EDR-City Directory Image Report

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### SECTION

Executive Summary

Findings

City Directory Images

*Thank you for your business.*  
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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 checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1990	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

# FINDINGS

## TARGET PROPERTY STREET

Holland Rod. East of Briggs Rd.  
Menifee, CA 92584

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

## HOLLAND RD

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

# FINDINGS

## CROSS STREETS

Year            CD Image            Source

### GOLDEN VALLEY 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

## **City Directory Images**

HOLLAND RD 2011

X

BRIGGS RD

30701	XXXX		00	
30835	XXXX		00	
30855	XXXX		00	
30901	● MEJIA Juan		00	7
	RUAN Delia	951-325- 5435		8
31509	XXXX		00	

X

EUCALYPTUS RD

31700	XXXX		00	
-------	------	--	----	--

X

HOLCOMB RD

31760	XXXX		00	
32309	XXXX		00	

X

EPIPLANEIA WAY

32490	○ KRAUS Graham	951-677- 6613		
	○ KRAUS Graham	951-926- 3434		
32500	XXXX		00	
32605	★ WINCHESTER CHEESE CO	951-926- 4239		3
32625	JENSEN Ryan	951-926- 0193		+0

X

PHINO LN

32750	★ STIEFEL DAIRY	951-926- 1247		
32760	XXXX		00	
32768	XXXX		00	
32782	XXXX		00	
33011	XXXX		00	

X

LEON RD

★ 2 BUS 17 RES 1 NEW

HOLLAND RD 2005

**X BRIGGS RD**

30701	HERNANDEZ Gustavo	951-926-8411	1
	MARTINEZ Alvaro	951-926-8552	7
30835	XXXX	00	
30855	XXXX	00	
30901	● MEJIA Juan	951-926-9225	3
	RAMIREZ Ignacio	951-926-5989	+4
30931	XXXX	00	
30965	XXXX	00	
30985	XXXX	00	

**X LEON RD**

**X EUCALYPTUS RD**

31509	XXXX	00	
-------	------	----	--

**X HOLCOMB RD**

31700	PIERPOINT Warren	951-926-1796	
31760	RIVERS Wm C	951-926-1194	
32309	BOERSMA Dena	951-926-6107	+4

**X EPIPLANEIA WAY**

32490	○ KRAUS Edith	951-677-6613	7
	○ KRAUS Graham	951-677-6613	7
	○ KRAUS Graham	951-926-3434	9

**X PHINO LN**

32605	WESSELINK Jules	951-926-3349	8
	★ WINCHESTER CHEESE CO	951-926-4239	3

32625	XXXX	00	
32750	★ STIEFEL DAIRY	951-926-1247	

32760	STIEFEL Jack	951-926-8626	
-------	--------------	--------------	--

32782	XXXX	00	
-------	------	----	--

33011	DOMENIGONI Francis	951-926-1636	⊕
-------	--------------------	--------------	---

★ 2 BUS 21 RES 2 NEW

HOLLAND RD 2000

30701	●BOERE John	OO	+0
	HERNANDEZ Gustavo	909-926-8247	9
	MARTINEZ Alvino	909-926-8552	7
30835	●DASE Raymond	909-926-5705	9
30855	●GIRON Gaston	OO	+0
	GONZALEZ Jesus	909-926-1161	+0
30901	●MILLER Carl P	909-926-9727	7
30931	XXXX	OO	
30965	●VERNOLA Salvatore	OO	+0
30985	●WHEELER Fred	OO	+0
31509	●NGO Tia	OO	+0
31700	●PIERPOINT Warren	909-926-1796	
31760	●RIVERS William C	909-926-1194	1
32309	●BOER Adrian	OO	+0
32490	●KRAUS Edith	909-677-6613	7
	●KRAUS Graham	909-677-6613	7
	●KRAUS Graham	909-926-3434	9
32605	★ JULES WSSRLNKS WNCHSTR CHSE CO	909-926-4239	+0
32625	●VANLOON Pete	OO	+0
	WESSELINK Jules	909-926-3349	8
X	PHINO LN		
32750	★ STIEFEL DAIRY	909-926-1247	2
	●STIEFEL Jack	OO	+0
32760	STIEFEL Jack	909-926-8626	2
32782	CROUSE M	909-926-5007	6
	CROUSE R	909-926-5007	6
33011	DOMENIGONI Francis	909-926-1636	
	★ 7 BUS 46 RES 24 NEW		

HOLLAND RD 1995

30701	XXXX		00
30855	XXXX		00
30901	XXXX		00
30931	XXXX		00
31509	HARRIS Jas	926-1373	2
31700	PIERPOINT Warren	926-1796	
31760	● RIVERS Wm C	926-1194	1
32309	BOER Dennis	926-9447	
32490	XXXX	00	
32625	WESSELINK Jules	926-4239	
	WESSELINK Jules J	926-3770	9
32750	★ STIEFEL DAIRY	926-1247	2
32760	STIEFEL Jack	926-8626	2
33011	DOMENIGONI Francis	926-1636	
33555	XXXX	00	
33822	★ KASLER CORP	926-2546	+5
33875	ESTRADA Cuauhtemoc	926-4572	3
	SCHEENSTRA Steve	926-1369	1
	SCHEENSTRA Steve	926-4616	1
	★ 5 BUS	35 RES	3 NEW



HOLLAND RD 1990

7				
9	30701	DEDRICK David	926-3817	+0
9		DEDRICK Timberly	926-3817	+0
		RODRIGUEZ Melecio C	00	7
0	30855	LITSIS John	926-3724	9
8	30901	MILLER Betty	926-9466	
0		MILLER Carl	926-9466	
0	30931	XXXX	00	
0	30965	XXXX	00	
7	30985	WHEELER Fred	926-1112	6
5	31700	PIERPOINT Warren	926-1796	5
9	32490	DONALD Conrad C	926-2024	1
	32625	FANNING Greg B	00	4
7		THOMAS David	926-2497	1
5		WESSELINK Jules	926-4239	1
0		WESSELINK Jules J	926-3770	9
	33011	DOMENIGONI Francis	926-1636	
	33555	XXXX	00	
	★	3 BUS	33 RES	5 NEW
7				

HOLLAND RD 1985

30901	MILLER CARL	926-9466	+5
30931	XXXX	00	
30965	XXXX	00	
30985	XXXX	00	
31700	PIERPOINT WARREN	926-1796	+5
32490	DONALD CONRAD	926-2024	1
32625	APARTMENTS		
	AVILA FERNANDINO	926-4261	1
	THOMAS DAVID	926-2497	1
	WESSELINK JULES	926-4239	1
	WESSLIK LEO	926-4336	1
D	WESSELINK JULES J	926-3770	2
32625	.....		
33011	DOMENIGONI FRANCIS	926-1636	
33555	SMITH FRED	926-2078	8
	2 BUS	30 RES	7 NEW

**HOLLAND RD 1980**

27355	QUILTY PAUL	679-9444 +0
30901	XXXX	00
30931	THANING STEVE	926-3918 +0
30965	XXXX	00
30985★	HUNTERS AUTOMOTIVE	926-2567+0
32490	DNOALD CONRAD C	926-2024 +0
33011	DOMENIGONI FRANCIS	926-1636 4
33555	SMITH FRED	926-2078 8
NO #★	BARNETT CHAS PASTR	679-4739
★	2 BUS	18 RES
		8 NEW

HOLLAND RD 1975

30901	MCELHINNEY	ANDY	926-2590+5
33011	DOMENIGONI	FRANCIS	926-1636 4
NO #	MIDDLETON	RITA	679-3427+5
	* 00 1	BUS	10 RES 4 NEW
4755-858			
5026-558			
3014-558			



## INTERVIEW QUESTIONNAIRE



INTERVIEW QUESTIONNAIRE  
ASTM E 1527-13

In accordance with Sections 10 and 11 of the Standard Practice for Phase I Environmental Site Assessments (ESA); Designation E1527-13 the environmental professional shall address questions to be asked of past and present owners, operators, and occupants of the property.

We ask that you complete the following questions to the best of your knowledge and return it to us at your earliest convenience for inclusion in the Phase I ESA.

1. Is there litigation or administrative proceedings relevant to hazardous substances or petroleum products? No
2. Are you aware of the existence of structures on site in the past? No  
If so, was there asbestos containing building materials in the structure? \_\_\_\_\_
3. Are there or has there ever been chemicals, pesticides or herbicides used, mixed or formulated onsite?  
\_\_\_\_\_  
If so, what types? \_\_\_\_\_  
Storage areas: \_\_\_\_\_
4. Are there or has there ever been above ground or underground storage tanks at the site? No  
Location \_\_\_\_\_  
Contents \_\_\_\_\_  
Permits \_\_\_\_\_
5. Have any solid or liquid waste been disposed of, treated or neutralized onsite? \_\_\_\_\_  
If so, what types \_\_\_\_\_  
Permits \_\_\_\_\_
6. Have there been any spills, leaks or other releases of chemicals onsite? \_\_\_\_\_  
What chemicals? \_\_\_\_\_  
Quantity \_\_\_\_\_  
Cleanup measures? \_\_\_\_\_  
Are there any enforcement actions pending against the property? \_\_\_\_\_
7. Are you aware of any past uses of the subject site such as agricultural or commercial usage? \_\_\_\_\_

Completed by: Bill Lo  
Date: 12/21/17



RECORD REQUEST DOCUMENTS

Information Management  
Public Records Unit

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

**COMPLETION LETTER**

**February 06, 2018**

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

**Ref.: CONTROL NO. 93434**  
Received 1/30/2018

**Re:** P/O'S, EQL'S, NOV'S, N/C'S, COMPLAINTS, I/R'S, EMISSIONS SUM & ASBESTOS  
RECORDS FOR 30701 HOLLAND RD, MENIFEE, CA.

After a thorough search of this agency's records:

NO REQUESTED RECORDS WERE FOUND FOR THE ABOVE-REFERENCED FACILITY  
OR FACILITY SITE.

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,

STACY GARCIA x2495  
For COLLEEN PAINE  
Public Records Coordinator

:sg



**PERMIT APPLICATION**  
County of Riverside Department of Building and Safety

4280 Lemon St. 2nd Floor  
Riverside, CA 92501  
Ph: 787-8148

135 N. Alessandro Rd. Rm. 203  
Banning, CA 92220  
Ph: 849-7317

880 N. State Street  
Hemet, CA 92343  
Ph: 558-4484

277 North "D" Street  
Perris, CA 92370  
Ph: 657-3856

46-205 Cass St. Rm. 310  
Inco, CA 92201  
Ph: 342-8271

180 N. Broadway  
Blythe, CA 92225  
Ph: 922-2670

This permit becomes void if work not commenced within 180 days from date of issuance, OR, if work has been suspended or abandoned for a period of 180 days.

LICENSED CONTRACTORS DECLARATION: I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

OWNER-BUILDER DECLARATION: I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.):

I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

I am exempt under Sec. \_\_\_\_\_, B. & P.C. (Attach Certificate).

Date \_\_\_\_\_ Owner \_\_\_\_\_

WORKERS' COMPENSATION DECLARATION: I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

- Certified copy is hereby furnished.
- Certified copy is filed with the County Building Inspection Department or County \_\_\_\_\_ Department.

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE: This section need not be completed if the permit is for one hundred (\$100) or less. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Applicant \_\_\_\_\_  
NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION:  
 I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by this permit, and that no building structure, scaffolding, falsework, or demolition or dismantling thereof, will be more than thirty-six (36) feet high. (Chap. 3.2, Div. 2, Art. 2, Sec. 341, Title 8, C.A.C.)

- As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.
- Division of Industrial Safety Permit No. \_\_\_\_\_

CONSTRUCTION LENDING AGENCY: I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Div. C.).

Lender's Name \_\_\_\_\_  
Lender's Address \_\_\_\_\_

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION OF ENTRY: I certify I have read this application and state that the information given is correct. I agree to comply with all state laws and county ordinances relating to building construction, and authorize a representative of the County of Riverside, Department of Building and Safety to enter upon the property for which I have applied for this permit for the purpose of making inspections.

*John Boere*  
Signature of Applicant or Agent  
Date *July 10 86*  
Print Applicant/Agent Name \_\_\_\_\_

APPLICANT NAME (L,F,M)		PHONE #	
JOHN BOERE			
ADDRESS			
30490 BRIGGS			
CITY/COMMUNITY/STATE/ZIP			
SUN CITY CA 923810000			
JOB SITE ADDRESS/SPACE			
30701 HOLLAND			
CITY/COMMUNITY/STATE/ZIP			
SUN CITY CA 923810000			
BLK	PAG	PRC	C
466	120	003	8
TWN	RNG	SE	S
00650	02W	07	0
TRACT	LOT	MDD	SB
000000	0000	333	
TRACT NAME			
OWNER NAME (L,F,M)			
BOERE, JOHN H			
CONTRACTOR FIRM NAME		LIC#	
JOHN BOERE		0387935	
ADDRESS			
30940 BRIGGS			
CITY/COMMUNITY/STATE/ZIP			
SUN CITY CA 923810000			
PHONE #	BLOG. INSPECTOR	FINAL DATE	
714-926-4339			
ARCHITECT FIRM NAME		LIC#	
ADDRESS			
CITY/COMMUNITY/STATE/ZIP			
PHONE #	PLANS EXAMINER	APPROVE DATE	
USE OF PERMIT			
MH SITE PREP #2			
BL	ZON	FSB	SSB
00	A-1	070	050
		RSB	OFC
		100	RIV
ZONE ORD #	LOTSZ	END	SIDE
	080.00	A	0000

LOG #	PS	DATE	
00109795	PH	07/10/86	270605
MBH SITE PREP FEE			\$25.50
TOTAL FEE			\$25.50
CA	CK	NC	COUNTER/LUT.
	X		

*CK 2868* 270605

MOBILE HOME SITE PREP PERMIT  
TOTAL PERMIT COST IS \$25.50

NO.	OPERATION	DATE	INSPECTOR	NO.	OPERATION	DATE	INSPECTOR				
<b>BUILDING APPROVALS</b>				<b>MECHANICAL APPROVALS</b>							
1	Set Back			33	Ventilation System						
2	Figs & Frms			34	Plenums & Ducts						
2A	Slab Grade			35	Furnace Compart.						
3	Steel			36	Inlets & Outlets						
4	Grout Blocks			37	Combustion Air						
5	Bond Beams			38	Compressor						
6	Roof Deck			39	Appl. Clearance						
7	Framing			40	Fire Damper						
8	Vents			41	Smoke Detection Device						
9	Garage Fire Wall			42	Commercial Hood						
10	Fireplace P.L. <input type="checkbox"/>			43	Final						
10A	Fireplace T.O. <input type="checkbox"/>			OP'N NO.	<b>ADDITIONAL INFORMATION</b>						
11	Exterior Lath										
12	Internal Lath										
12A	Drywall										
13	Finish Grade										
	INSULATION	Thick	"R" Value								
7A	Walls (Batts)										
12B	Ceiling (Batts)										
12C	Ceiling (Blown)										
14	Final										
<b>PLUMBING APPROVALS</b>											
15	Ground Plumb										
16	Water piping	9/11/65	<del>MS</del>								
17	Rough Plumb										
18	Vents										
19	Sewage Disposal	9/11/65	<del>MS</del>								
20	Sewer										
21	Water Heater										
22	Water Softener										
23	Water Service										
24	Gas Test										
25	Final										
				<b>SEWAGE SYSTEM SIZE &amp; LOCATION</b>							
				Tank	Pit	LLine					
<b>ELECTRICAL APPROVALS</b>				<b>REAR OF PROPERTY LINE</b>							
26	Power Pole			<p>The diagram shows a rectangular power pole labeled '100' at the top. A vertical line descends from the pole to a horizontal line representing a power line. Below this line are two more horizontal lines. At the bottom, a horizontal line represents the 'Road'. Two arrows indicate a distance of '75'' from the property line (P/L) to the road. The property line is labeled 'P/L' on both sides.</p>							
27	Conduit										
28	Service Entrance										
29	Wiring										
29A	Grounding Wire										
29B	Bonding										
30	Fixtures										
31	Service										
32	Final										
								STREET NAME _____			

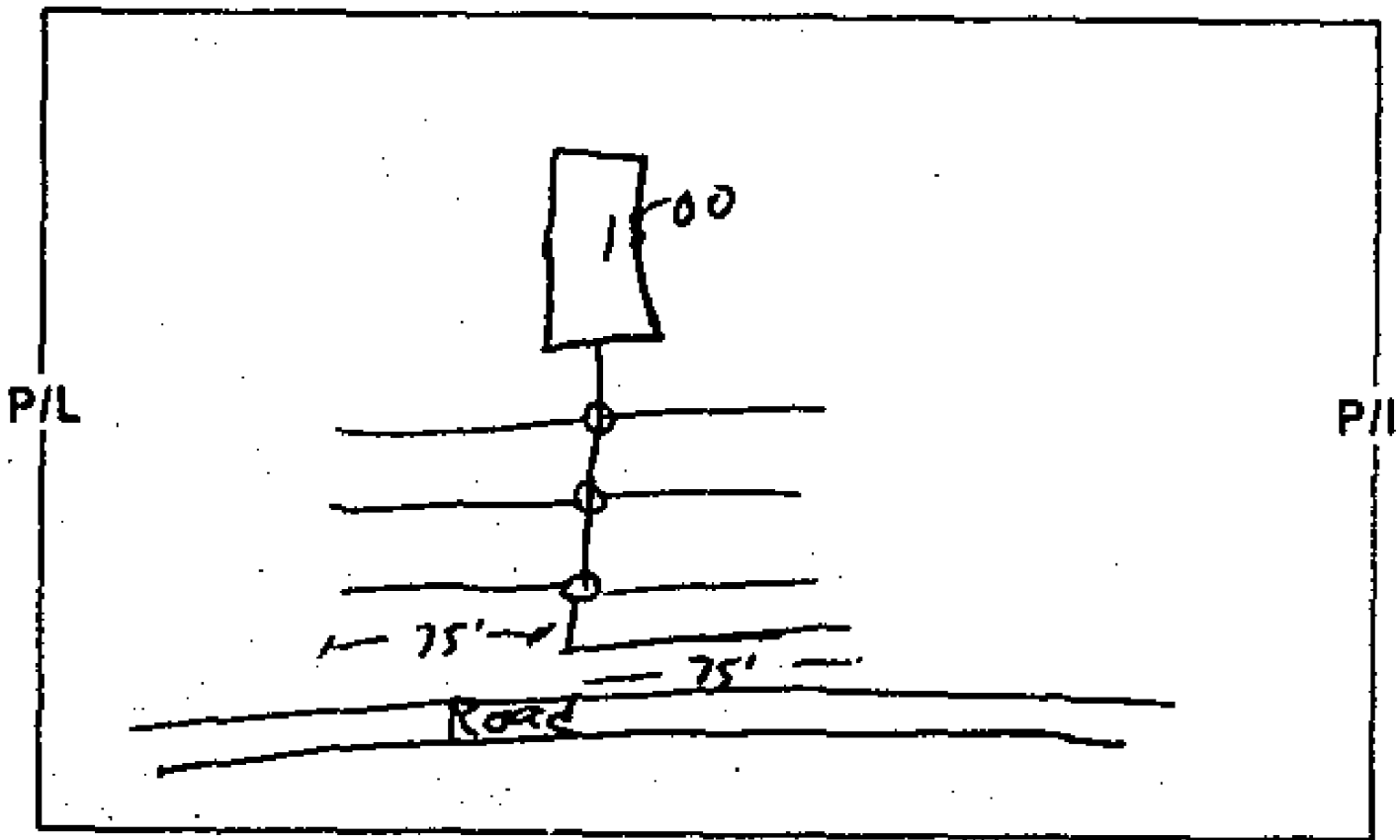
# SEWAGE SYSTEM SIZE & LOCATION

Tank

Pit

LLine

REAR OF PROPERTY LINE



STREET NAME \_\_\_\_\_

466 -120 - 003

COUNTY OF RIVERSIDE, DEPARTMENT OF HEALTH  
PERMIT APPLICATION FOR A SUBSURFACE DISPOSAL SYSTEM

Applicant: Submit this form with three copies of a scaled plot plan drawn to county specifications required on the attached check list. A non refundable filing fee of \$15 is required when the application is submitted. Check must be made payable to County of Riverside.

SECTION A

Name: John BOERF JR Mailing Address: 30490 Briggs rd

City: sun city State: Calif Zip Code: 92381 Phone: \_\_\_\_\_

\*Property Address: 30701 Holland \*City or Community: sun city \*Legal Description of Property (Lot, Parcel Map, Tract): 1/4 of sec 7 T65 R2 W

\*Assessors Parcel No.: AP 466-120-003 Water Serving Property From: well Lot size: 220 X 140

Signature of Applicant: John Boerf Jr. Date: July 18 85

\*The above information must be verified from Building Application

Staff Use - Do Not Write Below This Line

SECTION B

WQCB Clearance required	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Initial	Date
Soils feasibility report required	Yes <input type="checkbox"/>	No <input type="checkbox"/>	SH	7/17/85
Detailed boring report required	Yes <input type="checkbox"/>	No <input type="checkbox"/>	↓	↓
Detailed contour plot required	Yes <input type="checkbox"/>	No <input type="checkbox"/>	↓	↓

Comments: \_\_\_\_\_

Soils or boring report by Calif. Geo Tek. (project NUGS7W14-85) Date 7-2-85

Approved by SH Date 7/18/85

Soils Map Page \_\_\_\_\_ Soil Type \_\_\_\_\_ Tract File No. \_\_\_\_\_ Other \_\_\_\_\_

Number of Bedrooms	Septic Tank Size (gallons)	Rate Required	New <input checked="" type="checkbox"/>	Type of System Addition <input type="checkbox"/>	Replacement <input type="checkbox"/>
<u>2 bed</u>	<u>1500 gal</u>	<u>100</u>			
Leach line sq. ft. of bottom area trench	<u>7</u> <u>36' x 72'</u>	Leach bed (sq. ft. of bottom area bed)			
<u>1500 sqft / 500 linear ft</u>	<u>3 x 84'</u>				
Seepage Pit Diameter	Number of Pits	Seepage Pit Depth B.I.	Total Depth of Pit		
<u>5' <input type="checkbox"/> 6' <input type="checkbox"/></u>					

Location of System: Northeast of property show on plot plan

Additional Requirements: Trenches to be no deeper than 36" / 1 Gravel beneath lines.

SECTION C

A permit is approved for the design of a subsurface disposal system as indicated on the accompanied plot plan using the requirements set forth in Section B above. A building permit is necessary for the installation of the above designed system.

Signature of Health Official: SH Date: 7/18/85

Receipt No. A626144 Issued By C. Johnson

District: Riverside  Indio  Hemet  Date 7-18-85

**PLEASE PRINT AND COMPLETE THOSE PARTS OF THE FORM YOU UNDERSTAND ONLY.  
APPLICATION TO CONSTRUCT WORKSHEET**

(Please Print)

10

1 Owner's Name (Last First MI) Boere John H				Department Use Only D / C No.:	
2 Project Address (Not Mailing Address) 30701 Holland				City/Community Sun City	
3 Space	State CA	Zip Code 92381	Tract Name		
4 Accessor Parcel No. 466-120-003		Township 65	Range R2A	Section 7	Subsection
5 Lot/Parcel No.		Tract/Parcel Map No.		Date Recorded/Waived	

\*\*\* DEPARTMENT USE ONLY \*\*\*

Case/Use	Special District	Flood Control-County	Nat'l	Other	Complaint	Bldg. Condemnation
Flags	Open Applications/Permits	Curb/Gutter/Sidewalk Requests	Right of Way/Easements			
6 Legal Zone R-10	LU Appl/Permit No. P/P 8432	Lot	Sq. Ft./Acres 80 acres	Long End	Long Side	
7 Set Back - F 70	S-1 50	S-2 50	R 100	No. of Building	Module No.	Office Initials

8 Architect Firm Name			Street Address		
9 City	State	Zip Code	Phone		
10 Contact			License No		
11 Contractor Firm Name John H Boere O/B			Street Address 30490 Briggs		
12 City Sun City	State Calif	Zip Code 92381	Phone 714 926 4339		
13 OR Engineer Contact			License No.		
14 License Type		Workman's Comp. Carrier	Expiration Date		
15 Workman's Comp. Insurance-Self Ins.		Certificate Issued by Admitted Carrier		Cost is L/T \$100	

Different from applicant

16 Owner/Agent (if different from #1 above) John H Boere			Business Address 30490 Briggs		
17 City Sun City	State Calif	Zip Code 92381	Phone 714 926 4339, 926 4329		
18 Permits Required - Grading N		Structural N	Other M.H.		
19 Permit Use Farm emp residence					
20 Applicant Name John W Boere			Street Address 30490 Briggs		
21 City Sun City	State Calif	Zip Code 92381	Phone 19264339	Initials	

ADDITIONAL INFORMATION:

M.H. Site Prep #1 108794  
#2 108795  
MEN + PUNSD

DEAR APPLICANT,

This department has an automated building permit management system. Certain information exists and/or will be added to the system which identifies conditions that must be met prior to, during, and after the issuance of a building permit. Upon issuance of a permit, the system will further assist us in tracking the progress both you and this department makes in completing the requirements that must be met prior to finalization of your permit.

So that we may assist you, we ask that you fill out the reverse side of this form. PLEASE PRINT AND COMPLETE THOSE PARTS OF THE FORM YOU UNDERSTAND ONLY. Upon completion of the form, a department representative at our Land Use Code Enforcement Counter will use this information to prepare your application. Thank you.

STATEMENT

P/P 8/32

ZONE: A-1-10

PARCEL NO: 466-120-003

I certify that I am the owner of the property located at 30701 Hollander  
sun city 72381 in the \_\_\_\_\_ area, and  
that the mobilehome to be situated on said property shall be occupied by the  
owner(s) or employee(s) hired for the sole purpose of maintaining the agri-  
cultural and farm operation on the above mentioned parcel with no compensa-  
tion involved whatsoever.

(Complete one of the following two paragraphs, whichever applies):

1. The parcel meets the acreage requirements of the zone in which the  
mobilehome is to be situated and the parcel (consisting of 80 acres) is be-  
ing farmed as follows: oats and Barley and Dairy Heffer  
and we also have a Dairy there are 710 ac all in all  
(describe type of crop being raised or agricultural use being made of land)

2. Since there is no farming operation presently on the land I will  
establish the following agricultural uses within 30 days after occupancy of  
the mobilehome, \_\_\_\_\_  
(type of farming operation)

and hereby submit a copy of billings to support the establishment of my farm-  
ing expenditures for such items as fertilizer, plants, seed, tools, irrigation  
systems, cultivation equipment, etc. and I certify these items will be used on  
this property.

I have read and understand the provisions of the zoning ordinance under which  
I am being allowed to use a mobilehome as a one family residence in conjunc-  
tion with farming and if a viable farm operation has not been established with-  
in 90 days of occupancy of the mobilehome I agree to remove the mobilehome from  
the property without cost to the County of Riverside or any other governmental  
agency.

DATE: July 18 1985

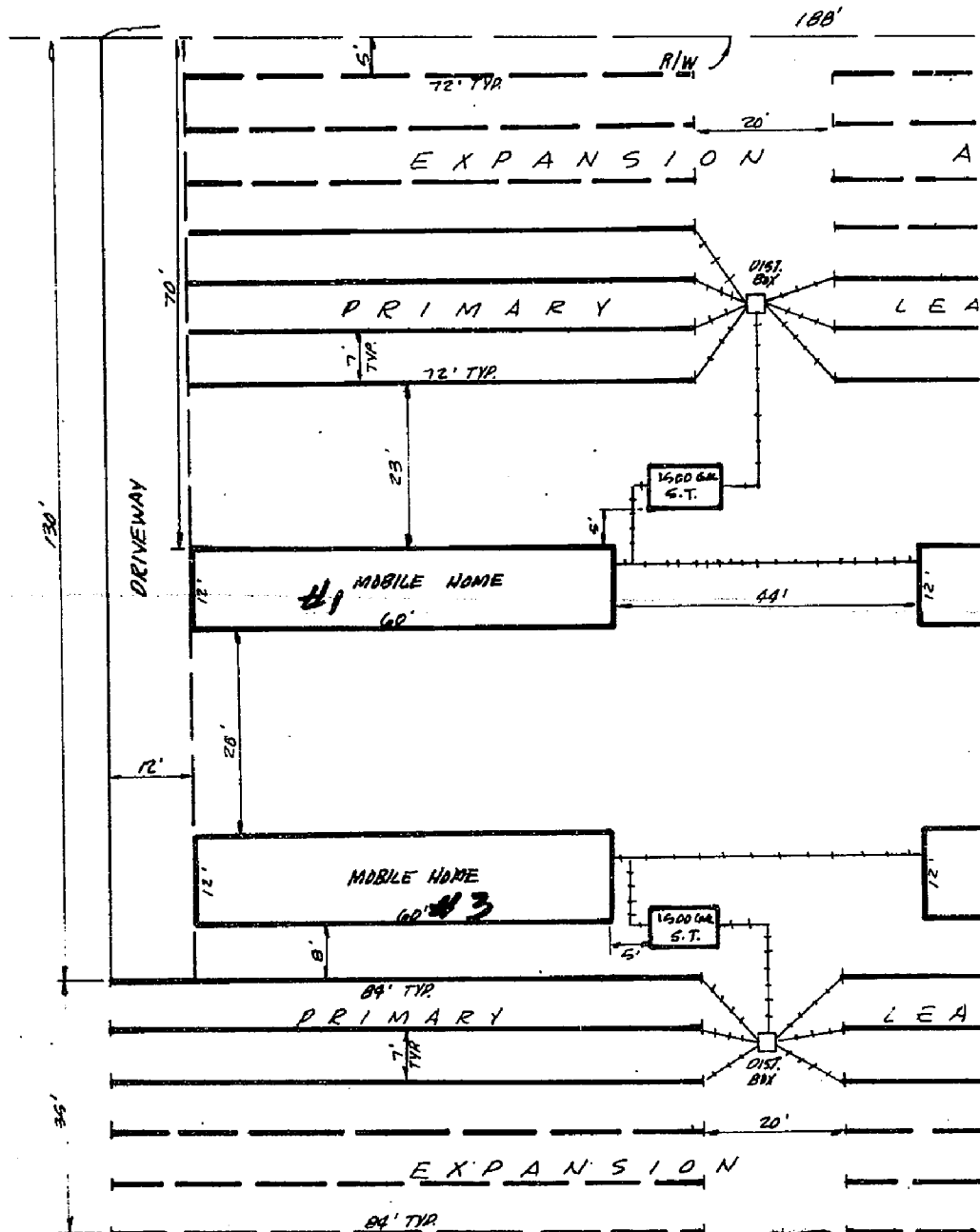
SIGNED: John Bond Jr  
Present address 30490 Briarwood  
sun city 72381  
Phone No: 714 926 4339

WITNESSED BY:  
Barbara Stout  
(Land Use Personnel)

DATE: 7/18/85

# PLOT PLAN

LAND



POR. RIVERSIDE COUNTY DEPARTMENT OF PUBLIC HEALTH  
DIVISION OF ENVIRONMENTAL HEALTH 165, 165

- |  |   |               |
|--|---|---------------|
| <ul style="list-style-type: none"> <li>① Food Establishment</li> <li>② Trailer Park</li> <li>③ Dwelling 2 or more units</li> <li>④ Commercial Building</li> <li>⑤ Swimming Pool</li> </ul> | <ul style="list-style-type: none"> <li>⑥ Sewage Disposal</li> <li>⑦ 1500 Gal. Septic Tank</li> <li>⑧ 1500 Sq. Ft. of Leach Line</li> <li>⑨ 2" Seepage Pit</li> <li>⑩ Connection to Sewer/Edwards</li> </ul> | SITE ADDRESS: |
|--|---|---------------|

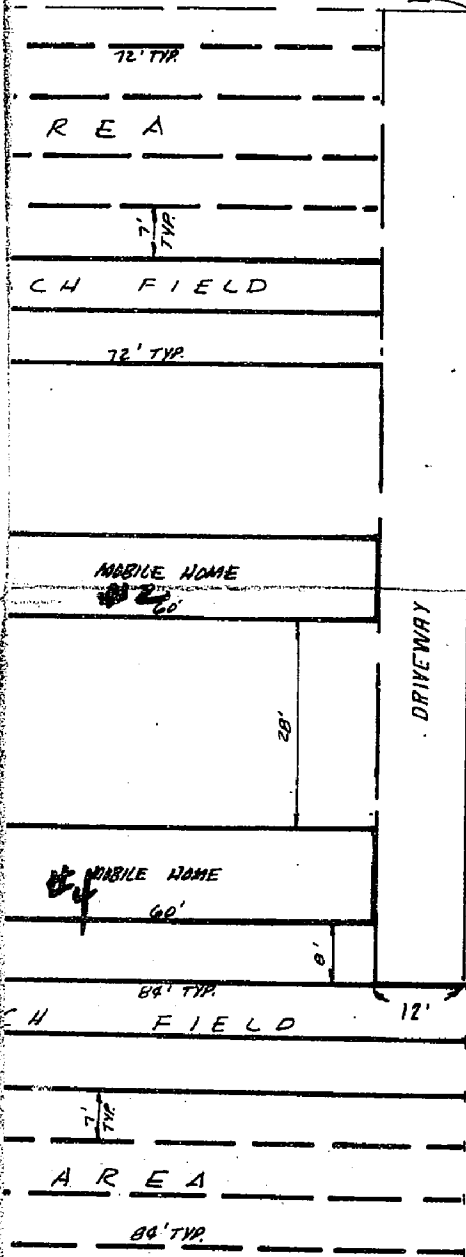
**BOERE** No on-site regenerating water softening devices may be discharged into the individual septic disposal system herewith approved without clearance from the Water Quality Control Board. **BOERE MOBILE**  
**BRIBB** When they serving this installation must be from an approved source. **50701 HOLLAND**  
**TY, CA** All sewage disposal installation must conform with requirements of current Uniform Plumbing Code. **HOUSTON, CA. 9**  
 Any grading, grading, or filling in excess of two (2) feet will nullify sewage disposal approval.  
 1) **STC** Approval has been obtained from the Regional Water Quality Control Board for installation of the sewage disposal system.  
 This is to certify that the Riverside County Department of Public Health approves for occupancy.  
 Construction or installation the hereof checked above.  
 Date 7/13/85 By S. H. [Signature]

Trenches to be no deeper than 36"



NO. 8432

ROAD



PCL. 1  
PM 5225

LAND USE  
APPROVAL

DATE: 7/18/85  
BY: E. Trout  
Log # 108794  
108795

HOME PARK  
RD.  
2381

*John T. Reinhart*  
JOHN T. REINHART REC 25664 7/16/85  
DATE



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

STEVE VAN STOCKUM, DIRECTOR

**RELEASE OF RECORDS RESPONSE**

February 7, 2018

Service Request No: 40691

RMA GeoScience  
9854 Glenoaks Blvd.  
Sun Valley, CA 91352  
Attn: Martha Sgriccia

Your request concerning **Hazardous Materials Management Records** has been received and a file search has been conducted. The appropriate action has been taken.

Site Address	City	Records Found
30835 30965 30985 31509 Holland Rd.	Winchester	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Estimated Cost</b>		<b>\$0.00</b>

If no records are found, no further action will be taken.

If records found, please contact our office at (951) 358-5055 to schedule a file review appointment. Records will be available for 30 days from the date of this letter, after which a new Records Request will need to be submitted.

**\*\* There is a clerical records research fee of \$.50 for the first page, plus \$.10 per additional page \*\*Records will not be made available until this fee is paid\*\***

Other fees may apply

Note: Additional time for processing may be required

**Appointments are scheduled in one (1) hour increments, not to exceed two (2) hours.**

Environmental Protection & Oversight Division  
Hazardous Materials Management Branch  
Attn: Records Management  
P.O. Box 7909  
Riverside, CA 92513-7909  
Ph: (951) 358-5055  
Fax (951) 358-5342

\*additional fees may include costs for appt. cancellation/no show, time per service, scan/fax/mail of documents, cd/dvd



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

STEVE VAN STOCKUM, DIRECTOR

**RELEASE OF RECORDS RESPONSE**

February 7, 2018

Service Request No: 40690

**RMA GeoScience  
9854 Glenoaks Blvd.  
Sun Valley, CA 91352  
Attn: Martha Sgriccia**

Your request concerning **Hazardous Materials Management Records** has been received and a file search has been conducted. The appropriate action has been taken.

Site Address	City	Records Found
<b>30701 Holland</b>	<b>Menifee</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>Estimated Cost</b>		<b>\$0.00</b>

If no records are found, no further action will be taken.

If records found, please contact our office at (951) 358-5055 to schedule a file review appointment. Records will be available for 30 days from the date of this letter, after which a new Records Request will need to be submitted.

**\*\* There is a clerical records research fee of \$.50 for the first page, plus \$.10 per additional page \*\*Records will not be made available until this fee is paid\*\***

Other fees may apply

Note: Additional time for processing may be required

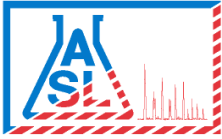
**Appointments are scheduled in one (1) hour increments, not to exceed two (2) hours.**

Environmental Protection & Oversight Division  
Hazardous Materials Management Branch  
Attn: Records Management  
P.O. Box 7909  
Riverside, CA 92513-7909  
Ph: (951) 358-5055  
Fax (951) 358-5342

\*additional fees may include costs for appt. cancellation/no show, time per service, scan/fax/mail of documents, cd/dvd



## LABORATORY TESTING DATA



AMERICAN SCIENTIFIC LABORATORIES, LLC

*Environmental Testing Services*

2520 N. San Fernando Road, LA CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

02 February 2018  
Martha Sgriccia  
RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley, CA 91352

**Work Order #: 1801262**

**Project Name: Canterwood**

**Project ID: 174-0307-04**

**Site Address: 174-0307-04**

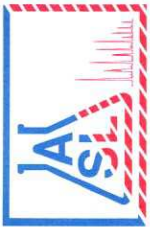
Enclosed are the results of analyses for samples received by the laboratory on January 26, 2018. If you have any questions concerning this report, please feel free to contact us.

**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.



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

2520 N. San Fernando Road, L.A, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# N<sup>o</sup> **53318** GLOBAL ID \_\_\_\_\_ E REPORT:  PDF  EDF  EDD  ASL JOB# 1801262

LAB USE ONLY		SAMPLE DESCRIPTION				Container(s)		Matrix	Preservation	Remarks
Lab ID	Sample ID	Date	Time	#	Type					
1801262-01	S1	1/25/18	1:01pm	1	4oz Jar	Soil				
1801262-02	S2	1/25/18		1		Soil				
1801262-03	S3	1/25/18		1		Soil				
1801262-04	S4	1/25/18		1		Soil				
1801262-05	S5	1/25/18		1		Soil				
1801262-06	S6	1/25/18		1		Soil				
1801262-07	S7	1/25/18		1		Soil				
1801262-08	S8	1/25/18		1		Soil				
1801262-09	S9	1/25/18		1		Soil				
1801262-10	S10	1/25/18		1		Soil				

Company:	RMA Geo Science		Project Name:	Canterwood		Report To:	m.sgriccia@imageoscience.com		ANALYSIS REQUESTED		
Address:	4854 Glen Oaks Blvd		Site Address:	Tract 31008		Address:	4854 Glen Oaks Blvd, San Valley				
Telephone:	860-762-4396		Project ID:	17H-0307-04		Invoice To:	Martha Sgriccia				
Fax:	888-248-8130		Project Manager:	Martha Sgriccia		Address:	4854 Glen Oaks Blvd, 8081A				
Special Instruction:						P.O.#:	San Valley, CA 91352				
E-mail:	msgriccia@imageoscience.com										

Collected By:	Marissa Meredith	Date:	1/25/18	Time:	7:00pm	Relinquished By:	Marissa Meredith	Date:	1/26/18	Time:	2:48
Relinquished By:		Date:		Time:		Received For Laboratory:	Janet Chen	Date:	1/26/18	Time:	2:45
Received By:		Date:		Time:		Condition of Sample:					

C H A I N O F C U S T O D Y R E C O R D

TAT  Normal  Rush



AMERICAN SCIENTIFIC LABORATORIES, LLC  
Environmental Testing Services

2520 N. San Fernando Road, LA, CA 90065 Tel: (323) 223-9700 • Fax: (323) 223-9500

COC# **Nº 53319** GLOBAL ID                      E REPORT:  PDF  EDF  EDD  ASL JOB# 1801262

C H A I N O F C U S T O D Y R E C O R D

Company: <b>RMA Geoscience</b>		Project Name: <u>Canterwood</u>		Report To: <u>m.sgriccia@rma-geoscience.com</u>		<b>ANALYSIS REQUESTED</b>	
Address: <u>9854 Glenc Oaks Blvd</u>		Site Address: <u>Tract 31008</u>		Address: <u>9854 Glenc Oaks Blvd, Sun Valley</u>			
Telephone: <u>800-762-4346</u>		Project ID: <u>1714-0307-04</u>		Invoice To: <u>Martha Sgriccia</u>			
Fax: <u>888-248-9130</u>		Project Manager: <u>Martha Sgriccia</u>		Address: <u>9854 Glenc Oaks Blvd, Sun Valley, CA 91352</u>			
Special Instruction: <u>                    </u>		E-mail: <u>m.sgriccia@rma-geoscience.com</u>		P.O.#: <u>8081A</u>			
LAB USE ONLY		SAMPLE DESCRIPTION				Matrix	Preservation
Lab ID	Sample ID	Date	Time	#	Type		
<u>1801262-11</u>	<u>S11</u>	<u>1/25/18</u>	<u>2:30</u>	<u>1</u>	<u>4oz Jar</u>	<u>Soil</u>	<u>✓</u>
<u>1801262-12</u>	<u>S12</u>		<u>2:42</u>			<u>Soil</u>	<u>✓</u>
<u>1801262-13</u>	<u>S13</u>		<u>3:24</u>			<u>Soil</u>	<u>✓</u>
<u>1801262-14</u>	<u>S14</u>					<u>Soil</u>	<u>✓</u>
<u>1801262-15</u>	<u>S15</u>					<u>Soil</u>	<u>✓</u>
<u>1801262-16</u>	<u>S16</u>					<u>Soil</u>	<u>✓</u>
<u>1801262-17</u>	<u>S17</u>					<u>Soil</u>	<u>✓</u>
<u>1801262-18</u>	<u>S18</u>					<u>Soil</u>	<u>✓</u>
<u>1801262-19</u>	<u>S19</u>					<u>Soil</u>	<u>✓</u>
<u>1801262-20</u>	<u>S20</u>					<u>Soil</u>	<u>✓</u>
Collected By: <u>MariSSa Meredith</u>	Date: <u>1/26/18</u>	Time: <u>10:30 am</u>	Relinquished By: <u>MariSSa Meredith</u>		Date: <u>1/26/18</u>	Time: <u>2:48</u>	TAT <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush
Relinquished By: <u>                    </u>	Date: <u>                    </u>	Time: <u>                    </u>	Received For Laboratory: <u>Janet Chen</u>		Date: <u>1/26/18</u>	Time: <u>2:45</u>	
Received By: <u>                    </u>	Date: <u>                    </u>	Time: <u>                    </u>	Condition of Sample: <u>                    </u>				







Job# 1801262

## ASL Sample Receipt Form

Client: RMA Geoscience

Date: 1-26-18

### Sample Information:

Temperature: 5.8 °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

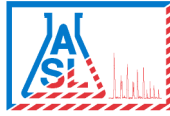
COC documents received complete:

Yes  No

Proper Preservation Noted:

Yes  No

Completed By: Janet Chin



RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

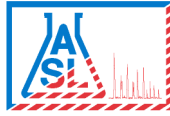
Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**ANALYTICAL SUMMARY REPORT**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S1	1801262-01	Solid	01/25/2018 13:01	01/26/2018 14:45
S2	1801262-02	Solid	01/25/2018 13:01	01/26/2018 14:45
S3	1801262-03	Solid	01/25/2018 13:01	01/26/2018 14:45
S4	1801262-04	Solid	01/25/2018 13:01	01/26/2018 14:45
S5	1801262-05	Solid	01/25/2018 13:01	01/26/2018 14:45
S6	1801262-06	Solid	01/25/2018 13:01	01/26/2018 14:45
S7	1801262-07	Solid	01/25/2018 13:01	01/26/2018 14:45
S8	1801262-08	Solid	01/25/2018 13:01	01/26/2018 14:45
S9	1801262-09	Solid	01/25/2018 13:01	01/26/2018 14:45
S10	1801262-10	Solid	01/25/2018 13:01	01/26/2018 14:45
S11	1801262-11	Solid	01/25/2018 14:30	01/26/2018 14:45
S12	1801262-12	Solid	01/25/2018 14:42	01/26/2018 14:45
S13	1801262-13	Solid	01/25/2018 15:24	01/26/2018 14:45
S14	1801262-14	Solid	01/25/2018 15:24	01/26/2018 14:45
S15	1801262-15	Solid	01/25/2018 15:24	01/26/2018 14:45
S16	1801262-16	Solid	01/25/2018 15:24	01/26/2018 14:45
S17	1801262-17	Solid	01/25/2018 15:24	01/26/2018 14:45
S18	1801262-18	Solid	01/25/2018 15:24	01/26/2018 14:45
S19	1801262-19	Solid	01/25/2018 15:24	01/26/2018 14:45
S20	1801262-20	Solid	01/25/2018 15:24	01/26/2018 14:45
S21	1801262-21	Solid	01/25/2018 16:00	01/26/2018 14:45
S22	1801262-22	Solid	01/25/2018 16:00	01/26/2018 14:45
S23	1801262-23	Solid	01/25/2018 16:30	01/26/2018 14:45

*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.*



RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S1**

**Laboratory Sample ID: 1801262-01 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80717		Prepared: 01/26/2018 16:24		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
<b>4,4'-DDE</b>	<b>17.1</b>		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 13:03	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			81.9 %		43-169	3545	01/29/2018 13:03	AY	8081A

**Analytical Results**

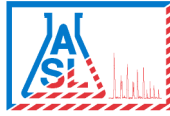
**Client Sample ID: S2**

**Laboratory Sample ID: 1801262-02 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80717		Prepared: 01/26/2018 16:24		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
<b>4,4'-DDE</b>	<b>10.6</b>		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	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: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S2**

**Laboratory Sample ID: 1801262-02 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 13:20	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			108 %		43-169	3545	01/29/2018 13:20	AY	8081A

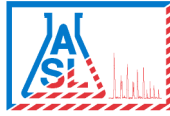
**Analytical Results**

**Client Sample ID: S3**

**Laboratory Sample ID: 1801262-03 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
<b>4,4'-DDE</b>	<b>6.44</b>		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A

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RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S3**

**Laboratory Sample ID: 1801262-03 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 13:38	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			110 %		43-169	3545	01/29/2018 13:38	AY	8081A

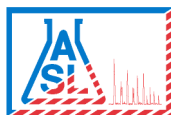
**Analytical Results**

**Client Sample ID: S4**

**Laboratory Sample ID: 1801262-04 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
<b>4,4'-DDE</b>	<b>14.3</b>		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 13:55	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			109 %		43-169	3545	01/29/2018 13:55	AY	8081A

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RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262

Reported:  
02/02/2018 14:38

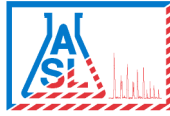
**Analytical Results****Client Sample ID: S5****Laboratory Sample ID: 1801262-05 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80717		Prepared: 01/26/2018 16:24		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
<b>4,4'-DDE</b>	<b>10.6</b>		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 14:12	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			96.5 %		43-169	3545	01/29/2018 14:12	AY	8081A

**Analytical Results****Client Sample ID: S6****Laboratory Sample ID: 1801262-06 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80717		Prepared: 01/26/2018 16:24		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
<b>4,4'-DDE</b>	<b>11.7</b>		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A

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RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S6**

**Laboratory Sample ID: 1801262-06 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 14:30	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			102 %	43-169		3545	01/29/2018 14:30	AY	8081A

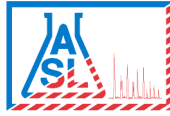
**Analytical Results**

**Client Sample ID: S7**

**Laboratory Sample ID: 1801262-07 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
<b>4,4'-DDE</b>	<b>10.4</b>		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A

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RMA Geoscience  
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 Sun Valley CA, 91352

Project: Canterwood  
 Project Number: 174-0307-04  
 Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
 02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S7**

**Laboratory Sample ID: 1801262-07 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 14:47	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			99.6 %		43-169	3545	01/29/2018 14:47	AY	8081A

**Analytical Results**

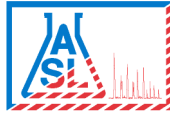
**Client Sample ID: S8**

**Laboratory Sample ID: 1801262-08 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
4,4'-DDE	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 15:04	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			105 %		43-169	3545	01/29/2018 15:04	AY	8081A

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 Sun Valley CA, 91352

Project: Canterwood  
 Project Number: 174-0307-04  
 Project Manager: Martha Sgriccia

Work Order No: 1801262  
 Reported:  
 02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S9**

**Laboratory Sample ID: 1801262-09 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
4,4'-DDE	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 15:22	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			101 %	43-169		3545	01/29/2018 15:22	AY	8081A

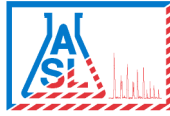
**Analytical Results**

**Client Sample ID: S10**

**Laboratory Sample ID: 1801262-10 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
4,4'-DDE	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A

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9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S10**

**Laboratory Sample ID: 1801262-10 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 15:39	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			106 %	43-169		3545	01/29/2018 15:39	AY	8081A

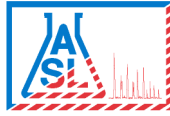
**Analytical Results**

**Client Sample ID: S11**

**Laboratory Sample ID: 1801262-11 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
4,4'-DDE	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A

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 Sun Valley CA, 91352

Project: Canterwood  
 Project Number: 174-0307-04  
 Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
 02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S11**

**Laboratory Sample ID: 1801262-11 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 15:56	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			96.2 %		43-169	3545	01/29/2018 15:56	AY	8081A

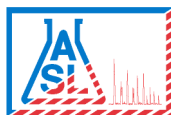
**Analytical Results**

**Client Sample ID: S12**

**Laboratory Sample ID: 1801262-12 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80717		Prepared: 01/26/2018 16:24				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
4,4'-DDE	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 16:13	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			114 %		43-169	3545	01/29/2018 16:13	AY	8081A

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Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262

Reported:  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S13**

**Laboratory Sample ID: 1801262-13 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80718		Prepared: 01/29/2018 09:29		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
<b>4,4'-DDE</b>	<b>15.2</b>		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 17:39	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			98.5 %		43-169	3545	01/29/2018 17:39	AY	8081A

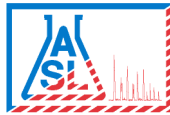
**Analytical Results**

**Client Sample ID: S14**

**Laboratory Sample ID: 1801262-14 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80718		Prepared: 01/29/2018 09:29		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
<b>4,4'-DDE</b>	<b>30.4</b>		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A

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Project Manager: Martha Sgriccia

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**Reported:**  
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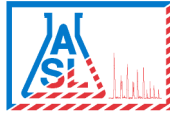
**Analytical Results****Client Sample ID: S14****Laboratory Sample ID: 1801262-14 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80718		Prepared: 01/29/2018 09:29		
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 17:57	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			106 %		43-169	3545	01/29/2018 17:57	AY	8081A

**Analytical Results****Client Sample ID: S15****Laboratory Sample ID: 1801262-15 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80718		Prepared: 01/29/2018 09:29		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
<b>4,4'-DDE</b>	<b>53.8</b>		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A

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Sun Valley CA, 91352

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Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
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**Analytical Results**

**Client Sample ID: S15**

**Laboratory Sample ID: 1801262-15 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 18:14	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			107 %		43-169	3545	01/29/2018 18:14	AY	8081A

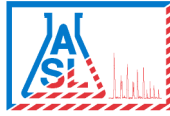
**Analytical Results**

**Client Sample ID: S16**

**Laboratory Sample ID: 1801262-16 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
<b>4,4'-DDE</b>	<b>69.5</b>		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 18:31	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			100 %		43-169	3545	01/29/2018 18:31	AY	8081A

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Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

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**Reported:**  
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**Analytical Results**

**Client Sample ID: S17**

**Laboratory Sample ID: 1801262-17 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80718		Prepared: 01/29/2018 09:29		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
<b>4,4'-DDE</b>	<b>19.4</b>		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 18:48	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			89.7 %		43-169	3545	01/29/2018 18:48	AY	8081A

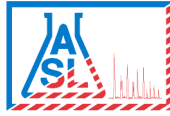
**Analytical Results**

**Client Sample ID: S18**

**Laboratory Sample ID: 1801262-18 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>					Batch ID: BA80718		Prepared: 01/29/2018 09:29		
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
<b>4,4'-DDE</b>	<b>36.5</b>		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A

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 Project Manager: Martha Sgriccia

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**Reported:**  
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**Analytical Results**

**Client Sample ID: S18**

**Laboratory Sample ID: 1801262-18 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 19:06	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			<i>111 %</i>	<i>43-169</i>		3545	01/29/2018 19:06	AY	<i>8081A</i>

**Analytical Results**

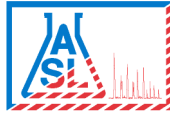
**Client Sample ID: S19**

**Laboratory Sample ID: 1801262-19 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
<b>4,4'-DDE</b>	<b>39.2</b>		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A

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RMA Geoscience  
 9854 Glenoaks Blvd.  
 Sun Valley CA, 91352

Project: Canterwood  
 Project Number: 174-0307-04  
 Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
 02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S19**

**Laboratory Sample ID: 1801262-19 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 19:23	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			99.8 %		43-169	3545	01/29/2018 19:23	AY	8081A

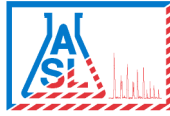
**Analytical Results**

**Client Sample ID: S20**

**Laboratory Sample ID: 1801262-20 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
<b>4,4'-DDE</b>	<b>30.2</b>		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 19:40	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			116 %		43-169	3545	01/29/2018 19:40	AY	8081A

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RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S21**

**Laboratory Sample ID: 1801262-21 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
<b>4,4'-DDE</b>	<b>34.2</b>		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 19:57	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			<i>111 %</i>	<i>43-169</i>		3545	01/29/2018 19:57	AY	<i>8081A</i>

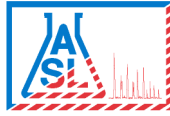
**Analytical Results**

**Client Sample ID: S22**

**Laboratory Sample ID: 1801262-22 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
<b>4,4'-DDE</b>	<b>26.7</b>		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A

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9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

**Client Sample ID: S22**

**Laboratory Sample ID: 1801262-22 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 20:15	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			107 %		43-169	3545	01/29/2018 20:15	AY	8081A

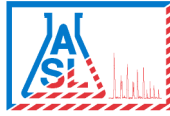
**Analytical Results**

**Client Sample ID: S23**

**Laboratory Sample ID: 1801262-23 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Aldrin	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
alpha-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
beta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
gamma-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
alpha-Chlordane	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
4,4'-DDD	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
<b>4,4'-DDE</b>	<b>27.3</b>		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
4,4'-DDT	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
delta-BHC	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Dieldrin	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Endosulfan I	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Endosulfan II	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Endosulfan sulfate	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Endrin	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Endrin aldehyde	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Endrin ketone	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
gamma-BHC, Lindane	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Heptachlor	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A

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RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Analytical Results**

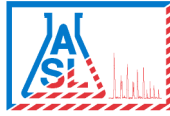
**Client Sample ID: S23**

**Laboratory Sample ID: 1801262-23 (Solid)**

Analyte	Result	Notes	PQL	Units	Dilution	Prep Method	Analyzed	Analyst	Method
<b>Organochlorine Pesticides</b>			Batch ID: BA80718		Prepared: 01/29/2018 09:29				
Heptachlor Epoxide	ND		2.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Methoxychlor	ND		4.00	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Toxaphene	ND		170	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
Chlordane (tech)	ND		100	ug/kg	1	3545	01/29/2018 20:33	AY	8081A
<i>Surrogate: Decachlorobiphenyl</i>			82.2 %		43-169	3545	01/29/2018 20:33	AY	8081A

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Wendy Lu, Laboratory Supervisor



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 Sun Valley CA, 91352

Project: Canterwood  
 Project Number: 174-0307-04  
 Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
 02/02/2018 14:38

**Organochlorine Pesticides - Quality Control Report**

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BA80717 - 3545 - 8081A**

**Blank (BA80717-BLK1)**

Prepared: 01/26/201 Analyzed: 01/29/201

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 20.5 " 16.7 123 43-169

**LCS (BA80717-BS1)**

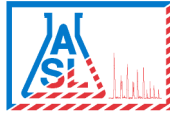
Prepared: 01/26/201 Analyzed: 01/29/201

Aldrin	19.0	2.00	ug/kg	16.7		114	42-122			
4,4'-DDT	20.0	4.00	"	16.7		120	25-160			
Dieldrin	21.3	4.00	"	16.7		128	36-146			
Endrin	19.7	4.00	"	16.7		118	30-147			
gamma-BHC, Lindane	18.9	2.00	"	16.7		113	32-127			
Heptachlor	16.6	2.00	"	16.7		99.5	34-111			

Surrogate: Decachlorobiphenyl 20.5 " 16.7 123 43-169

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Wendy Lu, Laboratory Supervisor



RMA Geoscience  
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 Sun Valley CA, 91352

Project: Canterwood  
 Project Number: 174-0307-04  
 Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
 02/02/2018 14:38

**Organochlorine Pesticides - Quality Control Report**

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BA80717 - 3545 - 8081A**

**LCS Dup (BA80717-BSD1)**

Prepared: 01/26/201 Analyzed: 01/29/201

Aldrin	19.9	2.00	ug/kg	16.7	119	42-122	4.52	30		
4,4'-DDT	20.6	4.00	"	16.7	123	25-160	2.72	30		
Dieldrin	21.3	4.00	"	16.7	128	36-146	0.0984	30		
Endrin	21.7	4.00	"	16.7	130	30-147	9.64	30		
gamma-BHC, Lindane	19.6	2.00	"	16.7	118	32-127	3.82	30		
Heptachlor	16.4	2.00	"	16.7	98.2	34-111	1.29	30		
<i>Surrogate: Decachlorobiphenyl</i>	<i>17.6</i>		<i>"</i>	<i>16.7</i>	<i>106</i>	<i>43-169</i>				

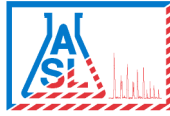
**Batch BA80718 - 3545 - 8081A**

**Blank (BA80718-BLK1)**

Prepared & Analyzed: 01/29/201

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	"							
<i>Surrogate: Decachlorobiphenyl</i>	<i>18.3</i>		<i>"</i>	<i>16.7</i>	<i>110</i>	<i>43-169</i>				

*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.*



RMA Geoscience  
9854 Glenoaks Blvd.  
Sun Valley CA, 91352

Project: Canterwood  
Project Number: 174-0307-04  
Project Manager: Martha Sgriccia

Work Order No: 1801262  
**Reported:**  
02/02/2018 14:38

**Organochlorine Pesticides - Quality Control Report**

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch BA80718 - 3545 - 8081A**

**LCS (BA80718-BS1)**

Prepared & Analyzed: 01/29/201

Aldrin	19.0	2.00	ug/kg	16.7		114	42-122			
4,4'-DDT	19.9	4.00	"	16.7		120	25-160			
Dieldrin	21.3	4.00	"	16.7		128	36-146			
Endrin	19.7	4.00	"	16.7		118	30-147			
gamma-BHC, Lindane	18.9	2.00	"	16.7		113	32-127			
Heptachlor	16.6	2.00	"	16.7		99.5	34-111			

Surrogate: Decachlorobiphenyl

20.5 " 16.7 123 43-169

**LCS Dup (BA80718-BSD1)**

Prepared & Analyzed: 01/29/201

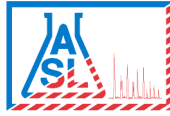
Aldrin	19.8	2.00	ug/kg	16.7		119	42-122	3.85	30	
4,4'-DDT	20.5	4.00	"	16.7		123	25-160	2.80	30	
Dieldrin	21.3	4.00	"	16.7		128	36-146	0.260	30	
Endrin	17.5	4.00	"	16.7		105	30-147	11.9	30	
gamma-BHC, Lindane	16.1	2.00	"	16.7		96.3	32-127	16.0	30	
Heptachlor	17.1	2.00	"	16.7		103	34-111	3.16	30	

Surrogate: Decachlorobiphenyl

18.4 " 16.7 110 43-169

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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

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### Notes and Definitions

- J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
- 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.